

ANNUAL REPORT 2022-2023



LINGAYA'S
VIDYAPEETH

Deemed-to-be University
u/s 3 of UGC Act 1956

choose to know

LINGAYA'S VIDYAPEETH

(Approved by MHRD / AICTE / PCI / COA / BCI / NCTE, Govt. of India u/s 3 of UGC Act 1956)

www.lingayasgroup.org | www.lingayasvidyapeeth.edu.in

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"Par Excellence with Human Touch"

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(LATE) PROF. G.V.K. SINHA, FOUNDER CHAIRMAN, LINGAYA'S GROUP

Prof. V. K. Sinha, a unique educationist with remarkable insight into technical education and great expertise in managing the human resources, was a self-made icon in the field of technical



and management education. With a B. Tech Degree he took up the career of a lecturer, climbed up the ladder as Head of the Department, Asst. Director and then the Principal in various reputed technical institutions in New Delhi; and later a full time Consultant of AICTE, New Delhi. Everywhere Prof. Sinha dedicated himself to explore and contribute the best for the noble cause of education. With grace and humanitarian values Prof. Sinha finally reached to the peak of his career as the Chairman of Lingaya's

Group, set up by him in memory of his father, the great freedom fighter Shri Lingaya Gadde. His expertise in technical education, skill in managing human resources, exposure in audio-visual and resource centres, insight curriculum review and efficiency in training and placement enabled him to make LIMAT the most preferred educational institution for the aspiring professionals in Delhi NCR. LIMAT was the living legend of Prof. Sinha's noble goal and higher vision in the field of Education. In recognition to his excellent achievements in the field of Technical Education, the LIMAT was upgraded to Lingaya's University with approval from the MHRD, Govt of India under Section 3 of UGC Act, 1956.

Prof. Sinha left us for the heavenly abode on 6th June, 2011. May the departed soul rest in peace! Let us pay tribute to Prof. Sinha with a pledge to uphold and keep up his spirit and vision on Education.

“Par Excellence with Human Touch”

DR. PICHESWAR GADDE, CHANCELLOR

I am immensely ecstatic in welcoming you to Lingaya's Vidyapeeth (a deemed to be University u/s 3 of U.G.C. Act 1956), Faridabad. With a rich history of its inception and a legacy of 25 years in academics & research, I feel great sense of pride in mentioning that Lingaya's Vidyapeeth has always been a paradigm of academic & research excellence with special focus on holistic development of students so that they become future-ready.

Though the pandemic has its detrimental impact on both the physical and the mental health of people and organizations; nonetheless, Education is one of the major fields where it has opened avenues for thoughtful discussions and informed decisions and that is why Lingaya's Vidyapeeth is committed to making all possible efforts in being the harbinger of a new era in the domain of higher education. We at Lingaya's Vidyapeeth believe in nurturing the talent of young minds. However, we also believe that the efforts of our students need to be in the right direction in order to be successful and that is why we provide the best of curriculum, innovative teaching methodology, state-of-the-art infrastructure, the latest in technology, hand-picked international collaborations & tie-ups and the expertise of academic stalwarts and industry doyens. A sprawling salubrious campus situated in the serene green pastures and pollution-free sylvan surroundings provide the best learning environment.

I would be delighted to have you onboard a personally exciting and professionally enriching journey at the Lingaya's Vidyapeeth that will bring many invaluable learning opportunities in the near future. I look forward to welcoming you in the coming months to join us in this journey. You will be experiencing many new insights and will take back several impressions as you make enduring friendships and long-lasting associations during your time with us and even beyond that as an alumnus.

Diversity and inclusivity are two major strengths and we foster a community that is free of intolerance and discrimination.

Let me thank you all once again for your extended support in making Lingaya's a brand and a chosen institution by many students, parents & researchers. I invite you once again to join the Lingaya's community – Choose to know....Choose to grow!

Wishing the students success and a bright career ahead.

MR. BHAVIK KUCHIPUDI, DIRECTOR, LINGAYA'S GROUP



Welcome to Lingaya's Vidyapeeth, Faridabad and thank you for showing your interest in us. On behalf of our entire staff, it is a pleasure to welcome you to Lingaya's Vidyapeeth. I hope you will take a moment to read through our mission and goals. We strive to provide services and programs that will aid in the professional development of our students to make them strong candidates for our local, state, national and international workforce as well as graduate and professional school programs around the world. Finally, it is our pleasure to provide services for employers that make it easy to find the best and the brightest students in the country for internships and full-time positions.

As the director it is a privilege for me to work with a staff of distinguished career professionals. Together we creatively address issues and look for innovative approaches to meeting the needs of our Vidyapeeth.

In this fast growing era of Science and Technology, the pressure of performance and quality apply to all Universities, and the artful handling and showing excellence in all the endeavors makes Lingaya's Vidyapeeth one of the best universities today.

Lingaya's Vidyapeeth is an extraordinary place where students, faculty and audiences gather to participate in a dynamic environment. An intimate school, we offer individualized training to undergraduate and graduate students in a nurturing atmosphere that allows their individual intellect to blossom. We boast of an exceptional faculty of teachers and scholars who are active nationally, and internationally. The faculty and staff at the Lingaya's Vidyapeeth are dedicated to helping students achieve their professional goals. Our commitment to excellence in undergraduate education and research, makes us a leader in imparting education. We are able to accomplish this mission by adhering to our basic values of nurturing a diverse and supportive academic community; fostering a culture of leadership, collective vision, critical reflection, and accountability.

"Merit and Values" are our cardinal principles which are manifested in every venture of the University. The faculty with rich experience and expertise in their respective areas have always been emphasising on adherence to distinction, morals and values both in their professional as well as personal lives. At Lingaya's , due emphasis is given to all-inclusive evolution of the students' personality by shaping and sharpening their attitude by the academic rigor of our programmes. Much prominence is placed on exposing our students to practical situations of the corporate world and promoting interaction with the people in industry as well as academia which will help them grow in their lives.

I, on the behalf of the entire fraternity of Lingaya's Vidyapeeth, cordially welcome you. We are delighted to see the progress we have achieved since our inception.. I am sure that the new entrants will be in safer hands, when they opt Lingaya's , because we are committed towards creating a vibrant community of value creators for our country.

I anticipate you to be a part of Lingaya's Vidyapeeth in striving to be a highly respected University, we have been placing significant importance on our learning and teaching, research, and community engagement. We have been inviting experienced experts as guest lecturers, revising our curricula by taking feedback and adopting innovative teaching methods.

Looking forward to welcome you to the Institute.

With best wishes for your journey in Lingaya's Vidyapeeth and beyond.

DR. M. K. SONI , PRO CHANCELLOR



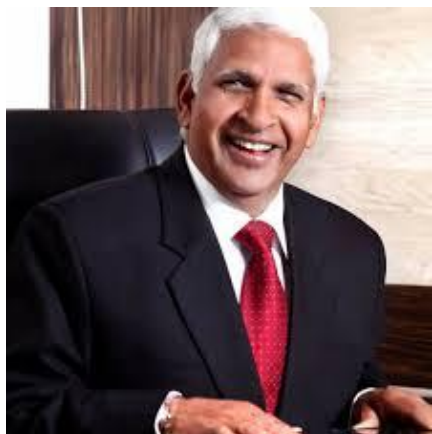
It is my great pleasure to welcome you to Lingaya's Vidyapeeth. Over the years, Lingaya's has established itself as a distinguished institution known for imparting quality education with a strong focus on professionalism and discipline. Our beautiful campus, well connected by a comprehensive network of buses from all parts of NCR, provides an ideal environment for learning and growth.

At Lingaya's Vidyapeeth, we are committed to becoming a world-class institution, building global alliances with top universities and industries. Our well-qualified faculty and the innovative spirit of our students have gained recognition on both national and international platforms, particularly in the areas of creative design and innovation.

We strive to provide our students with opportunities for all-around professional development while instilling in them strong cultural and ethical values. Throughout their academic journey, we prepare our students to tackle the challenges of a dynamic global environment, equipping them for success in their professional careers.

Wishing you all the best for a bright and successful future!

DR. M. P. GUPTA, VICE CHANCELLOR



It is with great pride and joy that we celebrate the completion of twenty-five years of Lingaya's Group. Over the years, Lingaya's Vidyapeeth has evolved into a leading institution of higher learning, consistently setting new benchmarks in academic and holistic development. From its humble beginnings, the Vidyapeeth has grown to become a vibrant hub of education, innovation, and research.

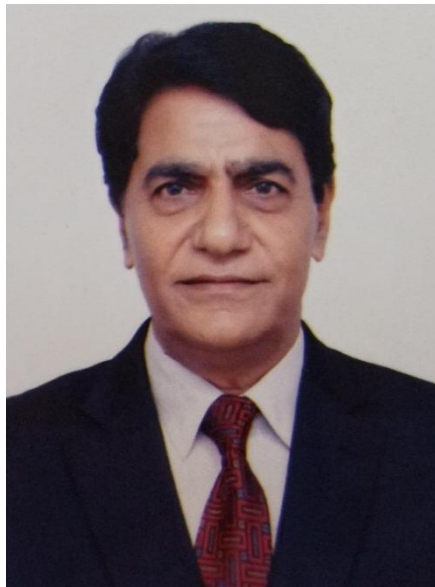
We extend a warm welcome to all our students, who come from various parts of the country & world, and thank them for choosing Lingaya's Vidyapeeth to pursue their academic goals. Our commitment to academic excellence is unwavering, and we constantly strive to provide a learning environment that nurtures intellectual curiosity, critical thinking, and practical skills. The Vidyapeeth offers a broad spectrum of undergraduate, postgraduate, and doctoral programs designed to meet the evolving needs of industry and society.

However, academic achievement is just one aspect of the holistic education that Lingaya's Vidyapeeth aims to provide. We believe in the overall development of our students and encourage them to participate in extracurricular activities, which are integral to shaping their personalities and preparing them for the challenges of the real world. The Vidyapeeth hosts a multitude of events, cultural festivals, sports meets, and other activities that foster teamwork, leadership, and creativity among students.

Our students have excelled not only in academics but have also made their mark in various national and international competitions throughout the year. Many of them have brought laurels to the Vidyapeeth by winning prestigious awards and recognition in diverse fields. Their achievements are a testament to the quality of education and mentorship provided at the Vidyapeeth.

At Lingaya's Vidyapeeth, we understand that education goes beyond textbooks and classroom learning. The Vidyapeeth's focus on experiential learning, internships, and industry collaboration ensures that our students are well-prepared to meet the demands of the professional world. Our strong network of alumni, many of whom have distinguished themselves in their respective fields, serves as an inspiration and resource for current students.

As we embark on the next chapter of our journey, we are excited about the future and the new milestones that lie ahead. We thank everyone who has been a part of this remarkable journey and look forward to continuing to inspire, educate, and transform lives.

MR. PREM KR. SALWAN, REGISTRAR

Lingaya's Vidyapeeth is committed to providing outstanding education, practical training and facilities in choosing their career to students. We emphasize imparting excellent education in an encouraging environment and ensuring equal attention to the overall development of students is our only vision.

To touch this pedestal, we constantly update our curriculum so that good quality professionals can fulfil the emerging needs of industries locally and globally. We provide opportunities to develop their personalities in terms of sports and cultural activities to become good human beings. We firmly believe in knowledge dissemination and knowledge creation through our highly qualified and experienced faculty members.

Our alumni's track record of achievements is indeed commendable, where our students have proved their caliber in different spheres of industry, which demonstrates Lingaya's culture and ethics.

The achievements of our students stand as a testament to the quality of education we provide. One of our most notable accomplishments was the national recognition by the Society of Automotive Engineers (SAE), which acknowledged the creativity and technical prowess of our students in developing a car that showcased innovation at its best. Such accomplishments reflect our emphasis on hands-on learning, practical problem-solving, and the continuous pursuit of excellence.

At Lingaya's University, we believe in providing a platform that goes beyond academic learning. We are committed to the all-round development of our students, equipping them with the skills, values, and mindset necessary to thrive in today's competitive world. We strive to instill high cultural and ethical values, preparing our students to meet the national and international challenges they may encounter in their professional careers.

During their journey with us, we focus not only on academic excellence but also on grooming our students to be responsible and ethical leaders who will contribute meaningfully to society. We take pride in our role as educators and mentors, guiding our students towards a bright future filled with professional achievements and personal fulfillment.

We invite you to join hands with us and work to build up your blooming career. I wish you the very best and hope to see you make your career choice with us.

VISION AND MISSION

VISION

Traditionally believing that God is the Source of all Truth, Goodness and Beauty, Lingaya's Vidyapeeth, wishes to develop in students a wisdom that translates academic achievements into responsible citizenship, sincere professional service and a deep respect for life and beauty in God's Creation and Recreation.

MISSION

- ❖ To commit to excellence in thought and action;
- ❖ To impart knowledge and skills and to mould attitude required for careers in Technical and Management fields by careful guidance and instruction for self-learning in both formal and informal modes;
- ❖ To dedicate oneself to improve social and economic status and enhance the quality of life for all;
- ❖ To strive to maximize human welfare through education and produce effective knowledgeable staff, practitioners and educators who will be guided by vision, compassion, knowledge, disciplined discovery and deep respect for human values;
- ❖ To provide an individual engineering and other professional learning experience for each student;
- ❖ To develop critical thinking, analytical ability and creative skills;
- ❖ To supplement the curricula with teamwork, leadership, persuasive oral and written skills, project management, financial aspects, social concerns and ethics; and
- ❖ To establish Industry-Institution interaction for technology, research and development.

ABOUT LINGAYA'S VIDYAPEETH

Lingaya's Vidyapeeth is guided by the noble patriotic thoughts of the great freedom fighter (Late) Shri Lingaya Gadde and also by the academic vision of Late Prof. GVK Sinha, the founder of various Institutions of Lingaya's Group. Lingaya's Institute of Management and Technology (LIMAT), Engineering Institute, was established in 1998 with the approval from All India Council For Technical Education (AICTE), a statutory body of the Ministry of Human Resource Development (MHRD), Govt. of India. The institute received the prestigious Accreditation status from National Board of Accreditation, a unit of All India Council For Technical Education. Such Accreditation is awarded only to the selected institutions based on Academic Audit of quality. In recognition of its excellent performance, LIMAT was upgraded to Lingaya's Vidyapeeth with the approval of MHRD, Govt. of India. Under section 3 of UGC Act 1956. Its singular objective and mission is to facilitate and promote studies and Research with a focus on Professional Higher Education in Engineering & Technology, Architecture, Management, Law, Pharmacy, Computer Applications, Sciences, Humanities, Social Sciences, Paramedical Sciences, Education, Mass Communications and other emerging areas to achieve excellence and also to meet the emerging Global and Industrial needs of Society and the nation. The Vidyapeeth has been accredited by NAAC.

The Vidyapeeth is located within the National Capital Region (NCR), Delhi. It has a sprawling campus situated in the green pastures and pollution free sylvan surroundings. The Vidyapeeth is equipped with Academic blocks, Air Conditioned Library, Workshops, Laboratories, Auditorium, Student Activity Center, Play Grounds, Gymnasium, Hostels and the other facilities. The campus has a total built up area of over 1.2 million square feet.

With an ideal teacher-student ratio, the Vidyapeeth strives for academic excellence through personalized attention. The unique mechanism is established to support and monitor the progress of students and assure success and satisfaction.



OFFICERS OF THE LINGAYA'S VIDYAPEETH

Name	Designation
Dr Picheswar Gadde	Chancellor
Dr M. K. Soni	Pro Chancellor
Dr. M. P. Gupta	Vice-Chancellor
Mr. Prem Kr. Salwan	Registrar
Mr. Rajeev Kr. Gupta	Fiance Officer

OFFICERS OF THE LINGAYA'S VIDYAPEETH

Name of HODs	Name of School/ Department
Ar. Aditi Arora	School of Architecture
Dr. Rashmi Singh	School of Basic & Applied Sciences
Dr. Samriti Mahajan	School of Commerce & Management
Dr. Babita Bhardwaj	School of Education
Dr. Ankur Srivastava	School of Law
Mr. R. K. Deb	Department of Mechanical Engineering
Dr. Vijender Singh Mahalwal	School of Pharmacy
Mr. Anand Prakash Pathak	School of Humanities and Social Sciences
Dr. Divyashree	Department of Civil Engineering
Dr. Bindiya Ahuja	Department of Computer Science and Engineering
Dr. Javalkar Dinesh Kumar	Department of Electronics and Electrical Engineering
Dr. Ravi Prakash Mishra	School of Agriculture
Ms. Sheeba Khalid	Department of Foundation

OFFICE OF THE DEAN OF ACADEMICS AFFAIRS

Dr. Naresh Kumar Gupta	Dean(Academics Affairs)
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OFFICE OF THE PROCTOR

Mr. Anand Prakash Pathak	Proctor
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OFFICE OF CONTROLLER OF EXAMINATION

Dr. Javalkar Dinesh Kumar	COE
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OFFICE OF THE LIBRARIAN

Mr. Shakil Ahmad	Librarian
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SCHOOLS & DEPARTMENTS OF VIDYAPEETH

SCHOOL OF ARCHITECTURE

Faridabad's oldest School of Architecture (SOA) at Lingaya's Vidyapeeth had a modest beginning in 2010. Since then, SOA has broadened its horizon by introducing new academic and extension programs and promoting research activities.

In the academic session 2014-15 two year full time post-graduation course was inducted in the School of Architecture with due approval of Council of Architecture.

SOA has a rich tradition of pursuing excellence and has continually re-invented itself in terms of academics. Students are exposed to challenging academics and also the institute plays a host to seminars, workshops, sports, cultural and organizational activities on its vibrant campus.

Programs Offered:

B. Arch.

M. Arch.

M. Plan.

B.Sc. Interior Design

Infrastructure:

- The School has State-of-the art Classrooms, Air Conditioned studios, Model making lab, Art studio, Exhibition hall, NASA room, videography and photography labs.
- The School also has Survey Lab, Carpentry Workshop and Mechanical Workshop (shared).
- The School has highly qualified and experienced faculty from academics as well as from the field.
- The construction yard helps the students to learn through observation and experimentation.

Beside class room teachings, Emphasis is given on Guest lectures, workshops, site visits, cultural activities, On-Site Construction, study models and analysis. Students are encouraged to visit sites and do market surveys as a part of their curriculum to make them aware of the latest architectures and construction technologies. Site visits are organized from time to time.

Review meetings are conducted twice a year with external experts from academics as well as professional field, to upgrade the curriculum according to the recent trends but at the same time following Council of Architecture.

Students Association with other Architecture Colleges

Student activities like NASA are encouraged to make them aware of the work going on in other Architecture colleges of India and SAARC nations and also to have interaction and healthy competitions with them.

Special Features

Workshops on low cost housing, green buildings and sustainable Architecture are held from time to time to apprise students of the current global scenario in Architecture.

Career Prospects :

- 1) Building surveyor
- 2) Commercial/residential surveyor
- 3) Higher education lecturer
- 4) Historic buildings inspector/ conservation officer
- 5) Landscape architect
- 6) Planning and development surveyor
- 7) Production designer, theatre / television / film
- 8) Structural engineer
- 9) Town planner

USP's

- The Department has State-of –the art Classrooms, Air Conditioned studios, Model Making Lab, Art studio, Climatology Lab, Exhibition Hall, NASA Room, Videography and Photography Labs, Committee Room and Faculty Rooms.
- Ours is the most advanced B.Arch. degree course in Delhi NCR where we impart training in latest software like Revit, 3ds max & BIM
- We also have a central library equipped with modern facilities and resources in the CD-ROMS, on-line database, books, e-journals, patents, thesis reports etc.
- Department has an independent computational facility with required software's, enabling faculty and students to pursue their research / projects at ease.

- The Department has highly qualified and experienced faculties from academics as well as from field.

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- 7)Production designer, theatre / television / film
- 8)Structural engineer
- 9)Town planner

School of Basic & Applied Sciences

School of Basic & Applied Sciences is one of the most prestigious School of Lingaya's Vidyapeeth, which constantly encourages students to explore their own intrinsic qualities and enhance their talent through quality teaching and research.

Programs Offered

- B.Sc. (Hons) Physics, Chemistry and Mathematics
- M.Sc - Physics, Chemistry and Mathematics
- Ph.D - Physics, Chemistry and Mathematics

Faculty Members

School of Basic & Applied Sciences comprises eminently competent and efficient faculty who is qualified from reputed universities of India like University of Delhi, Banaras Hindu University (BHU), Aligarh Muslim University (AMU), IIT's and NIT's. Faculty members are involved in research projects in specialized field of Fibre optics, Optoelectronics and Optical Communication, Plasma Physics, Solid State Physics, Material Chemistry, Medicinal Chemistry, Nanoscience, Wastewater treatment, etc. The Department has published large number of research papers in reputed national/international refereed Journals. Members of the Department are part of national/international professional bodies, Editorial Team/ Review Team of National/ International Journals.

Infrastructure

The School is having well equipped Chemistry Labs, Physics lab and Mathematics lab for B.Sc. (Hons), M.Sc. and Ph.D students. The School of Basic Science is having "Advanced Research Lab" for research purpose for not only faculty members but also for students.

Special Features

- Our students are doing research projects from B.Sc.(Hons) first year itself under the expert guidance of faculty members and presenting their work in various conferences / workshops.

- Our students have presented their research papers in different conferences at IIT Roorkee, IIT Delhi, University of Delhi and other reputed universities. They have been praised at different platforms as young researchers.
- Lingaya's Vidyapeeth is the only university where students are given industrial training in different industries like textile industries, paint industries, pharmaceutical industries and other reputed industries in B.Sc.(Hons) final year along with their regular classes.
- Lingaya's Vidyapeeth is following complete "Choice Based Credit System" (CBCS) scheme given by UGC for UG and PG level.
- Frequent industrial visits for the students to various industries like chemical industries, dairy industries, The Energy and Research Institute (TERI), National Physical Laboratory (NPL), sewage treatment plants etc. are organized by the School of Basic Science.
- B.Sc.(Hons) students are placed by different placement companies in B.Sc.(Hons) level itself. Placement activities are crowning glory for B.Sc.(Hons) Physics, Chemistry and Mathematics students of the university

Career Opportunities for B.Sc. (H) Chemistry

The field of Chemistry is of great importance in our day to day life. Once candidates come out successfully as degree holders in B.Sc. (Hons) Chemistry, they have various options for their future. There are various fields where B.Sc. (Hons) Chemistry graduates can utilize their talents. Some of the areas that offer jobs for a B.Sc. (Hons) degree holder include the following:

- Waste-water Plant
- Medical Laboratories
- Oil Industries
- Manufacturing and Processing Firms
- Testing Laboratories
- Petroleum Companies
- Pharmaceutical Companies
- Power Generating Companies
- Research and Development Firms
- Agricultural Research Services
- Biotechnology Firms
- Chemical Industries
- Chemicals Manufacturing Companies
- Cosmetic Companies

- Paint Industries
- Colleges / Universities
- Education Sectors
- Forensic Crime Research
- Food/ Dairy industries
- Health Care Providers

- Heavy Chemical Industries
- Hospitals
- Indian Civil Services

Some of the public sector firms which offer job opportunities are:

Bharath Petroleum, Indian Oil Corporation Limited, ISRO, Bhabha Atomic Research Centre, ONGC, etc.

Some of the reputed private sectors firms that recruit B.Sc. (Hons) Chemistry are the following:

Dabur, Hindustan Lever, Ranbaxy, Dr Reddy's Labs, Meyer Organics Pvt Ltd, Asian Paints, etc.

Career Opportunities after B.Sc. (Hons) Physics

There are various fields where B.Sc.(Hons) Physics graduates can utilize their talents. Some of the areas that offer jobs for a B.Sc. (Hons) Physics:

- NASA (National Aeronautics and Space Administration)
- ISRO (Indian Space Research Organization)
- BARC (Bhabha Atomic Research Centre)
- DRDO (Defense Research Development Organization)
- IITs & IISC
- NTPC & NHPC
- Air Force Research Laboratory
- Center for Automotive Research
- National Physical Laboratory (NPL)
- Electro science Laboratory
- General Electric Aviation

Some of the public sector firms which offer job opportunities are:

- NTPC, BHEL, ONGC, GHAL,SAIL, IOCL, BSNL, ISRO, DRDO, BARC,EIL.

Career Opportunities after B.Sc. (Hons) Mathematics

There are jobs available in various sectors for the graduates of B.Sc. Mathematics. These sectors are given below

- Software Industries
- Insurance
- Market Research
- Banking Sector

- B.Sc. Mathematics can get jobs in following fields:
- Analyst, Scientists, Mathematician, Economic Analyst, Intelligence Analyst

After completion of Graduation in Physics, Chemistry or Mathematics, one can go for higher studies like M.Sc and MBA for finding reasonably good career in industries, Research, Teaching and Management. A graduate has the option to appear for UPSC examinations (IAS etc.) which provides an opportunity to join State Administrative Service/Central Government Services such as telecom, Railways, PWD, etc.

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

The School of Humanities and Social Sciences at Lingaya's Vidyapeeth is a premier center for interdisciplinary education and research, designed to foster critical thinking, creativity, and a deeper understanding of human society. With a strong emphasis on bridging the gap between theoretical knowledge and practical application, the School aims to cultivate a global perspective among students and prepare them for successful careers in various fields.

The School of Humanities and Social Sciences at Lingaya's Vidyapeeth offers an enriching environment for students, with a curriculum that integrates diverse disciplines such as psychology, political science, sociology, history, literature, and languages. The programs are structured to provide both foundational knowledge and specialized expertise in these areas, with a focus on research, experiential learning, and community engagement. By nurturing analytical and communication skills, the School equips students to understand and address complex social, cultural, and ethical issues.

Programs Offered

- BA (Hons.) English
- BA Pass
- BA (Hons.) Psychology
- MA (English)
- BA (Journalism & Mass Communication)
- Ph.D (English & Journalism)

Faculty Members:

The School boasts a highly qualified and experienced faculty, comprising academicians, researchers, and industry professionals. Each faculty member brings a wealth of knowledge and expertise, ensuring that students receive high-quality education and mentorship. Faculty members are deeply involved in research and are often engaged in collaborative projects that span various aspects of the humanities and social sciences.

Infrastructure:

Lingaya's Vidyapeeth is equipped with state-of-the-art infrastructure to support the academic and co-curricular needs of the School of Humanities and Social Sciences.

The campus includes:

Well-equipped classrooms with smart technology for an enhanced learning experience.

A dedicated library with a vast collection of books, journals, and e-resources specific to the fields of humanities and social sciences.

Research labs and facilities for psychology and related disciplines.

Digital resources and IT support to enable access to online learning materials and research databases.

The campus environment is conducive to learning and encourages both independent and collaborative work.

Special Features:

The School of Humanities and Social Sciences focuses on holistic development by offering unique features, including:

Interdisciplinary learning: Encouraging students to engage with multiple fields of study and develop a comprehensive understanding of human behavior and societal structures.

Research opportunities: Students are provided with opportunities to participate in research projects, supported by faculty members, leading to presentations at national and international conferences.

Community engagement programs: The School emphasizes social responsibility, offering students opportunities to work with local communities and contribute to social welfare projects.

Skill development workshops: Regular sessions are conducted on critical thinking, communication skills, research methodology, and employability skills.

Career Opportunities:

Graduates from the School of Humanities and Social Sciences can pursue careers in a wide range of fields, including:

Civil services

Academia and research

Media and journalism

Non-governmental organizations (NGOs)

Corporate sector roles in HR and communication

Public relations and content writing

Psychological counseling and social work

With a solid foundation in critical thinking, communication, and analytical skills, students are well-prepared for leadership roles in various sectors, both in India and abroad.

The School of Humanities and Social Sciences at Lingaya's Vidyapeeth thus offers an enriching academic journey that prepares students to navigate the complexities of the modern world with confidence and competence.

Department of Civil Engineering

Civil Engineering is one of the basic tools for development of the society and for improving living standards of human beings by coordinating the natural resources available on the planet. Analysis, Design and Construction of Structures like Buildings, Roads, Bridges, Dams, Tunnels, Geotechnical Engineering, Transportation and Traffic Engineering, Water Resources and Sanitary Engineering, Soil Engineering, Earthquake Engineering, Surveying, GIS and Remote Sensing etc. are some of the broad areas in the field of Civil Engineering.

As a profession, Civil Engineering is one of the best choices for development of the Nation.

Several application-oriented industrial consultancy projects and collaborative research projects are being undertaken by the faculty members. The Department encourages the faculty members and students to carry out innovative and R&D work, planning, design, construction and consultancy services.

The Department is also actively engaged in organizing International and National Conferences, Workshops and Short-Term Courses in related fields of Civil Engineering.

Programs Offered

The Department offers the following programs:

- B.Tech. in Civil Engineering
- M.Tech. in Civil Engineering
- Ph.D in Civil Engineering

Faculty

Highly qualified faculty having their qualifications/ experience at prestigious Institutions (IITs and NITs) are available in the Department of Civil Engineering. They provide quality education to the students and develop them to work professionally in the organizations/corporate world.

Laboratory and Testing Facilities

Department of Civil Engineering has well equipped laboratories for Undergraduate, Postgraduate and Doctoral students to cater to their needs. Some of the laboratories are listed below:

- Material Testing & Concrete Technology Laboratory
- Structural Analysis Laboratory
- Geotechnical Engineering Laboratory
- Transportation Engineering Laboratory
- Hydraulics and Irrigation Engineering Laboratory
- Fluid Mechanics Laboratory
- Environmental Engineering Laboratory
- Surveying Laboratory
- Engineering Geology Laboratory
- Computational Laboratory
- CAD Laboratory

Career Prospects:

Civil engineers design, build, supervise, operate, and maintain construction projects and systems in the public and private sector, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment. Many Civil engineers working design, construction, research, and education.

School of Commerce & Management

The School of Commerce & Management was established in the year 2004, with the very purpose of proliferating management education and thus contributing towards Economic development at National level by creating learned and skilled managers and entrepreneurs to serve for ever changing global business environment in industry, Research and consultancy in various areas of management. Its vision is to relentlessly prepare such global managers who can work as solution providers for global research problems and can embark upon promising careers in the corporate world.

The long term vision of the School is aimed at creating finest development of students and thus fostering effective stemming of skilled manpower at macro level. The School of Commerce & Management strives to create a niche of talented managers who can make contributions to global businesses.

The School has experienced faculty members who implement teaching-learning while making the best use of the technology. The learning process generates compounded thinking in varied frontiers which could be utilized in research, consultancy and training.

The syllabi is highly aligned to the corporate needs. It consistently focuses on designing practice oriented learning and contemporary industry-focused curriculum, driven by strong corporate interface, guest lectures, hobby club activities, minor and major projects, dissertation, industrial visits and excursion, conclaves, conferences and seminars.

The planned pedagogy aims at maximizing practical learning platform and developing understanding of students including short term assignments, participation in inter-college events, compulsory news reading sessions, group discussions, presentation on various contemporary topics, business news awareness sessions and personality development. Mentoring sessions are organised for inclusive development and growth of future managers.

Programs Offered

- BBA
- B.COM
- BBA - MBA (Integrated)
- MBA
- Ph.D Program in Management

Special Features

Innovative and Participative Learning: Academically strengthening the students with best of knowledge is the major focus for which we adopt a blended learning method based on participation and sharpening the analytical and reasoning skills in students. For this latest case studies, Field visits, Live Projects, Group projects, Industrial visits, esteemed expert talks, Group Discussions, Debates, Seminars and Workshops are organised using electronic enabled techniques.

Contemporary Curriculum: The curriculum is designed in a way to translate the real world situation to the syllabi. The Board of Studies which comprises of Experts from outside and within the university, through their insight, help in ensuring that the syllabi is a right mix of content needed to transfer the right and required knowledge.

Rich Reference and reading Material: Apart from Central Library the Department has its own Departmental Library which is rich with related Journals, books, business magazines and industrial reports along with electronic resources to help develop the research skills.

IT Facility: Computing facilities are available for students to access latest software.

Industry Interface: Industrial visits are regularly arranged in order to have exposure to the live problems of the Business World. Conferences, Seminars, Discussions, Presentations and Workshops are organized at regular intervals to have industry interface and it stimulates a vibrant interplay of ideas and their practical application besides providing an overall perspective towards solving management problems.

Mentoring: At departmental level mentoring process is highly encouraged for personal and professional development of students. Student groups are made and faculty mentors get associated with them which help in confidence building and provide psycho-social support so that they can communicate and gain greater relevant knowledge and wisdom and complete the program successfully.

Focus on strengthening Research Aptitude: Apart from imbibing and instilling management aptitude and outlook, rigorous training on soft skill development including communication and behavioral perspective is given an equal weightage. Along with this, in order to develop an aptitude towards research there are

compulsory sessions for providing training on different softwares which aid in conducting research. All these invincible efforts on academic front matched with a unique Corporate Resource Cell for Training and Placement have facilitated in generating excellent placements of students in several well known National and Multinational companies in the area of technology, manufacturing, consulting, finances and services.

Career Prospects :

- 1) Financial Analysts
- 2) Human Resources (HR) Manager
- 3) Marketing Executive
- 4) Executive Assistant
- 5) Banking & Finance
- 6) Hospital Management
- 7) Sales Manager
- 8) Operations Manager
- 9) Materials Manager
- 10) Quality Assurance Manager
- 11) Purchasing Officer
- 12) Production Manager
- 13) Supply Chain Consultant
- 14) Project Manager
- 15) Entrepreneurship

Department of Computer Science and Engineering

School of Computer Applications

The Department of Computer Science & Engineering and School of Computer Application has been set up to impart training of the highest standards to the students, in the field of computer science & applications, thus preparing them to meet the exciting demands of the highly competitive global industrial market. It was established in the year 1998 (as one of the schools of Engineering under Lingaya's University). It constitutes Department of Computer Science & Engineering and Department of Computer Applications.

Department of Computer Science & Engineering and School of Computer Application has the following key features:

- State-of-the-art Classrooms, Seminar Rooms, Committee Room and Facultyrooms.
- Rich collection of reading material and books in its Library for the reference purpose by faculty and students.
- R&D centre (Centre For Excellence) displaying the innovative / research potential of its students.
- A team of faculty members and students to cater to the Software requirements of the University.
- Faculty members with M.Tech. and/or Ph.D qualifications from premier institutions.

Programs Offered

- B.Tech in Computer Science & Engineering
- BCA
- B. Sc. Computer Science
- MCA
- M.Tech in Computer Science & Engineering
- Ph.D

Laboratory Infrastructure

State-of-the-art laboratories, having computers with latest configuration networked together to ensure that the every student gets complete facilities to thoroughly understand and explore the concepts of computer science. The School & Department focuses on preparing globally

competitive professionals who are at ease with both hardware and software aspects of the computer. These professionals are trained to innovate and contribute to the growth of Indian economy in the present era of Information Technology. The Programs have been designed to help students impart basic concepts and skills of Computer Science and their applications in diverse areas of software development, hardware technology and networking. The school & Department has well equipped Laboratories in the following areas of Computer Science & IT Specializations:

- 1) Operating Systems Lab: In this lab students study the Architecture and commands of UNIX and Linux operating system. Students write programs in C and execute those commands in Linux shell. The students write Shell Scripts and AWK programming.
- 2) Computer Graphics: In this lab students create interactive graphics applications in C++ using one or more graphics application programming interfaces, programs to implement visibility detection, animation, 2D and image processing techniques.
- 3) Multimedia and Animation: In this lab students create animation of a moving object, morphing, advertisement of any product, also they are made to provide interactive way to handle the multimedia content with the help of Macromedia FLASH Software and other multimedia software's like Photoshop, Sound Forge, etc. for editing the multimedia content in terms of developing multimedia pages.
- 4) Rapid Application Development: In this lab students design applications in C# using Microsoft Visual Studio .NET framework. Students are able to create web forms, windows based application using language independent IDE within a very short period of time.
- 5) Web Technologies: This lab enables students to understand the various steps for designing and creating a dynamic website, and are able to write HTML, JavaScript, CSS and Applet codes. They will have clear understanding of hierarchy of objects in HTML 5.0 and XML 4.0.
- 6) LINUX Shell Programming Lab: This lab familiarizes students with the Linux environment. It helps them to learn the fundamentals of shell scripting/programming, to conceptualize Data Mining and the need for pre-processing and to learn the algorithms used for various types of Data Mining Problems.
- 7) System and Network Administrator Lab: This lab helps the students to understand the need of PC Hardware, Internet and World Wide Web and Office Suites. Also students are instructed to install and use different softwares like Windows XP, Linux, MS Office suite components.
- 8) Data Warehousing and Data Mining: This lab educates students with fundamental concepts of Database Design, Data Models, Different Database Languages (SQL/Oracle). It also helps them

to analyze Database design methodology, OLTP, OLAP and DB connectivity, alongwith it they deal with DM Tool.

9) Data Structure and C Programming Lab: The objective of this lab is to teach students various data structures and to explain them algorithms for performing various operations on these data structures. Also, the lab aims to make a student understand the basic concept of C Programming, and its different modules that include conditional and looping expressions, Arrays, Strings, Functions, Pointers, Structures and File programming.

10) JAVA Programming Lab: This lab helps the students to create Java programs that leverage the object-oriented features of the Java language, such as encapsulation, inheritance and polymorphism; use data types, arrays and other data collections; implement error-handling techniques using exception handling, create and event-driven GUI using Swing components; and implement I/O functionality to read from and write to text files.

Virtual Labs (VLABs)

(An initiative of Ministry of Human Resource Development under the National Mission on Education through ICT)

The University in collaboration with IIT Delhi is handling the VLAB project. The School & Department has taken this initiative, and conducts workshops not for only the University but also for nearby Universities and Colleges to spread the knowledge of how to make use of VLABs effectively and efficiently. VLABs have been designed to provide remote access to labs. These virtual labs cater to students at the undergraduate, postgraduate as well as doctoral level. Virtual labs also provide a complete learning management system where the students can avail various tools for learning, including additional web resources, video lectures, animated demonstration and self evolution. These labs enable the user to perform experiments remotely as on-demand service over the web.

Career Prospects :

“As this is the era of Digital world and there are plenty of job opportunities in the field of Computer Science & Engineering”. A few of them are listed below.

- System Designer
- Software Developer

- Data Warehouse Analyst
- ERP Manager
- Software Engineer
- E-Commerce Specialist
- Teaching professionals
- R&D Professional
- Hardware Engineer
- Networking Engineer
- IT Support experts
- Computer Programmer
- Engineering Support Specialist
- Academic Research Editor

Major Recruiters :

- Infosys
- Google
- HCL
- Accenture
- Cognizant
- IBM
- TCS
- Wipro
- Microsoft
- Larsen & Toubro (L&T)
- Mahindra Satyam
- Tech Mahindra
- Adobe
- Cisco
- Oracle
- DRDO
- Sun Microsystems
- Yahoo

SCHOOL OF EDUCATION

Education is the most powerful weapon which can change the world. The one who educates the individual is performing a divine task. While the God / the Parents give life to an individual, the teacher teaches the individual the art of living well.

Lingaya's School of Education is unique with its vision for true Education and is with the mission of training future teachers befitting to achieve the goal of true Education. Here the aspiring candidates are instilled with the true objective of Education, and they are trained on how to educate the mind as well as the heart of an individual. The school grooms the professionals to educate the young generation with humanitarian values and the practical knowledge to face the challenges of the present world with a balanced mind. The Department of Education, Lingaya's University endeavors to provide best education to the aspiring students who want to become competent teacher in this competitive world.

Programs Offered

- Bachelor of Education (B.Ed.)
- Master of Education (M.Ed.)
- Doctorate in Education (Ph.D.)

Faculty

The school of education has highly qualified, sincere and dedicated faculty who not only teach but act as a guide, counselor and facilitator. All the faculty members are double or triple Postgraduates and are NET Qualified.

Infrastructure

The school has well equipped labs viz. Science Lab, Language Lab, Curriculum Lab, ICT Lab, Psychology Lab, Yoga and Meditation Hall, Cultural Hall, Departmental Library and Art and Craft Lab etc. and spacious and ventilated class rooms.

School Experience Program (SEP)

The School Experience Program (SEP) offers class room experience to those willing to commence a career in teaching. All pupil teachers have to undergo full-time intensive School Experience Program for thirty (30) working days in first year and for 04 months in second year. The school of education has ties with various

reputed public and government schools to provide enriched and valuable experience to pupil teachers which will enhance their teaching skills and build up their confidence level.

Practical Work

- Art and Craft work
- Clay Modeling
- Co-curricular Activities
- Community Service
- Domestic Use of Electric Gadgets
- Gardening
- Interior Decoration
- Improvised/Low Cost Teaching Aids
- Painting
- Photography
- Socially useful productive work (SUPW)
- Sport Yoga and Life Skills Activities

Activities

During the session, various activities take place in the School as given bellow:

- Board Decoration competition
- Earth day celebration
- Excursion (one day)
- Festival celebration
- Mehndi competition
- Rangoli competition
- Women's day
- Army Day
- Children's Day
- Christmas Day
- Dr. Ambedkar Jyanti
- Gandhi Jayanti
- Independence Day
- Inter-college/School Teaching Competition

- International Yoga Day
- Mahavir Jayanti
- Martyr's Day
- Mathematics Day
- Rakhi Competition
- Republic Day
- Science day
- Shaheedi Diwas
- Teacher's Day

Special Attractions

- Personality Development Program (PDP) for all the students;
- Motivation by teachers to communicate in English;
- Mock Group Discussion (GDs) and Interview sessions to prepare students for their jobs;
- Prepare students for CTET, HTET and NET etc.

Placements

Various reputed public schools and companies come for campus hiring and many students got placed in various educational institutes and companies so far.

Career Prospects:

- 1) Community Education Officer
- 2) Early Years Teacher
- 3) Education Administrator
- 4) International Language Teacher
- 5) Further Education Teacher
- 6) Mentor/Counselor/Guider
- 7) Primary School Teacher
- 8) Secondary School Teacher
- 9) Special Education Teacher
- 10) Teaching Assistant

Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering is one of the established and leading department in the university. It has a state of art facilities and highly qualified faculty members and staff members. Department works with the objective of addressing critical challenges faced by the Industry, society and the academia. Perhaps even more important is our unceasing commitment to our students, helping them to learn, grow, develop, and achieve their goals in their pursuit to excel in their professional career. Importance is also given to quality teaching and learning process through faculty development programs for teachers and soft skill programmes for students. Special care is taken about the students whose performance is not up to mark in the examinations through counselling and extra classes. The students are also encouraged to participate in technical and co-curricular competitions conducted by other universities or colleges. Research in the school focuses on high-impact various disciplines: Communication systems, Wireless networks, Internet of Things, Artificial Intelligence, Signal and Image Processing, RF MEMS and MIC, Microwave antennas, Optical communication and VLSI technologies.

Courses Offered:

1. B.Tech-ECE
2. M.Tech-ECE
3. Ph.D

Faculty

The department has highly qualified and experienced faculty members with specialization in various areas like VLSI Design, Embedded System Design, Optical Fiber Communication, Antenna Design, Electrical Machines and Drives, Control Systems and Signal Processing. The faculty members are engaged in the R&D activities in the areas of Artificial Intelligence, Internet of Things, Image Processing, Antenna Design, Video Processing and Robotics.

Infrastructure

- The Department has air conditioned, state-of-the-art Classrooms, Seminar Rooms, Departmental library, Laboratories and Faculty rooms.
- The Department has a rich collection of reading material and books in its Library for the reference purpose by faculty and students.

- The Department has an independent computational facility with required software's, enabling faculty and students to pursue their research/ projects at ease.
- The Department actively promotes participation of faculty and students for centralized research activities in the center of excellence. The faculty has a large number of publications to their credit in more than 50 refereed journals.

The Department has the following state-of-the-art labs:

- Embedded Systems and Design Lab
- Digital Signal Processing Lab
- VLSI Design Lab
- Data Communication and Satellite Communication Lab
- Microprocessor and Interfacing Lab
- Electronics and Electrical Measurement and Instrumentation Lab
- Analog and Digital Electronics Lab
- Communication Lab
- Electrical Machines Lab
- Electrical Drives and Power Systems Lab
- PLC and SCADA Lab
- Control Systems Lab
- Intel Intelligence System Lab (IOT)

Simulation Softwares like MATLAB, Pspice, VHDL, Xilinx, Lab view are available for conducting research and relevant studies.

Special Features

The Department is allowing the students to choose the specialization in the emerging fields such as IOT & Artificial Intelligence (AI), Telecommunication & Networking, Embedded System Design & VLSI Design. After completing the specialization course our students is ready to compete and ready to work on the latest technologies.

The Department has initiated an interaction program with distinguished alumni and the current graduate students. Our alumni are pursuing higher studies in various reputed institutions in India and premier foreign Universities across the world in diverse field of electrical, electronics, communication engineering. Our students have an added advantage of knowledge of core courses of electrical, electronics, communication engineering with the software or programming skill. There is plethora of job opportunities for the ECE or EEE students can get placed in the any one of the core public and private sector units (PSUs) and also in software/IT based industries. Many of the students are working in popular industries and R & D institutes in India and

abroad. Further, the students are working in premier IT and core sectors through On-campus and Off-campus placements. The Department strives to provide a conducive environment for the students to develop analytical and practical skills and apply them to real world problems. To motivate our students the respective department organizes regular training in state of art software & hardware, arranges workshop, seminars, industrial visit, expert talk etc periodically.

Career Prospects :

1. Aerospace engineer
2. Broadcast engineer
3. Control and instrumentation engineer
4. Electrical engineer
5. Electronics engineer
6. IT consultant
7. Network engineer
8. Nuclear engineer
9. Systems analyst

Major Recruiters :

1. BEL
2. BHEL
3. Tata Steel & Power Limited
4. Power Grid Corporation of India Ltd
5. BALCO
6. NTPC
7. Durgapur steel plant
8. ISRO
9. OMEGA Elevator
10. ALSTOM India Power project
11. CONE Elevator
12. Everest Industry
13. ZENITH Construction etc
14. L&T Construction and STEEL
15. Tata Metallic
16. Tata Motors
17. BSNL
18. NSPCL
19. State Electricity Board
20. Defense organization
21. DRDO
22. Jindal Steel & Power Limited
23. GAIL

SCHOOL OF LAW

The School of Law, set up in 2017, offersthree programmes with the approval of the Bar Council of India. Helping the youth to enrich their knowledge, fostering in them a love for learning, right attitudes and imbibing essential and up to date knowledge about legal rights and obligations are some of the key objectives of the institution which could help us in achieving our long-termgoal of a better appreciation of the functioning of law in the society.

Programs Offered

- BBA. LL.B.
- BA LLB
- LL.B.
- LL.M.

Infrastructure

- The School has well equipped Classrooms, Computer lab, Seminar Hall and a Library having all the required law books which is accessible to all our students.
- The School also has a spacious, well-furnished Moot Court hall to conduct intra and inter Moot Court competitions. The faculty members take the responsibility in training the students for national and international moot court competitions.

Beside class room teachings, emphasis is given on various workshops, assignments and moot court practice. Students are encouraged to visit courts of all the hierarchy as a part of their curriculum to make them aware of the procedures in practice.

Review meetings are conducted from time to time with external experts from academics as well as professional field, to upgrade the curriculum according to the recent trends but at the same time following the regulations laid down by the Bar Council of India.

Faculty Members

School of Law comprises of eminently competent and efficient faculty members who are qualified from reputed universities of India like Maharaja Ganga Singh University (Bikaner), Devi Ahilya Vishwavidyalaya (Indore), Maharshi Dayanand University (Rohtak), Amity University (Noida), Karnataka State Law University (Hubli) and O.P. Jindal Global University (Sonipat). The Department has been working on to publish a number of research papers in reputed national/international refereed Journals.

Career Prospects:

- Litigation
- Corporate law (law firms and companies)
- Public Prosecutor
- Judicial Service
- Intellectual Property law firms
- Legal Academia
- Alternative Dispute Resolution
- NGOs and Think Tanks
- LPO's
- Tax Law
- Advocate General
- Legal Journalism

Department of Mechanical Engineering

The Department of Mechanical Engineering was established in the year 1998 and over the years has developed into a very vibrant teaching-learning unit. Automobile wing was established in the year 2004.

Programs Offered

- B. Tech. in Mechanical Engineering
- B. Tech. in Mechanical Engineering with specialisation in Automobiles
- M.Tech. in Mechanical Engineering
- Ph.D

Faculty

The Department has highly qualified and experienced faculty members having academic as well as industrial experience covering various specializations such as Thermal Engineering, Design and Manufacturing Engineering and Automobile Engineering etc.

Infrastructure

The Department has well equipped laboratories to carry out experimental and R&D work.

Following facilities exist in the Department:

- Central Workshop and Auto Workshop
- Mechatronics Lab
- Fluid Mechanics Lab
- Energy Conversion Lab
- CAD/CAM Lab
- Heat Transfer Lab
- Kinematics and Dynamics of Machines Lab
- Vibration Lab
- Refrigeration and Air Conditioning Lab
- Strength of Materials and Material Science Lab
- State-of-the-Art Automobile Labs

The Automobile Labs and facilities are unmatched in North India and include world renowned Degener Lehrmitt Experimental setup from Germany for state-of-the art cars and cutting edge Technology.

The state-of-the-art Mechatronics Lab has Hydraulic and Pneumatic simulators in addition to an elaborate set of Mechatronic Actuation Systems.

The Vibration Lab has Balancing and Fatigue Testing machines over and above vibration related rigs.

A number of softwares are available in the CAD Lab such as AutoCAD 2012, ProEngineer 3.0, Solid Works2007, CATIA, COSMOS, LabView842, MATLAB which are used for teaching and research purposes.

Special Features

- The Students get their Internship at modern plants like Escorts, Eicher, Maruti, Sona Steering, JCB, Hero Honda etc.
- Students and faculty have frequent interaction with industrial experts through Seminars, Lectures, Factory Visits etc.
- Students have won many prizes in the competitions organized by Faridabad Industries Association and Society of Automotive Engineers India.
- Students participate in National and International competitions.
- SAE India collegiate chapter helps students to participate in International and National events of Society of Automotive Engineers.
- Apart from the Central Library, the School maintains its own Library for its Mechanical and Automobile wings.
- Students are motivated to participate in Technical events organized by IITs and reputed Institutes.
- Special emphasis is given on “Hands On Training”.
- Quite a few table top experimental setups have been developed in-house to facilitate understanding of basic fundamentals

Career Prospects :

- 1) Aerospace
- 2) Acoustical
- 3) Automotive

- 4) Marine
- 5) Mechatronics
- 6) Optical
- 7) Railway
- 8) Research and development

Major Recruiters :

- 1) Indian Engineering Services
- 2) Defense Services
- 3) All Public Sector Units
- 4) Indian Railways
- 5) Aviation sector
- 6) DRDO, ISRO, etc
- 7) Larsen and Toubro Ltd.
- 8) Robert Bosch ALSTOM Power, Inc.
- 9) General Electric (GE)
- 10) Energy Eaton Corporation
- 11) Tata Motors
- 12) Maruti Suzuki Cummins India Ltd
- 13) HCL Technologies Ltd.
- 14) Ford Motor Company
- 15) Mahindra & Mahindra Ltd.
- 16) JCB
- 17) JBM

and many more

SCHOOL OF PHARMACY

School of Pharmacy at Lingaya's Vidyapeeth was established in the year 2015 with the vision of developing globally competent professionals in the field of Pharmaceutical Technology who are responsible citizens and have respect for life and sensitivity towards environment.

According to India Brand Equity Foundation, by 2020, India is likely to be among the top three pharmaceutical markets by incremental growth and sixth largest market globally in absolute size. Owing to the global demand of generic drugs, the growth of Indian Pharmaceutical Industry is going to show a spiraling trend in the coming years and so will be the demand for trained workforce.

We, at School of Pharmacy, Lingaya's Vidyapeeth not only focus on class room teaching but hands-on-training simultaneously. We prepare our students to work effectively and think critically. Our Curriculum has been set keeping in mind the current and future requirements and expectations of the pharmaceutical industry and allied fields. Our students would be able to make career in Pharmaceutical Manufacturing, Research & Development, Cosmetics Industry, Clinical Research, Packaging Industry, Academia, Marketing, Hospitals etc.

Programs Offered

- Diploma in Pharmacy
- Bachelor of Pharmacy
- M Pharm

Faculty

Highly qualified and experienced faculty having very wide experience and exposure is available at The School of Pharmacy covering various specializations like Pharmaceutics, Pharmacology, Pharmacognosy and Pharmaceutical Chemistry. The faculty members not only teach in class room settings but also train the students with experimental tools and machineries and make them industry ready.

Infrastructure

- The School has Air conditioned, state-of-the-art Classrooms, LCD Projector and AV system equipped Seminar Halls, Boys Common Room, Girls Common Room, Departmental Library, Faculty rooms and Laboratories.
- The School has a vast and rich collection of books and reference materials in the Departmental and Central Library.
- The School has Internet and Computing facilities for students and faculty with dedicated computer terminals.
- Special emphasis is being given on Guest lectures from academia and industry of repute.
- The School has sophisticated laboratories for Hands on Training viz. Pharmaceutical Analysis Lab, Pharmaceutics Labs, Pharmacognosy Labs, Anatomy Physiology and Health Education Lab, Pharmaceutical Chemistry Labs, Pharmacology Labs, and Machine Room.

Career Prospects :

- 1) Pharmacist (Industry/Hospital/Clinical/Community)
- 2) Retail/ Wholesale Chemist/Druggist Business
- 3) Drug Inspector, Drug Analyst (Govt. Services)
- 4) Pharmacoepidemiologist/Data Analyst
- 5) Clinical Research Associate
- 6) Higher Education Lecturer
- 7) Medical Sales Representative
- 8) Pharmacologist
- 9) Product/Process Development
- 10) Regulatory Affairs Officer
- 11) Research Scientist (Life Sciences)
- 12) Science Writer
- 13) Toxicologist

SCHOOL OF AGRICULTURE

The School of Agriculture at Lingaya's Vidyapeeth is dedicated to advancing agricultural education and research in alignment with contemporary challenges and innovations in the field. With a commitment to sustainable agriculture, food security, and rural development, the School provides a dynamic platform for students to gain practical and scientific knowledge essential for the modern agricultural landscape. The School aims to create professionals equipped with the skills to address global agricultural issues while enhancing the productivity and sustainability of the sector.

The School of Agriculture at Lingaya's Vidyapeeth offers a comprehensive educational framework that blends theoretical knowledge with hands-on training. Its mission is to prepare students to become future leaders in agriculture by equipping them with the skills required to address pressing agricultural challenges such as climate change, food scarcity, and sustainable farming practices. The School fosters an environment of innovation, research, and community engagement, enabling students to contribute meaningfully to both rural development and global agricultural systems.

Programs Offered:

B.Sc. (Hons) Agriculture.

Faculty Members:

The School is led by a team of highly qualified faculty members, who are experts in their respective fields of agriculture. Faculty members have significant teaching and research experience and are actively engaged in advancing knowledge through research projects and collaborations with industry and governmental bodies. Their expertise ensures that students receive top-quality education and guidance for both academic and practical applications in agriculture.

Infrastructure:

Lingaya's Vidyapeeth offers state-of-the-art infrastructure to support the academic and research needs of its agriculture students:

Research farms and laboratories: The School has well-maintained agricultural research farms where students gain hands-on experience in crop production, pest management, and soil testing. The laboratories are equipped with modern tools and equipment for experimentation and research.

Greenhouses and polyhouses: These facilities provide students with practical exposure to controlled environment agriculture, allowing them to learn about advanced horticultural practices.

Library and digital resources: The Vidyapeeth's library is stocked with extensive resources on agricultural science, including books, journals, and online databases, supporting both coursework and research.

Special Features:

The School of Agriculture offers several distinctive features designed to enhance the learning experience:

Practical exposure: Students are regularly involved in fieldwork, rural agricultural projects, and internships with agro-industries and governmental bodies.

Workshops and seminars: Frequent workshops, guest lectures, and seminars with industry experts and researchers provide insights into current trends and innovations in agriculture.

Sustainability focus: The curriculum emphasizes sustainable agriculture practices, preparing students to contribute to eco-friendly farming and resource management.

Collaborations: The School partners with agricultural research institutions, NGOs, and government agencies to facilitate research and real-world problem-solving opportunities.

Career Opportunities:

Graduates of the School of Agriculture have a wide range of career opportunities in both public and private sectors. Some potential career paths include:

Agricultural research scientists in government and private research institutions

Agronomists and horticulturists working in the crop and plantation sectors

Agri-business managers and entrepreneurs in agro-based industries

Extension officers involved in community outreach and rural development programs

Food technologists and soil conservation specialists

Farm managers and consultants in modern farming practices

Government roles in agriculture departments, policy planning, and rural development initiatives

With the demand for sustainable food production increasing globally, graduates from the School of Agriculture at Lingaya's Vidyapeeth are well-equipped to address these challenges and pursue rewarding careers that impact society positively.

The School of Agriculture aims to shape the future of farming and agriculture by educating professionals who are capable of revolutionizing traditional practices through innovation and sustainable solutions.

Digital Initiatives of Lingaya's Vidyapeeth

Lingaya's Vidyapeeth has undertaken several digital initiatives over the past years to enhance campus connectivity, streamline administrative processes, and advance digital teaching methodologies. These initiatives include:

Campus Connectivity

Wi-Fi Enabled Campus:The entire campus is equipped with high-speed Wi-Fi, ensuring seamless internet access for students, faculty, and staff.

ICT Network Spanning the Campus: A robust Information and Communication Technology (ICT) network covers the entire campus, providing reliable connectivity and supporting various digital functions.

Digital Administrative Processes

Online Admission: The University offers an online admission process, making it convenient for students to apply and secure their admission from anywhere.

Online Fee Collection: Fee payments can be made online, providing a hassle-free and secure method for students and parents.

Online Leave Management: Faculty members and staff can apply for leaves online, streamlining the approval process and maintaining accurate records.

Online Examination System: The examination system has been digitized, allowing for online exams, reducing administrative burdens, and enhancing efficiency.

Online Submission of Internal Assessment Marks: Faculty members can submit internal assessment marks online, ensuring timely and accurate record-keeping.

Online Attendance of Students: Student attendance is recorded and managed online, providing real-time updates and improving transparency.

Digital Teaching Initiatives

Virtual Classroom Software, Web-casting, and Video-Conferencing: The use of advanced virtual classroom software, web-casting, and video-conferencing technologies facilitates interactive and flexible learning experiences.

Online Teaching and Learning Resources through MOOC: The university provides access to online teaching and learning resources through Massive Open Online Courses (MOOC), expanding educational opportunities for students.

Subscription to e-Journals and Resources: Lingaya's Vidyapeeth subscribes to a wide range of e-journals and digital resources, supporting research and academic excellence.

These digital initiatives reflect Lingaya's Vidyapeeth's commitment to leveraging technology to enhance educational delivery, streamline administrative processes, and provide a modern, connected campus environment.

List of Students Admitted in Ph.D. 2022-23

Sr. No.	Enrollment No.	Student's Name	Department Name
1	22PHCS06W	P SIVARAMAN	Computer
2	22PHCS07	RITU DHINGRA	Computer
3	22PHCS08	PRAVIN CHANDRA JOSHI	Computer
4	22PHCH02	SUBODH KUMAR BUDAKOTI	Chemistry
5	LV-224038	SUNIL KUMAR	Chemistry
6	LV-224039	SHIVANGI PRIYA	Management
7	22PHED01	GARIMA	Education
8	22PHLAW04	KAMLESH KUMAR MISHRA	Law
9	23PHLAW01W	HIMAZ MATTA	Law
10	23PHLAW02W	RAHUL PAWAR	Law
11	23PHMG01W	HARSHA	Commerce & Management
12	23PHMG02W	SUMAN LATA YADAV	Commerce & Management
13	23PHMG03W	LAKITA	Commerce & Management
14	23PHMG04W	LEENA RANI	Commerce & Management
15	23PHMG05W	PAWAN KUMAR	Commerce & Management
16	23PHMG06W	MANISHA GROVER	Commerce & Management
17	23PHMG07W	ITI SHARMA	Commerce & Management
18	23PHCH01W	SONIA BISHT	Chemistry
19	23PHCH02W	VISHAL RAJPUT	Chemistry
20	23PHCH03W	RAJNI	Chemistry
21	23PHCH04W	RANJANA	Chemistry
22	23PHED01W	PREETI MAHENDER	Education
23	23PHED02W	PREETI GUPTA	Education
24	23PHCS01W	VARSHA BANSAL	Computer
25	23PHCS02W	ARUN KUMAR YADAV	Computer
26	23PHCS03W	HIMANSHU BAREHATA	Computer
27	23PHMATH01W	JYOTI PALIWAL	Mathematics
28	23PHEG01W	VANDANA ATTRI	English
29	23PHPSY01W	ALKA SHARMA	Psychology
30	23PHME01W	AJIT	Mechanical

Lingaya's Vidyapeeth, Faridabad
(Deemed to be University, Approved u/s 3 of UGC Act, 1956)

List of Ph. D Scholars Awarded Ph.D. Degree on Convocation (December-2022)

Sr. No.	Roll No.	Name of Scholar	Discipline	School	Title of the Thesis	Month/Year
1	18PHCS04	Priyanka Tyagi	Computer Science and Engineering	Engineering and Technology	Design a Hybrid Classification Approach for Sentiment Analysis of Twitter Data	July, 2022
2	18PHCS07	Mahendra Tulshiram Jagtap	Computer Science and Engineering	Engineering and Technology	3D Stereo Image Retargeting Using Disparity Map Acquisition Technique	August, 2022
3	14PHCLR003	Sabreena Shafi Sheikh	Clinical Research	Pharmacy	Evaluation of Psychosocial Status and Quality of Life in Patients with Chronic Rheumatic Heart Diseases	August, 2022
4	16PHCS001(W)	Srishty Jindal	Computer Science and Engineering	Engineering and Technology	A Novel Approach to Detect the Major Changes in Twitter User's Behavior Based on Sentiment Analysis	September, 2022
5	18PHCS06	Mohd Abdul Rahim Khan	Computer Science and Engineering	Engineering and Technology	A Novel Approach for Detection and Analysis of Malware for Smart Devices	October, 2022
6	16PHEC004	Ekta Nagpal Bhayana	Electronics and Communication Engineering	Engineering and Technology	Design and Development of Wide Band Rectangular Dielectric Resonator Antenna for Wireless Communication Application	November, 2022
7	16PHEN001(W)	Kiran Bala	English	Humanities and Social Sciences	Exploration of Self: A Study of Gloria Naylor and Manju Kapur	December, 2022
8	18PHED01	Chitra Gupta	Education	Education	Effect of Parental Encouragement on Emotional Intelligence and Stress Management at Senior Secondary Stage	December, 2022
9	16PHJMC001(W)	Hema Gupta	Journalism and Mass Communication	Commerce and Management	A Study of Mohalla Clinics and Its' Effectiveness in NCT of Delhi	December, 2022

Approval to start new courses w.e.f session 2023 2024.under various Schools.

School of Agriculture
B.Sc. Agriculture Four Year Course

1. **Degree Nomenclature:** B.Sc. (Hons.) Agriculture
2. **Eligibility Criteria:** Intermediate /10+2 with PCM/PCB/PCMB/Agriculture (P- Physics, C- Chemistry, M-Mathematics, B-Biology) from a recognized Board/ University.
3. **Medium of Instruction:** English
4. **Minimum Intake:** 60 students

BACHELOR OF SCIENCE IN AGRICULTURE (HONS.)
 SEMESTER - I

Course code	Course Title	Credit	L (hr)	P (hr)	IP	Test (2)	Assign . (2)	MTE (avg)	ESE	PRA	Total
BSAG-1101	Fundamentals of Horticulture	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1102	Fundamentals of Plant Biochemistry and Biotechnology	3 (2+1)	2	2	10	5	5	15	50	15	100
BSAG-1103	Fundamentals of Soil Science	3 (2+1)	2	2	10	5	5	15	50	15	100
BSAG-1104	Introduction to Forestry	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1105	Comprehension and Communication Skills	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1106	Fundamentals of Agronomy	4 (3+1)	3	2	10	5	5	15	50	15	100
BSAG-1107	Introductory Biology*	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1108	Elementary Mathematics*	2(2+0)*	2	0	15	10	10	15	50	0	100
BSAG-1109	Agricultural Heritage*	1(1+0)*	1	0	15	10	10	15	50	0	100
BSAG-1110	Rural Sociology & Educational Psychology	2 (2+0)	2	0	15	10	10	15	50	0	100
BSAG-1111	Human Values and Ethics	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1112	NSS/NCC/Physical Education & Yoga Practices**	1 (0+1)**	0	2	20	-	-	-	-	80	100
TOTAL *R: Remedial course; **NC: Non-gradial courses		19 (12 + 7)	12	14							1200

Course code	Course Title	Credit	L (hr)	P (hr)	Att.	Test (2)	Assign. (2)	MTE (avg)	ESE	PRA	Total
BSAG-1201	Fundamentals of Genetics	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1202	Agricultural Microbiology	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1203	Soil and Water Conservation Engineering	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1204	Fundamentals of Crop Physiology	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1205	Fundamentals of Agricultural Economics	3(3+0)	3	0	15	10	10	15	50	0	100
BSAG-1206	Fundamentals of Plant Pathology	4(3+1)	3	2	10	5	5	15	50	15	100
BSAG-1207	Fundamentals of Entomology	4(3+1)	3	2	10	5	5	15	50	15	100
BSAG-1208	Fundamentals of Agricultural Extension Education	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1209	Farm Machinery and Power	3(2+1)	2	2	10	5	5	15	50	15	100
TOTAL		29(21+8)	21	16							900

SEMESTER – I

1. BSAG-1101 Fundamentals of Horticulture (NEW) 2(1+1) Theory

S. No.	Course Objectives
1.	Students will get basic knowledge about horticulture course and its scope.
2.	Students can get hands on training practical knowledge and Demonstrate the safe use of equipment, chemicals and tools used in the industry.
3.	Identify and explain benefits of professional organizations in the horticulture industry and to understand basic problems comes under horticulture production technology.
4.	To know the importance of market and industrial value of different horticultural crops.

Unit	Content	Teaching hours
I	Horticulture - Its definition and branches, importance and scope; horticultural and botanical classification; climate and soil for horticultural crops;	3
II	Plant propagation-methods and propagating structures; Seed dormancy, Seed germination, principles of orchard establishment.	3
III	Principles and methods of training and pruning, juvenility and flower bud differentiation; unfruitfulness; pollination, pollinizers and pollinators; fertilization and parthenocarpy.	5
IV	Medicinal and aromatic plants; importance of plant bio-regulators in horticulture. Irrigation – methods, Fertilizer application in horticultural crops.	3

1

Experiment	Topic
1)	Identification of garden tools.
2)	Identification of horticultural crops.
3)	Preparation of seed bed/ nursery bed.
4)	Practice of sexual and asexual methods of propagation including micro-propagation.
5)	Layout and planting of orchard.
6)	Training and pruning of fruit trees.
7)	Preparation of potting mixture.
8)	Fertilizer application in different crops.
9)	Visits to commercial nurseries/orchard.

S. No.	Course Outcomes (CO)
CO 1	Demonstrate an understanding of the composition, fertility and biology of soil and how they relate to good plant growth.
CO 2	Identify and prescribe sustainable options in horticulture which benefit the environment while maintaining productivity and economic viability.
CO 3	Apply horticultural skills and knowledge to operate various business entities found in the horticultural industry.
CO 4	Identify and practice safe use of tools, equipment and supplies used in horticulture careers and Propagate, grow, and maintain plants in horticulture production systems.

S. No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Fruit Culture in India Sham Singh and others	1963
2)	Principles of Horticulture and fruit growing Kunte and Yawalkar	2005
3)	Production Technology of Fruit Crops Shanmugvelu, K.G.	1989
4)	Handbook of Horticulture ICAR Publication	2001

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	2	2	3	3	2	2	2	-	-	-	1	1	1
CO-2	1	2	3	2	2	3	2	-	1	1	2	1	2
CO-3	2	1	2	1	1	1	2	-	1	1	1	2	2
CO-4	1	2	2	2	3	2	2	-	1	-	1	1	1
Average	1.5	1.8	2.5	2.0	2.0	2.0	2.0	-	1.0	1.0	1.3	1.3	1.5

Course Code	Course Title	Periods per week			Evaluation Scheme			Credit (Theory + Practical)				
					Internal Exam				External Theory Exam	Subject Total		
		L	T	P	Midterm Theory Exam	Assignment	Practical					

BSAG-1101	Fundamentals of Horticulture	1	0	2	30	5	15	50	100	2(1+1)
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2. BSAG-1102 Fundamentals of Plant Biochemistry and Biotechnology 4(3+1) Theory

S. No.	Course Objectives
1.	To introduce the basic knowledge of plant biotechnology and plant biochemistry.
2.	To introduce the history of plant tissue culture, preparation of solution, various biochemical test.
3.	To introduce the recent advances in plant biotechnology.
4.	To familiar them tissue culture laboratory, basic techniques of biotechnology.

Unit	Content	Teaching hours
I	Importance of Biochemistry. Properties of Water, pH and Buffer. Carbohydrate: Importance and classification. Structures of Monosaccharides, Reducing and oxidizing properties of Monosaccharides, Mutarotation; Structure of Disaccharides and Poly saccharides. Lipid: Importance and classification; Structures and properties of fatty acids; storage lipids and membrane lipids.	10
II	Proteins: Importance of proteins and classification; Structures, titration and zwitterions nature of amino acids; Structural organization of proteins. Enzymes: General properties; Classification; Mechanism of action; Michaelis & Menten and Line Weaver Burk equation & plots; Introduction to allosteric enzymes. Somaclonal variation and its use in crop improvement.	10
III	Nucleic acids: Importance and classification; Structure of Nucleotides, A, B & Z DNA; RNA: Types and Secondary & Tertiary structure. Metabolism of carbohydrates: Glycolysis, TCA cycle, Glyoxylate cycle, Electron transport chain. Metabolism of lipids: Beta oxidation, Biosynthesis of fatty acids, cryo-preservation; Introduction to recombinant DNA methods: physical (Gene gun method), Concepts and applications of plant biotechnology: Scope, organ culture, embryo culture, cell suspension culture, callus culture, anther culture, pollen culture and ovule culture and their applications;	11
IV	Micro-propagation methods; organogenesis and embryogenesis, Synthetic seeds and their significance; Embryo rescue and its significance; somatic hybridization and cybrids; chemical (PEG mediated) and Agrobacterium mediated gene transfer methods; Transgenics and its importance in crop improvement; PCR techniques and its applications; RFLP, RAPD, SSR; Marker Assisted Breeding in crop improvement; Biotechnology regulations.	11

Experiment	Topic
1)	Qualitative tests of carbohydrates and amino acids.
2)	Quantitative estimation of glucose/ proteins.
3)	Titration methods for estimation of amino acids/lipids,
4)	Effect of pH, temperature and substrate concentration on enzyme action,

5)	Paper chromatography/ TLC demonstration for separation of amino acids/ Mono saccharides.
6)	Sterilization techniques.
7)	Composition of various tissue culture media and preparation of stock solutions for MS nutrient medium.
8)	Callus induction from various explants.
9)	Micro-propagation, hardening and acclimatization.
10)	Demonstration on isolation of DNA.
11)	Demonstration of gel electrophoresis techniques and DNA finger printing.

S. No.	Course Outcomes (CO)
CO 1	Able to know what are the basic technologies involved in plant biochemistry and biotechnology as well as how these technologies are used for the production of useful products.
CO 2	Students can figure out the measures to prevent the various stresses of any crop, how to identify resistant sources.
CO 3	Know how to isolate DNA form the leaf and how to identify biochemical given in a sample.
CO 4	Know the role various role of biomolecules such as carbohydrate, protein, lipid etc in life and They can use their skills for the identification of resistant sources for various stresses.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Bhatia S. C., Biochemistry in Agricultural Sciences, Shree Publication House, New Delhi.	1984
2)	Purohit S.S., Biochemistry-Fundamentals and Applications, Agrobios, Jodhpur	2009
3)	Veer Kumari L., Biochemistry, MIP Publishers, Chennai	2007
4)	Rastogi S. C. Biochemistry Tata McGraw-Hill Education, New Delhi.	2003
5)	David L. Nelson and Michael M. Cox. Lehninger Principles of Biochemistry, 6 th Ed. Macmillan Learning, NY, USA	2012

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	1	2	1	2	2	1	-	-	-	1	1	1	1

CO-2	1	1	2	2	1	1	-	-	-	1	1	1	1
CO-3	1	2	1	2	3	1	-	-	-	1	1	1	2
CO-4	1	1	1	2	2	1	-	-	-	1	1	1	1
Average	1.0	1.5	1.3	2.0	2.0	1.0	-	-	-	1.0	1.0	1.0	1.3

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
					Internal Exam			External Theory Exam	Subject Total	
		L	T	P	Midterm Theory Exam	Assignment	Practical			
BSAG-1102	Fundamentals of Plant Biochemistry and Biotechnology	2	0	2	30	5	15	50	100	3(2+1)

3. BSAG -1103 Fundamentals of Soil Science3(2+1) Theory

S. No.	Course Objectives
1.	To gain basic knowledge of soil fertility and productivity.
2.	To study Importance or Significance of soil macronutrient and micronutrients.
3.	To Assess and develop importance of soil physical and chemical properties.
4.	To study about soil pollution and mitigation process.

Unit	Content	Teaching hours
I	Soil as a natural body, Pedological and edaphological concepts of soil; Soil genesis: soil forming rocks and minerals; weathering, processes and factors of soil formation.	6
II	Soil Profile, components of soil; Soil physical properties: soil-texture, structure, density and porosity, soil colour, consistence and plasticity; Elementary knowledge of soil taxonomy classification and soils of India; Soil water retention, movement and availability; Soil air, composition, gaseous exchange, problem and plant growth,	7
III	Soil temperature; source, amount and flow of heat in soil; effect on plant growth, Soil reaction-pH, soil acidity and alkalinity, buffering, effect of pH on nutrient availability; soil colloids - inorganic and organic; silicate clays: constitution and properties; sources of charge; ion exchange, cation exchange capacity, base saturation	8
IV	Soil organic matter: composition, properties and its influence on soil properties; humic substances - nature and properties; soil organisms: macro and microorganisms, their beneficial and harmful effects; Soil pollution - behaviour of pesticides and inorganic contaminants, prevention and mitigation of soil pollution.	7

Experiment	Topic
1)	Study of soil profile in field.
2)	Study of soil sampling tools, collection of representative soil sample, its processing and storage.
3)	Study of soil forming rocks and minerals.
4)	Determination of soil density, moisture content and porosity.
5)	Determination of soil texture by feel and Bouyoucos Methods.
6)	Studies of capillary rise phenomenon of water in soil column and water movement in soil.
7)	Determination of soil pH and electrical conductivity.
8)	Determination of cation exchange capacity of soil.
9)	Study of soil map.
10)	Determination of soil colour.
11)	Demonstration of heat transfer in soil.
12)	Estimation of organic matter content of soil.

S. No.	Course Outcomes (CO)
CO 1	To gain basic knowledge of soil fertility and productivity.
CO 2	To study Importance or Significance of soil macronutrient and micronutrients.
CO 3	To Assess and develop importance of soil physical and chemical properties.
CO 4	To study about soil pollution and mitigation process.

S. No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Fundamentals of Soil Science. 2nd Ed. Indian Society of Soil Science, New Delhi- 110 012. pp. 728.	2009
2)	Brady, N. C. The Nature and Properties of Soils. 15th edition Publisher: Pearson Education, ISBN: 978-0133254488	2016
3)	Biswas, T.D.; Mukherjee, S.K. Text Book of Soil Science 2nd Ed. Tata McGraw Hill Publisher, Delhi pp 433	1995

4)	Jakson, M.L. Soil Chemical Analysis. Printice Hall, India, Pvt. Ltd. New Delhi. Pp 498.	1973
5)	Chapman, H.D., and P.F. Pratt. Methods of analysis for soils, plants and waters. Division of Agricultural Sciences, University of California	1961

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	3	2	1	1	1	1	-	-	1	1	-	2
CO-2	3	2	1	1	1	1	1	-	-	1	1	-	1
CO-3	3	2	1	1	2	-	1	-	-	1	1	-	1
CO-4	3	2	2	1	1	2	1	-	-	1	2	-	2
Average	3.0	2.3	1.5	1.0	1.3	1.3	1.0	-	-	1.0	1.3	-	1.5

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1103	Fundamentals of Soil Science	2	0	2	30	5	15	50	100	3(2+1)

4. BSAG-1104 Introduction to Forestry (New)2(1+1) Theory

S. No.	Course Objectives
1.	To impart detail theoretical as well as practical knowledge of forestry and various other related allied branches of forestry science and to provide a basic understanding of emerging problems in the fields of forest by organizing visits to farm forest, industrial plantation, dense forest and open forest , nurseries and orchards.
2.	To bestow knowledge regarding various modern techniques used in tree plantation for sustainable development in India and to learn the applications of various fields of agriculture like horticulture, vegetable science, forestry, livestock production and others for raising the income of the marginal farmers.
3.	To provide detailed knowledge on the subject to improve the farmer's condition by their contributions regarding basic and modern knowledge about organic farming and Learn to follow scientific and economic approach along with environmental principles underpinning forestry production and effective use of land.
4.	To provide knowledge on legal and ethical environmental issues which are impacting forestry organizations and exhibit an understanding and appreciation of the ethical implications of decisions and To learn critical thinking and problem-solving skills which will ultimately help the students to achieve success in future.

Unit	Content	Teaching hours
I	Introduction – definitions of basic terms related to forestry, objectives of silviculture, forest classification, and salient features of Indian Forest Policies. Forest regeneration, Natural regeneration - natural regeneration from seed and vegetative parts, coppicing, pollarding, root suckers;	3
II	Artificial regeneration – objectives, choice between natural and artificial regeneration, essential preliminary considerations. Crown classification. Tending operations – weeding, cleaning, thinning – mechanical, ordinary, crown and advance thinning. Forest mensuration – objectives, diameter measurement, instruments used in diameter measurement; Non instrumental methods of height measurement - shadow and single pole method;	5
III	Instrumental methods of height measurement - geometric and trigonometric principles, instruments used in height measurement; tree stem form, form factor, form quotient, measurement of volume of felled and standing trees, age determination of trees.	3
IV	Agro-forestry–definitions, importance, criteria of selection of tree sin agroforestry, different agroforestry systems prevalent in the country, shifting cultivation, taungya, alley cropping, wind breaks and shelter belts, home gardens. Cultivation practices of two important fast growing tree species of theregion.	3

Experiment	Topic
1)	Identification of tree-species.
2)	Diameter measurements using calipers and tape, diameter measurements of forked, buttressed, fluted and leaning trees.
3)	Height measurement of standing trees by shadow method, single pole method and hypsometer.
4)	Volume measurement of logs using various formulae.
5)	Nursery lay out, seed sowing, vegetative propagation techniques.
6)	Forest plantations and their management.
7)	Visits of nearby forest based industries.

S. No.	Course Outcomes (CO)
CO 1	Knowledge of role trees in almost all terrestrial ecosystems and provide a range of products and services to rural and urban people.
CO 2	The benefits that trees provide are best sustained by integrating trees into agriculturally productive landscapes.
CO 3	To study the sustainable utilization of land through agro-forestry and study of economically importance of tree and various purposes for growing of tree.
CO 4	To study scientific management of trees such as creation, conservation and utilization of their resources.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Dwivedi. A. P. 1993. Textbook of Silviculture. International Book Distributors.	1993
2)	Khanna, L.S. 1989. Principles and Practice of Silviculture. Khanna Bandhu, 7 Tilak Marg, Dehra Dun	1989
3)	Chaturvedi, A.N and L.S. Khanna. 2011. Forest Mensuration and Biometry (5th edition). Khanna Bandhu. Dehra Dun. 364 pp.	2011
4)	Husch, B., Beers, T.W. and Kershaw, J. J.A. 2002. Forest Mensuration (4th edition). John Wiley & Sons, Nature. 456pp.	2002

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	3	2	3	2	2	3	-	-	1	1	2	3
CO-2	3	3	2	3	2	2	3	-	-	1	1	2	3
CO-3	2	3	2	3	2	2	3	-	-	1	1	2	3
CO-4	2	2	1	2	2	2	2	-	-	1	1	2	3
Average	2.5	2.8	1.8	2.8	2.0	2.0	2.8	-	-	1.0	1.0	2.0	3.0

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1104	Introduction to Forestry	1	0	1	30	5	15	50	100	3(2+1)

5. BSAG-1105 Comprehension and Communication Skills in English 2(1+1) Theory

S. No.	Course Objectives
1.	Knowledge of Professional, cultural and cross-cultural communication.
2.	Basics concept of structural and functional grammar; meaning and process of communication, verbal and nonverbal communication.
3.	Knowledge of reading and comprehension of general and technical articles, precise writing, summarizing, abstracting.
4.	Basic concepts of group discussion, organizing seminars and conferences and time management: Personal organization, prioritizing and balancing; Cosmopolitan culture.

Unit	Content	Teaching hours
I	War Minus Shooting- The sporting Spirit. A Dilemma- A layman looks at science Raymond B. Fosdick. You and Your English – Spoken English and broken English G.B. Shaw.	3
II	Reading Comprehension, Vocabulary- Antonym, Synonym, Homophones, Homonyms, often confused words. Exercises to help the students in the enrichment of vocabulary based on TOEFL and other competitive examinations.	4
III	Functional grammar: Articles, Prepositions, Verb, Subject verb Agreement, Transformation, Synthesis, Direct and Indirect Narration. Written Skills: Paragraph writing, Precise writing, Report writing and Proposal writing.	4
IV	The Style: Importance of professional writing. Preparation of Curriculum Vitae and Job applications. Synopsis Writing. Interviews: kinds, Importance and process.	3

Experiment	Topic
1)	Listening Comprehension: Listening to short talks lectures, speeches (scientific, commercial and general in nature).
2)	Oral Communication: Phonetics, stress and intonation,
3)	Conversation practice. Conversation: rate of speech, clarity of voice, speaking.
4)	Listening, politeness & Reading skills: reading dialogues, rapid reading, intensive reading, improving reading skills.
5)	Mock Interviews: testing initiative, team spirit, leadership, intellectual ability.
6)	Group Discussions.

S. No.	Course Outcomes (CO)
CO 1	Knowledge of professional, cultural and cross-cultural communication.
CO 2	Basic knowledge of structural and functional grammar; meaning and process of communication, verbal and nonverbal communication.
CO 3	Reading and comprehension of general and technical articles, precise writing, summarizing, abstracting.
CO 4	Basic concepts of group discussion, organizing seminars and conferences and personal organization, prioritizing and balancing; Cosmopolitan culture, Group discussions.

S.No.	Name of Authors/ Books / Publishers	Year of Publication / Reprint
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1)	Krishnaswamy, N and Sriraman, T. 1995. Current English for Colleges. Macmillan India Ltd. Madras.	1995
2)	Balasubramanyam M. 1985. Business Communication. Vani Educational Books, New Delhi.	1985
3)	Naterop, Jean, B. and Rod Revell. 1997. Telephoning in English. Cambridge University Press, Cambridge.	1997
4)	Mohan Krishna and Meera Banerjee. 1990. Developing Communication Skills. Macmillan India Ltd. New Delhi.	1990

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	2	2	-	-	1	1	-	1	3	2	1	3
CO-2	2	2	2	-	-	1	1	-	1	2	2	1	2
CO-3	1	1	2	-	-	-	-	-	-	1	1	-	2
CO-4	1	1	2	-	-	-	-	-	-	-	-	-	-
Average	1.8	1.5	2	-	-	0.5	0.5	-	0.5	1.5	1.3	0.5	1.8

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1105	Comprehension & Communication Skills in English	1	0	2	30	5	15	50	100	2(1+1)

5. BSAG-1106 Fundamentals of Agronomy 4(3+1)

S. No.	Course Objectives
1.	To provide a basic understanding of emerging problems in the fields of agriculture by organizing visits to agricultural fields, nurseries and orchards.
2.	To bestow knowledge regarding various modern techniques used in farming for sustainable agriculture in India.
3.	To provide a basic understanding of the market and post-harvest handling of agricultural produce and to provide detailed knowledge on the subject to improve the farmer's condition by their contributions regarding basic and modern knowledge about organic farming.
4.	Learn to follow scientific and economic approach along with agricultural production and effective use of land.

Unit	Content	Teaching hours
I	Agronomy and its scope, seeds and sowing, tillage and tilth, crop density and geometry, Crop nutrition, manures and fertilizers, nutrient use efficiency,	10
II	water resources, soil-plant-water relationship, crop water requirement, water use efficiency, irrigation- scheduling criteria and methods, quality of irrigation water, logging.	10
III	Weeds- importance, classification, and crop weed competition, concepts of weed management principles and methods, herbicides- classification, selectivity and resistance, allelopathy.	11
IV	Growth and development of crops, factors affecting growth and development, plant id eotypes, Crop rotation and its principles, adaptation and distribution of crops, crop management technologies in problematic areas, harvesting and threshing of crops.	11

Experiment	Topic
1)	Identification of crops, seeds, fertilizers, pesticides and tillage implements
2)	study of agro climatic zones of India
3)	Identification of weeds in crops,
4)	Methods of herbicide and fertilizer application,
5)	Study of yield contributing characters and yield estimation
6)	Seed germination and viability test,
7)	Numerical exercises on fertilizer requirement,
8)	Study of yield contributing characters and yield estimation
9)	Seed germination and viability test, cc plant population, herbicides and water requirement
10)	Use of tillage implements-reversible plough, one way plough, harrow, leveler, seed drill,
11)	Study of soil moisture measuring devices,
12)	Measurement of field capacity, bulk density and infiltration rate, Measurement of irrigation water.

S. No.	Course Outcomes (CO)
CO 1	Exploits the knowledge developed by basic and allied sciences for higher crop production.
CO 2	Aims at obtaining maximum production at minimum cost.
CO 3	The advancement of knowledge and better understanding of plant and environment, agricultural practices are modified or new practices developed for high productivity.
CO 4	To study the application of basic agronomic methodology for healthy environment and study for optimum growth, management and improvement of field crop with the objective of increasing food, fiber, oil seed and other agriculture products.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Gopal Chandra De. Fundamentals of Agronomy. Oxford and IBH Publishing	1980.
2)	Panda, S.C. .AgronomyAgribios Publication, New Delhi.	2006
3)	Rao V.S., Principles of Weed Science. Oxford and IBH Publishing Co., New Delhi, India.	2006
4)	Gupta, O.P. , Modern Weed Management Agribios India Publication	2008
5)	Palaniappan, S.P., Cropping Systems in the tropics – Principles and Practices. Willey Eastern Ltd., New Delhi.	1996
6)	Reddy, S.R. Principles of Agronomy Kalyani Publishers, Ludhiana, India.	2018
7)	Sankaran, S and Subbiah Mudliyar, V.T. Principles of Agronomy. The Bangalore Printing and Publishing Co. Ltd., Bangalore.	1991

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	2	2	1	2	-	-	-	-	1	-	1	2
CO-2	2	1	2	-	1	1	-	-	-	-	-	-	1
CO-3	2	2	3	-	1	-	1	-	-	1	1	1	1
CO-4	2	3	3	-	1	1	-	-	-	1	-	-	1
Average	2.3	2.0	2.5	1.0	1.3	1.0	1.0	-	-	1.0	1.0	1.0	1.3

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1106	Fundamentals of Agronomy	3	0	2	30	5	15	50	100	4(3+1)

1. BSAG -1107 Introductory Biology (New) 2(1+1) Theory

S. No.	Course Objectives
1.	Basic concepts of diversity, characteristics and origin of living world.
2.	Knowledge of evolution and eugenics and flowering plants, seed and seed germination.
3.	Significance of crop and animals and its classifications.

4.	Basic concepts of Binomial nomenclature and classification Cell and cell division.
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Unit	Content	Teaching hours
I	Introduction to the living world, diversity and characteristics of life, origin of life, Evolution and Eugenics.	4
II	Binomial nomenclature and classification Cell and cell division.	3
III	Morphology of flowering plants. Seed and seed germination.	3
IV	Plant systematic- viz; Brassicaceae, Fabaceae and Poaceae. Role of animals in agriculture.	4

Experiment	Topic
1)	Morphology of flowering plants – root, stem and leaf and their modifications.
2)	Inflorescence, flower and fruits.
3)	Cell, tissues & cell division.
4)	Internal structure of root, stem and leaf.
5)	Study of specimens and slides.
6)	Description of plants - Brassicaceae, Fabaceae and Poaceae.

S. No.	Course Outcomes (CO)
CO 1	Origin of living world- Basic concepts of diversity, characteristics.
CO 2	Evolution and eugenics- Basic concepts and knowledge.
CO 3	Significance of flowering plants, seed and seed germination.
CO 4	Basic concepts of Binomial nomenclature and basic concepts of classification Cell and cell division.

S. No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Botany-An introduction to Plant Biology by James D. Mauseth, Publisher- Continental Prakashan 1962,Pune	1962
2)	A class- book of Botany by A.C. Dutta, Publisher- Oxford University press YMCA Library Building. 1 Jai Singh Road, New Delhi 110001, India	2014-15
3)	Anatomy of seed Plants by A.C. Datta, Singh V. Pande P.G, Publisher- Sai printopack New Delhi Rastogi, Publication Meerut	2007

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	1	2	1	1	1	1	1	1	1	1	1	2
CO-2	2	2	1	2	1	1	-	1	1	-	-	-	1
CO-3	2	2	2	1	-	-	1	1	1	1	1	1	1
CO-4	1	2	1	1	2	1	-	1	1	1	-	-	1
CO-5	-	1	-	-	2	-	-	1	1	3	1	2	1

CO-6	1	1	1	1	1	1	1	1	1	1	1	1	1
Average	1.8	1.5	1.4	1.2	1.4	1.0	1.0	1.0	1.0	1.4	1.0	1.3	1.2

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1107	Rural Sociology & Educational Psychology	2	0	0	40	10	-	50	100	2(2+0)

2. BSAG -1108 Elementary Mathematics (New) 2(2+0) Theory

S. No.	Course Objectives
1.	Basic concepts of mathematics, distance formula, section formula (internal and external division) and knowledge of Equation of co-ordinate axes, Equation of lines parallel to axes.
2.	Knowledge of Parallel lines, Perpendicular lines, Angle of bisectors between two lines, Area of triangle and quadrilateral.
3.	General equation of a circle, Equation of circle passing through three given points.
4.	Basics of Differential Calculus Definition of function, limit and continuity, Simple problems on limit.

Unit	Content	Teaching hours
I	Straight lines : Distance formula, section formula (internal and external division), Change of axes (only origin changed), Equation of co-ordinate axes, Equation of lines parallel to axes, Slope-intercept form of equation of line, Slope-point form of equation of line, Two point form of equation of line, Intercept form of equation of line, Normal form of equation of line, General form of equation of line, Point of intersection of two straight lines, Angles between two straight lines, Parallel lines, Perpendicular lines, Angle of bisectors between two lines, Area of triangle and quadrilateral.	8
II	Circle: Equation of circle whose centre and radius is known, General equation of a circle, Equation of circle passing through three given points, Equation of circle whose diameter is line joining two points (x_1, y_1) & (x_2, y_2) , Tangent and Normal to a given circle at given point (Simple problems), Condition of tangency of a line $y = m x + c$ to the given circle $x^2 + y^2 = a^2$.	6

III	Differential Calculus: Definition of function, limit and continuity, Simple problems on limit, Simple problems on continuity, Differentiation of x^n , e^x , $\sin x$ & $\cos x$ from first principle, Derivatives of sum, difference, product and quotient of two functions, Differentiation of functions of functions (Simple problem based on it), Logarithmic differentiation (Simple problem based on it), Differentiation by substitution method and simple problems based on it, Differentiation of Inverse Trigonometric functions. Maxima and Minima of the functions of the form $y=f(x)$ (Simple problems based on it).	8
IV	Integral Calculus : Integration of simple functions, Integration of Product of two functions, Matrices and Determinants: Definition of Matrices, Addition, Subtraction, Multiplication, Transpose and Inverse upto 3rd order, Properties of determinants up to 3 rd order and their evaluation.	6

S. No.	Course Outcomes (CO)
CO 1	Students will have basic knowledge of distance formula, section formula (internal and external division) and knowledge of Parallel lines, Perpendicular lines, Angle of bisectors between two lines, Area of triangle and quadrilateral.
CO 2	Basics of Circle: Equation of circle whose centre and radius is known, General equation of a circle, Equation of circle passing through three given points.
CO 3	Differentiation of x^n , e^x , $\sin x$ & $\cos x$ from first principle, Derivatives of sum, difference, product and quotient of two functions.
CO 4	Logarithmic differentiation (Simple problem based on it).

S. No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	A Text Book of Mathematics, 11th Part-I and Part II, 12th Part-I and Part-II Maharashtra State Board of secondary and Higher secondary Education-Pune.	2012
2)	Mensuration- I by Pierpoint.	2011
3)	A text book Agricultural Mathematics by Ms. A. A. Chaudhari et.al.	2014

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	2	-	1	2	1	-	-	-	-	-	-	-	-
CO-2	2	-	1	2	1	-	-	-	-	-	-	-	-
CO-3	1	-	1	2	1	-	-	-	-	-	-	-	-
CO-4	2	1	1	2	2	1	1	-	-	-	-	-	-
Average	1.8	1.0	1.0	2.0	1.3	1.0	1.0	-	-	-	-	-	-

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1108	Elementary Mathematic	2	0	0	40	10	-	50	100	2(2+0)

3. BSAG -1109 Agricultural Heritage (New Course)1(1+0) Theory

S. No.	Course Objectives
1.	Basic knowledge of Agriculture and heritage.
2.	Status of agriculture and farmers in society, indigenous traditional knowledge of farmers.
3.	Knowledge to increase the production and productivity of Agriculture and significance of Crop and its classifications.
4.	Current scenario of Indian agriculture; Indian agricultural concerns and future prospects.

Unit	Content	Teaching hours
I	Introduction of Indian agricultural heritage; Ancient agricultural practices, Relevance of heritage to present day agriculture;	3
II	Past and present status of agriculture and farmers in society; Journey of Indian agriculture and its development from past to modern era;	3
III	Plant production and protection through indigenous traditional knowledge; Crop voyage in India and world; Agriculture scope; Importance of agriculture and agricultural resources available in India;	4
IV	Crop significance and classifications; National agriculture setup in India; Current scenario of Indian agriculture; Indian agricultural concerns and future prospects.	4

S. No.	Course Outcomes (CO)
CO 1	Agriculture and heritage-basic knowledge and concepts.
CO 2	Basics and concepts of indigenous traditional knowledge and status of farmers.
CO 3	Importance of agriculture and agricultural resources available in India.
CO 4	classifications of crop and its significance to farmers and Indian agriculture Current scenario and future prospects.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
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1)	Nene, Y.L. and Choudhary, S.L. (2002). Agricultural heritage of India. <i>Asian Agri.History foundation, Secundrabad.</i>	2002
2)	Randhawa, M.S., (1980-86). A history of Agriculture in India. Vol. I, II, III and IV. <i>Indian council of Agricultural Research, New Delhi.</i>	1980
3)	Raychaudhuri, S.P. (1964). Agriculture in ancient India. Indian council of Agricultural Research, New Delhi.	1964
4)	Ayachit, S.M. (Tr) 2002. KashyapiyaKrishisukti (A treatise on Agriculture by Kashyapa). Agri. – History Billetin No. 4. Asian – Agri. History foundation, Secundrabad	2002

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	2	-	-	2	1	-	-	1	1	1	-	-
CO-2	3	2	2	2	1	1	2	2	2	2	1	-	1
CO-3	1	1	1	1	2	-	-	-		1		1	2
CO-4	2	2	1	1	2	1	-	-	-	1	-	-	1
CO-5	1	1	-	-	1	1	-	-	1	1	-	2	2
CO-6	3	2	2	-	1	1	2	2	2	2	1	-	1
Average	2.2	1.7	1.5	1.3	1.5	1.0	2.0	2.0	1.5	1.3	1.0	1.5	1.4

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1109	Agriculture Heritage	1	0	0	40	10	-	50	100	1(1+0)

4. BSAG -1110 Rural Sociology & Educational Psychology 1(1+0) Theory

S. No.	Course Objectives
1.	Basics of Sociology and Rural sociology and in depth knowledge of study of Social Groups, Social Stratification, Culture concept.
2.	Knowledge of Functional literacy, non-formal education of rural youth and basics to eradicate social evils, awareness programmes, consumer awareness.
3.	Educational psychology: Meaning & its importance in agriculture extension.
4.	Basic knowledge of Personality, Learning, Motivation, Theories of Motivation.

Unit	Content	Teaching hours
I	Sociology and Rural sociology: Definition and scope, its significance in agriculture extension, Social Ecology, Rural society, Social Groups, Social Stratification.	4
II	Culture concept, Social Institution, Social Change & Development.	3
III	Educational psychology: Meaning & its importance in agriculture extension.	3
IV	Behavior: Cognitive, affective, psychomotor domain, Personality, Learning, Motivation, Theories of Motivation, Intelligence.	4

S. No.	Course Outcomes (CO)
CO 1	Students will have knowledge of Sociology and Rural sociology.
CO 2	Knowledge of Functional literacy, non-formal education of rural youth.
CO 3	Students will have knowledge of Educational psychology: Meaning & its importance in agriculture extension.
CO 4	Basic knowledge of Personality, Learning, Motivation, Theories of Motivation.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Ray, G.L., Extension Communication and Management. Kalyani Publishers. Fifth revised and enlarged edition.	2003
2)	Dahama, O.P. and Bhatnagar, O.P. (2003). Education and Communication for Development. Oxford and IBH Publishing Co. Pvt. Ltd.	2003
3)	Chitambar, J.B. (2008). Introductory Rural Sociology. New Age International (P)Limited.	2008
4)	Sachdeva, D. R. and Bhushan, V (2007). An Introduction to Sociology. KitabMahal Agency.	2007

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	1	2	1	1	1	1	1	1	1	1	1	2
CO-2	2	2	1	2	1	1	-	1	1	-	-	-	1
CO-3	2	2	2	1	-	-	1	1	1	1	1	1	1

CO-4	1	2	1	1	2	1	-	1	1	1	-	-	1
CO-5	-	1	-	-	2	-	-	1	1	3	1	2	1
CO-6	1	1	1	1	1	1	1	1	1	1	1	1	1
Average	1.8	1.5	1.4	1.2	1.4	1.0	1.0	1.0	1.0	1.4	1.0	1.3	1.2

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1110	Rural Sociology & Educational Psychology	2	0	0	40	10	-	50	100	2(2+0)

5. BSAG-1111 Human Value and Ethics1(1+0) Theory

S. No.	Course Objectives
1.	To understand value and ethics, goal and mission of life.
2.	To solve case study of ethical lives.
3.	To understand basic knowledge of decision making.
4.	To understand basic knowledge of motivation.

Unit	Content	Teaching hours
I	Values and Ethics-An Introduction. Goal and Mission of Life. Vision of Life.	3
II	Principles and Philosophy. Self Exploration. Self Awareness. Self Satisfaction. Decision Making. Motivation.	4
III	Sensitivity. Success. Selfless Service. Case Study of Ethical Lives. Positive Spirit.	3
IV	Body, Mind and Soul. Attachment and Detachment. Spirituality Quotient. Examination.	4

S. No.	Course Outcomes (CO)
CO 1	Understand value and ethics of life.
CO 2	Acquaint principals and philosophy in life.
CO 3	Understand mission and vision of life and Understand Case on ethical lives and spirituality.
CO 4	Understand importance of motivation.

S. No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Gaur RR, Sangal R & Bagaria GP. 2011. A Foundation Course in Human Values and Professional Ethics. Excel Books.	2011
2)	Nagrajan R. S. 2006. Professional Ethics and Human Values. Text book. New Age International (P) Ltd Publishers.	2006
3)	Sharma RP & Sharma M. 2011. Value Education and Professional Ethics. Kanishka Publishers.	2011
4)	Srivastava S. 2011. Human Values and Professional Ethics. SK Kataria & Sons.	2011

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	-	1	1	-	-	2	-	-	2	2	-	1	-
CO-2	-	1	1	-	-	2	-	-	2	2	-	1	-
CO-3	-	1	1	-	-	2	-	-	2	2	-	1	-
CO-4	-	1	1	-	-	2	-	-	2	2	-	1	-
Average	-	1.0	1.0	-	-	2.0	-	-	2.0	2.0	-	1.0	-

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1111	Human Values & Ethics (non gradial)	1	0	0	40	10	-	50	100	1(1+0)

SEMESTER - II**1. BSAG-1201 Fundamentals of Genetics3(2+1) Theory**

S. No.	Course Objectives
1.	Basic knowledge of concept and history of genetics and to learn about the Mendelian Genetics.
2.	To impart the knowledge of the structure and functions of different cell organelles.
3.	To familiarize the students about the basics of gene interactions and genetic variance.
4.	To study the replication, transcription and translation in prokaryotes and eukaryotes.

Unit	Content	Teaching hours
I	Pre and Post Mendelian concepts of heredity, Mendelian principles of heredity. Architecture of chromosome; chromonemata, chromosome matrix, chromomeres, centromere, secondary constriction and telomere; special types of chromosomes. Chromosomal theory of inheritance-cell cycle and cell division-mitosis and meiosis	7
II	Probability and Chi-square. Dominance relationships, Epistatic interactions with example. Multiple alleles, pleiotropism and pseudoalleles, Sex determination and sex linkage, sex limited and sex influenced traits,	6
III	Blood group genetics, Linkage and its estimation, crossing over mechanisms, chromosome mapping. Structural and numerical variations in chromosome and their implications, Use of haploids, dihaploids and double dhaploids in Genetics. Mutation, classification, Methods of inducing mutations & CIB technique, mutagenic agents and induction of mutation.	7
IV	Qualitative & Quantitative traits, Polygenes and continuous variations, multiple factor hypothesis, Cytoplasmic inheritance. Genetic disorders. Nature, structure & replication of genetic material. Protein synthesis, Transcription and translation mechanism of genetic material, Gene concept: Gene structure, function and regulation, Lac and Trp operons.	8

Experiment	Topic
1)	Study of microscope.
2)	Study of cell structure.
3)	Mitosis and Meiosis cell division.
4)	Experiments on monohybrid, dihybrid, trihybrid, test cross and back cross,
5)	Experiments on probability and Chi-square test. Determination of linkage and cross-over analysis.
6)	Experiments on epistatic interactions including test cross and back cross, Practice on mitotic and meiotic cell division,
7)	Two-point test cross and three-point test cross data. Study on sex linked inheritance in <i>Drosophila</i> .
8)	Study of models on DNA and RNA structures.

S. No.	Course Outcomes (CO)
CO 1	Students learned about the definition, history and concept of genetics and Know the experiments performed by Mendel and also the Mendel's Law.
CO 2	Students familiarize with the different cell organelles, structure and functions.
CO 3	Gained the knowledge of the various gene interactions, cytoplasmic genes and the genetic variance.
CO 4	Studied the mechanism of replication, transcription and translation in both prokaryotes and eukaryotes.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Principle of Genetics, E.J.Gardner, M.J. Simmons, D.P. Snustad Wiley India (P)Ltd.	1981
2)	Fundamentals of Genetics, B. D. Singh Kalyani Publication, New Delhi.	2014
3)	Genetics Sushant Elrod and William Stansfield McGraw Hill Publishing company Limited, New Delhi.	2017
4)	Elements of Genetics Phundansingh Kalyani Publication, New Delhi	2010
5)	Genetics M.W. Strickbearger Pearson education, Inc.	1985

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	2	1	1	2	1	-	-	-	-	-	-	2
CO-2	3	2	2	3	3	3	-	-	-	-	-	-	2
CO-3	2	2	1	2	2	2	1	-	-	-	-	-	2
CO-4	2	1	1	3	2	1	1	-	-	-	-	-	2
Average	2.5	1.8	1.3	2.3	2.3	1.8	1.0	-	-	-	-	-	2.0

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1201	Fundamentals of Genetics	2	0	2	30	5	15	50	100	3(2+1)

2. BSAG-1202 Agricultural Microbiology 2(1+1) Theory

S. No.	Course Objectives
1.	To know about microbes structure.
2.	Familiar with different types of useful microbes in agriculture.
3.	Knowledge of microbiology in silage production, biofertilizers, biopesticides, biofuel production and biodegradation of agro-waste.
4.	Knowledge of different microbes, their mode of reproduction, genetics

Unit	Content	Teaching hours
I	Introduction. Microbial world: Prokaryotic and eukaryotic microbes. Bacteria: cell structure, chemoautotrophy, photo autotrophy, growth. Bacterial genetics: Genetic recombination transformation, conjugation and transduction, plasmids, transposon.	4
II	Role of microbes in soil fertility and crop production: Carbon, Nitrogen, Phosphorus and Sulphur cycles.	3
III	Biological nitrogen fixation- symbiotic, associative and asymbiotic. Azolla, blue green algae and mycorrhiza. Rhizosphere and phyllosphere.	4
IV	Microbes in human welfare: silage production, biofertilizers, biopesticides, biofuel production and biodegradation of agro-waste	3

Experiment	Topic
1)	Introduction to microbiology laboratory and its equipments;
2)	Microscope- parts, principles of microscopy, resolving power and numerical aperture.
3)	Methods of sterilization. Nutritional media and their preparations.
4)	Enumeration of microbial population in soil- bacteria, fungi, actinomycetes.
5)	Methods of isolation and purification of microbial cultures.
6)	Isolation of <i>Rhizobium</i> from legume root nodule.
7)	Isolation of <i>Azotobacter</i> from soil.
8)	Isolation of <i>Azospirillum</i> from roots.
9)	Isolation of BGA.
10)	Staining and microscopic examination of microbes.

S. No.	Course Outcomes (CO)
CO 1	Student is able to know regarding microbial world, cell structure, Prokaryotic and eukaryotic microbes.
CO 2	Learn about Bacterial genetics, Role of microbes in soil fertility and crop production.
CO 3	Students are able to know about sowing time of different varieties according to temperature.

CO 4	Regarding atmospheric biological nitrogen fixation, Rhizosphere and phyllosphere and by the end of course students will be able to understand the role of microbes in human welfare.
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S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1	R P Singh, General Microbiology. Kalyani Publishers.	2007
2	Sullia, S.B, and Shantaram. General Microbiology. Oxford and IBH.	1998
3	Jamaluddin, M. Malvidya, N. and Sharma, A. General Microbiology. Scientific Publishers, Washington.	2006
4	Prescott, L.M. Harley, J.P. and Klein, D.A (5ed) 2002. Microbiology. Mc Graw Hill Publishers, Newyork	2002

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	3	3	2	3	3	2	-	1	1	-	1	-
CO-2	3	3	3	2	3	3	2	-	1	1	-	1	-
CO-3	3	3	3	2	3	3	2	-	1	1	-	1	-
CO-4	3	2	2	2	2	3	2	-	1	1	-	1	-
Average	3.0	2.8	2.0	2.0	2.8	3.0	2.0	-	1.0	1.0	-	1.0	-

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1202	Agricultural Microbiology	1	0	2	30	5	15	50	100	2(1+1)

3. BSAG-1203 Soil and Water Conservation Engineering 2(1+1) Theory

S. No.	Course Objectives
1.	To introduce the concept of soil and water conservation.
2.	To learn about the meaning, definition and agents of soil erosion.
3.	To study about the soil estimation and soil loss measurement techniques.
4.	To familiarize the students about the concept of contouring and To aware the students about the water harvesting and its techniques.

Unit	Content	Teaching hours
I	Introduction to Soil and Water Conservation causes of soil erosion. Definition and agents of soil erosion, water erosion: Forms of water erosion. Gully classification and control measures.	5
II	Soil loss estimation by universal Loss Soil Equation. Soil loss measurement techniques. Principles of erosion control: Introduction to contouring, strip cropping. Contour bund. Graded bund and bench terracing.	6
III	Grassed water ways and their design. Water harvesting and its techniques.	4
IV	Wind erosion: mechanics of wind erosion, types of soil movement. Principles of wind erosion control and its control measures.	5

Experiment	Topic
1)	General status of soil conservation in India.
2)	Calculation of erosion index.
3)	Estimation of soil loss.
4)	Measurement of soil loss.
5)	Preparation of contour maps.
6)	Design of grassed water ways.
7)	Design of contour bunds.
8)	Design of graded bunds.
9)	Design of bench terracing system.
10)	Problem on wind erosion.

S. No.	Course Outcomes (CO)
CO 1	Students learned about the meaning, definition and concept of soil and water conservation.
CO 2	Learned about the meaning, definition and agents of soil erosion.
CO 3	Students learned about the soil estimation and soil loss measurement techniques.
CO 4	Students knew about the concept of contouring and Familiarized about the water harvesting and its techniques.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Principles of Agril. Engg.- Vol – II by A. M. Maichael & T. P. Ojha Jain Brothers, New Delhi	2011

2)	Soil and Water Conservation Engineering by R. Suresh, Standard Publishers Distributrs, Delhi	2000
3)	Soil Conservation in India by Rama Rao M.S.V. ICAR, New Delhi.	1974
4)	Agricultural Engineer's Handbook by Richey <i>et al</i> Tata McGraw-Hill Publishing Company Ltd, Nw York	1961

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	2	2	2	1	1	2	1	-	-	2	1	1	2
CO-2	2	1	2	1	1	1	1	-	-	1	-	-	3
CO-3	2	1	-	1	-	-	1	-	-	2	-	2	1
CO-4	1	2	1	1	1	2	1	-	-	1	2	1	2
Average	1.8	1.5	1.7	1.0	1.0	1.7	1.0	-	-	1.5	1.5	1.3	2.0

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1203	Soil and Water Conservation Engineering	1	0	2	30	5	15	50	100	2(1+1)

4. BSAG-1204 Fundamentals of Crop Physiology2(1+1)

S. No.	Course Objectives
1.	To introduce the basic knowledge of crop physiology.
2.	To introduce the history of crop physiology
3.	To introduce the recent advances in crop physiology
4.	To familiar students different practical aspects of crop physiology.

Unit	Content	Teaching hours
I	Introduction to crop physiology and its importance in Agriculture; Plant cell: an Overview; Diffusion and osmosis; Absorption of water, transpiration and Stomatal Physiology;	3
II	Mineral nutrition of Plants: Functions and deficiency symptoms of nutrients, nutrient uptake mechanisms; Photosynthesis: Light and Dark reactions, C3, C4 and CAM plants;	4

III	Respiration: Glycolysis, TCA cycle and electron transport chain; Fat Metabolism: Fatty acid synthesis and Breakdown;	3
IV	Plant growth regulators: Physiological roles and agricultural uses, Physiological aspects of growth and development of major crops: Growth analysis, Role of Physiological growth parameters in crop productivity.	4

Experiment	Topic
1)	Study of plant cells
2)	Structure and distribution of stomata
3)	Imbibition, osmosis, plasmolysis, measurement of root pressure
4)	Rate of transpiration, Separation of photosynthetic pigments through paper chromatography,
5)	Rate of transpiration, photosynthesis, respiration, tissue test for mineral nutrients,
6)	Estimation of relative water content,
7)	Measurement of photosynthetic CO ₂ assimilation by Infra-Red Gas Analyzer (IRGA).

S. No.	Course Outcomes (CO)
CO 1	Able to know what are the basic technologies involved in physiology and how they are used in crop improvement.
CO 2	Can use the basic knowledge regarding plant physiology in crop improvement.
CO 3	Impart knowledge to the students on different plant metabolic processes and their functions in plants.
CO 4	By the end of course the students will be able to study the growth and development of plants and study of nutrients and plant growth regulator and their applications in agriculture.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	A Text Book Plant Physiology Dr. V. Verma Emkay Publisher, Delhi-110 051	2005
2)	Plant Physiology C. P. Malik Kalyani Publisher, Ludhiana	2005
3)	Plant physiology S. Mukharji and A. K. Ghosh New central book agency, Kolkatta	2005
4)	Plant physiology Taiz & Zeiger, E Sinaurasso. Inc, USA	2010
5)	Plant Physiology – fundamentals & applications Arvind kumar & S. S. Purohit Agrobios(India), Jodhpur	2005

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4

CO-1	3	2	2	2	1	2	2	1	-	-	-	1	-
CO-2	3	2	2	2	1	2	2	1	-	-	-	1	-
CO-3	3	2	2	2	1	2	2	1	-	-	-	1	-
CO-4	3	2	2	2	1	2	2	1	-	-	-	1	-
Average	3.0	2.0	2.0	2.0	1.0	2.0	2.0	1.0	-	-	-	1.0	-

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1204	Fundamentals of Crop Physiology	1	0	2	30	5	15	50	100	2(1+1)

5. BSAG-1205 Fundamentals of Agricultural Economics 2(2+0) Theory

S. No.	Course Objectives
1.	To understand scope and nature of economics.
2.	To understand basic concepts of desire, demand and supply.
3.	To understand consumer's equilibrium, price determination and how to run industry.
4.	To understand money barter system, inflation, deflation and To understand role of banking in modern economy and elements of economics.

Unit	Content	Teaching hours
I	<i>Economics</i> : Meaning, scope and subject matter, definitions, activities, approaches to economic analysis; micro and macroeconomics, positive and normative analysis. Nature of economic theory; rationality assumption, concept of equilibrium, economic laws as generalization of human behavior. Basic concepts: Goods and services, desire, want, demand, utility, cost and price, wealth, capital, income and welfare.	6
II	Agricultural economics: meaning, definition, characteristics of agriculture, importance and its role in economic development. Agricultural planning and development in the country. <i>Demand</i> : meaning, law of demand, schedule and demand curve, determinants, utility theory; law of diminishing marginal utility, equi-marginal utility principle. Consumer's equilibrium and derivation of demand curve, concept of consumer surplus. Elasticity of demand: concept and measurement of price elasticity, income elasticity and cross elasticity.	7

III	Production: process, creation of utility, factors of production, input output relationship. <i>Lawsofreturns</i> : Law ofvariableproportionsandlawofreturnstoscale. <i>Cost</i> : concepts, short run and long run cost curves. Supply: Stock v/s supply, law of supply, schedule, supply curve, determinants of supply, elasticity of supply. Market structure: meaning and types of market, basic features of perfectly competitive and imperfectmarkets. Price determination under perfect competition; short run and long run equilibriumoffirm and industry, shut down and break even points. Distribution theory: meaning, factor market and pricing of factors of production. Concepts of rent, wage, interest and profit.	8
IV	<i>National income</i> : Meaning and importance, circular flow, concepts of national income accounting and approaches to measurement, difficulties in measurement. Population: Importance, Malthusian and Optimum population theories, natural and socioeconomicdeterminants, current policies and programmes on population control. Money: Barter system of exchange and its problems, evolution, meaning and functions of money, classification of money, supply, general price index, inflation and deflation. Banking: Role in modern economy, types of banks, functions of commercial and central bank, credit creation policy.	7

S. No.	Course Outcomes (CO)
CO 1	Students will learn scope and nature of economics and Students will learn basic concepts of desire, demand and supply.
CO 2	Students will understand consumer's equilibrium, price determination and how to run industry.
CO 3	They will understand how money barter system, inflation, deflation.
CO 4	They will understand role of banking in modern economy and elements of economics.

S. No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Dewett, K.K. and Chand, A.2009 Modern Economic Theory S. Chand and Co.,New Delhi	2009
2)	Dewett, K.K. and Varma, J.D. 1986 Elementary Economics S. Chand and Co., New Delhi.	1986
3)	Subba Reddy, S, Raghu Ram, P., Sastry, T.V.N. and Bhavani Devi, I. 2010	2010
4)	Jhingan, M.L.1990 Advanced Economic Theory Vikas Publishing House, New Delhi	1990

Articulated Attainment

COs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	2	1	1	1	3	2	-	-	3	1	-	3	-
CO-2	2	1	2	1	3	2	-	-	3	1	-	3	-
CO-3	2	1	1	1	3	2	-	-	3	1	-	3	-

CO-4	2	1	1	1	3	2	-	-	3	1	-	3	-
CO-5	2	1	1	1	3	2	-	-	3	1	-	3	-
Average	2.0	1.0	1.3	1.0	3.0	2.0	-	-	3.0	1.0	-	3.0	-

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1205	Fundamentals of Agricultural Economics	2	0	0	40	10	-	50	100	2(2+0)

6. BSAG-1206 Fundamentals of Plant Pathology 4(3+1) Theory

S. No.	Course Objectives
1.	To learn about Plant Pathology, concepts, nomenclature, classification and characters of pathogens.
2.	To develop understanding of disease identification, nature of pathogens and different strategies for management of plant diseases.
3.	To learn for applying principles and methods for plant disease management and to learn for applying fungicides and antibiotics (mode of action and formulations) on the basis of Nature of pathogen.
4.	To develop the skills of crops diseases identification and marketing of relevant pesticides.

Unit	Content	Teaching hours
I	<i>Introduction:</i> Importance of plant diseases, scope and objectives of Plant Pathology. History of Plant Pathology with special reference to Indian work. Terms and concepts in Plant Pathology. Pathogenesis. Causes / factors affecting disease development: disease triangle and tetrahedron and classification of plant diseases. Important plant pathogenic organisms, different groups: fungi, bacteria, fastidious vesicular bacteria, phytoplasmas, spiroplasmas, viruses, viroids, algae, protozoa, phanerogamic parasites and nematodes with examples of diseases caused by them.	11
II	Diseases and symptoms due to abiotic causes. <i>Fungi:</i> general characters, definition of fungus, somatic structures, types of fungal thalli fungal tissues, modifications of thallus, reproduction (asexual and sexual). Nomenclature, Binomial system of nomenclature, rules of nomenclature, classification of fungi. Key to divisions, sub-divisions, orders and classes.	10

III	<i>Bacteria and mollicutes</i> : general morphological characters. Basic methods of classification and reproduction. <i>Viruses</i> : nature, structure, replication and transmission. Study of phanerogamic plant parasites. <i>Nematodes</i> : General morphology and reproduction, classification, symptoms and nature of damage caused by plant nematodes (<i>Heterodera</i> , <i>Meloidogyne</i> , <i>Anguina</i> , <i>Radopholus</i> etc.)	11
IV	Growth and reproduction of plant pathogens. Liberation / dispersal and survival of plant pathogens. Types of parasitism and variability in plant pathogens. Pathogenesis. Role of enzymes, toxins and growth regulators in disease development. Defense mechanism in plants. Epidemiology: Factors affecting disease development. Principles and methods of plant disease management. Nature, chemical combination, classification, mode of action and formulations of fungicides and antibiotics.	10

Experiment	Topic
1)	Acquaintance with various laboratory equipment and microscopy.
2)	Collection and preservation of disease specimen.
3)	Preparation of media, isolation and Koch's postulates.
4)	General study of different structures of fungi.
5)	Study of symptoms of various plant diseases.
6)	Study of representative fungal genera
7)	Staining and identification of plant pathogenic bacteria. Transmission of plant viruses.
8)	Study of phanerogamic plant parasites.
9)	Study of morphological features and identification of plant parasitic nematodes.
10)	Sampling and extraction of nematodes from soil and plant material, preparation of nematode mounting.
11)	Study of fungicides and their formulations. Methods of pesticide application and their safe use.
12)	Calculation of fungicide sprays concentrations.

S. No.	Course Outcomes (CO)
CO 1	Student will acquaint about concepts of plant pathogens, major disease causing organisms and their etiology.
CO 2	To provide specific knowledge about host pathogen interactions.
CO 3	Recognition of plant disease is the first step in doing something about them.
CO 4	To give specific knowledge about environment and disease development.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Agrios, GN. 2010. Plant Pathology. Acad. Press.	2010
2)	Singh RS. 2008. Plant Diseases.8th Ed. Oxford & IBH. Pub. Co.	2008
3)	Singh RS. 2013. Introduction to Principles of Plant Pathology. Oxford and IBH Pub. Co.	2013
4)	Verma JP. 1998. The Bacteria. Malhotra Publ. House, New Delhi.	1998
5)	Goto M. 1990. Fundamentals of Plant Bacteriology. Academic Press, New York.	1990

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	3	1	1	1	1	-	2	-	-	-	-	-	-
CO-2	3	1	1	1	1	-	2	-	-	-	-	-	-
CO-3	2	1	1	2	-	-	1	-	-	-	-	-	-
CO-4	2	1	1	1	1	-	-	-	-	-	-	-	-
CO-5	2	1	1	1	-	-	1	-	-	-	-	-	-
Average	2.4	1.0	1.0	1.2	1.0	-	1.5	-	-	-	-	-	-

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1206	Fundamentals of Plant Pathology	3	0	2	30	5	15	50	100	4(3+1)

7. BSAG-1207 Fundamentals of Entomology 4(3+1) Theory

S. No.	Course Objectives
1.	To educate the basic concept of entomology, insect collection and preservation, dissection, and morphology of insects and to develops an understanding of anatomy, physiology, the taxonomy of insects, and the effect of biotic and abiotic factors on insects.
2.	To demonstrate the principles of Pest surveillance, Pest forecasting, recent and traditional methods of pest management including IPM.
3.	To enable to evaluate the economic importance of insects and eco-friendly control measures for pest management to sustainable agriculture.

4.	To learn formulating the application of Insecticides and mass production techniques of Bio-control agents.
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Unit	Content	Teaching hours
I	History of Entomology in India. Major points related to dominance of Insecta in Animal kingdom. Classification of phylum Arthropoda upto classes. Relationship of class Insecta with other classes of Arthropoda. Morphology: Structure and functions of insect cuticle and molting. Insect Ecology: Introduction, Environment and its components. Effect of abiotic factors–temperature,moisture,humidity,rainfall,light,atmosphericpressureandair currents. Effect of biotic factors – food competition, natural and environmental resistance.	10
II	Body segmentation. Structure of Head, thorax and abdomen. Structure and modifications of insect antennae, mouth parts, legs, Wing venation, modifications and wing coupling apparatus. Structure of male and female genital organ. Metamorphosis and diapause in insects. Types of larvae and pupae. Structure and functions of digestive, circulatory, excretory, respiratory, nervous, secretary (Endocrine) and reproductive system, in insects. Types of reproduction in insects. Major sensory organs like simple and compound eyes, chemoreceptor.	10
III	Systematics: Taxonomy –importance, history and development and binomial nomenclature. Definitions of Biotype, Sub-species, Species, Genus, Family and Order.ClassificationofclassInsecta uptoOrders,basicgroupsofpresentdayinsects with special emphasis to orders and families of Agricultural importance like Orthoptera: Acrididae, Tettigonidae, Gryllidae, Gryllotalpidae; Dictyoptera: Mantidae, Blattidae; Odonata; Isoptera: Termitidae; Thysanoptera:Thripidae;	10
IV	Hemiptera: Pentatomidae, Coreidae, Cimicidae, Pyrrhocoridae, Lygaeidae, Cicadellidae, Delphacidae, Aphididae, Coccidae, Lophophidae, Aleurodidae, Pseudococcidae; Neuroptera: Chrysopidae; Lepidoptera: Pieridae, Papiloinidae, Noctuidae, Sphingidae, Pyralidae, Gelechiidae, Arctiidae, Saturnidae, Bombycidae; Coleoptera: Coccinellidae, Chrysomelidae, Cerambycidae, Curculionidae, Bruchidae,Scarabaeidae;Hymenoptera:Tenthridinidae,Apidae.Trichogrammatidae, Ichneumonidae, Braconidae, Chalcididae; Diptera: Cecidomyiidae, Tachinidae, Agromyziidae, Culicidae,Muscidae,Tephritidae.	12

Experiment	Topic
1)	Methods of collection and preservation of insects including immature stages;
2)	External features of Grasshopper/Blister beetle;
3)	Types of insect antennae, mouthparts and legs; Wing venation, types of wings and wing coupling apparatus.
4)	Types of insect larvae and pupae;
5)	Dissection of digestive system in insects (Grasshopper);

6)	Dissection of male and female reproductive systems in insects (Grasshopper);
7)	Study of characters of orders Orthoptera, Dictyoptera, Odonata, Isoptera, Thysanoptera, Hemiptera, Lepidoptera, Neuroptera, Coleoptera, Hymenoptera, Diptera and their families of agricultural importance.
8)	Insecticides and their formulations.
9)	Pesticide appliances and their maintenance.
10)	Sampling techniques for estimation of insect population and damage.

S. No.	Course Outcomes (CO)
CO 1	To be able to identify morphological characteristics, feeding habit and habitat of agriculturally important insect-pest.
CO 2	To be able to apply concepts and analytical approaches in evolutionary biology, genetics and other areas of insect biology of the student's choice.
CO 3	To be able to categorize insects based on basic ecological, behavioural, morphological, physiological, or developmental attributes and to be able to examine insects deeply within a biological level of analysis and make strategies for successful pest management strategy.
CO 4	To be able to understand about different families and orders of class Insecta which cause economic losses for human beings.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Chapman, R. F. – The Insects : Structure and Functions	1969
2)	Pant N.C. and Swaraj Ghai – Insect Physiology and Anatomy	1981
3)	Nayar, K. K.; Anathkrishanan T.N. and B.V.David – General and Applied Entomology	1976
4)	David, B. V. and T. Kumarswami – Elements of Economic Entomology	2015

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	1	1	1	1	1	2	1	-	-	2	2	1	2
CO-2	2	2	1	1	-	1	1	-	-	1	-	-	1
CO-3	1	1	-	1	2	-	1	-	-	2	-	2	1
CO-4	1	2	2	1	1	2	1	-	-	1	1	1	2
CO-5	1	-	2	-	1	-	-	-	-	-	-	1	-
Average	1.2	1.5	1.5	1.0	1.3	1.7	1.0	-	-	1.5	1.5	1.3	1.5

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
		L	T	P	Internal Exam			External Theory Exam	Subject Total	
					Midterm Theory Exam	Assignment	Practical			
BSAG-1207	Fundamentals of Entomology	3	0	2	30	5	15	50	100	4(3+1)

8. BSAG-1208 Fundamentals of Agricultural Extension Education3(2+1) Theory

S. No.	Course Objectives
1.	To acquaint knowledge on meaning, concept, objectives, principles, philosophy of extension management and to develop an understanding on the process, steps, principles and monitoring and evaluation involved in agricultural extension programme development for transfer of technology.
2.	To develop skills about genesis of agricultural extension, extension efforts in pre- and post independence era along with specific agricultural programmes and to apply new trends in agricultural extension like private extension, market led extension, expert systems, farmer led extension and cyber extension.
3.	To enable to evaluate different facets of rural development programmes, community development programmes, rural leadership for capacity development of extension clientele.
4.	To learn about apply communication strategies using agricultural journalism for innovation, diffusion and adoption of agricultural technologies by applying various models of communication and transfer of technology.

Unit	Content	Teaching hours
I	Education: Meaning, definition & Types; Extension Education- meaning, definition, scope and process; objectives and principles of Extension Education; Extension Programme planning Meaning, Process, Principles and Steps in Programme Development. Extension systems in India: extension efforts in pre-independence era (Sriniketan, Marthandam, Firka Development Scheme, Gurgaon Experiment, etc.) and post- independence era (Etawah Pilot Project, Nilokheri Experiment, etc.); various extension/ agriculture development programmes launched by ICAR/ Govt. of India (IADP, IAAP, HYVP, KVK, IVLP, ORP, ND,NATP, NAIP, etc.).	10
II	New trends in agriculture extension: privatization extension, cyber extension/e-extension, market- led extension, farmer-led extension, expert systems, etc. Rural Development: concept, meaning, definition; various rural development programmes launched by Govt. of India. Community Dev.-meaning, definition, concept & principles, Philosophy of C.D. Rural Leadership: concept and definition, types of leaders in rural context; extension administration: meaning and concept, principles and functions.	8
III	Monitoring and evaluation: concept and definition, monitoring and evaluation of extension programmes; transfer of technology: concept and models, capacity building of extension personnel; extension teaching methods: meaning, classification, individual, group and mass contact methods, ICT Applications in TOT (New and Social Media), media mix strategies; communication: meaning and definition;	6
IV	Principles and Functions of Communication, models and barriers to communication. Agriculture journalism; diffusion and adoption of innovation: concept and meaning, process and stages of adoption, adopter categories.	4

Experiment	Topic
1)	To get acquainted with university extension system.

2)	Group discussion- exercise;
3)	Handling and use of audio visual equipment and digital camera and LCD projector;
4)	Preparation and use of AV aids, preparation of extension literature – leaflet, booklet, folder, pamphlet news stories and success stories;
5)	Presentation skills exercise; micro teaching exercise;
6)	A visit to village to understand the problems being encountered by the villagers/ farmers;
7)	To study organization and functioning of DRDA and other development departments at district level;
8)	Visit to NGO and learning from their experience in rural development;
9)	Understanding PRA techniques and their application in village development planning;
10)	Exposure to mass media: visit to community radio and television studio for understanding the process of programme production; script writing, writing for print and electronic media, developing script for radio and television.

S. No.	Course Outcomes (CO)
CO 1	Education; Extension Programme planning Meaning, Process, Principles and Steps in Programme Development.
CO 2	Extension systems in India: Extension efforts in Pre-independence era .
CO 3	New trends in agriculture extension: privatization extension.
CO 4	Monitoring and evaluation – concept and definition, monitoring, and evaluation of Extension programmes, Transfer of Technology- Concept and models.

S.No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Kelsey, L.D. and Hearne, G.C. Cooperative Extension Work, Comstar Publishing Associate, New York.	1963
2)	Samanta, R.K. Development Communication for Agriculture. BR Publishing Corporation, Delhi.	1990
3)	Singh, A.K., Lakhan Singh, R. and Roy Burman. Dimensions of Agricultural Extension. Aman Publishing House, Meerut	2006
4)	Sandhu, A.S. Textbook on Agricultural Communication: Process and Methods. Oxford and IBH Publishing Pvt.Ltd., New Delhi.	1993

Articulated Attainment

Cos	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PSO-1	PSO-2	PSO-3	PSO-4
CO-1	2	1	3	-	2	3	3	2	2	1	1	2	1

CO-2	3	1	3	-	2	3	3	3	1	1	1	2	1
CO-3	3	2	3	-	3	2	3	3	2	1	1	2	1
CO-4	3	2	3	-	3	2	3	2	1	1	1	2	1
CO-5	2	2	3	-	2	2	3	3	1	1	1	2	1
CO-6	1	2	3	-	2	2	3	3	1	1	1	3	1
Average	2.3	1.7	3.0	-	2.3	2.3	3.0	2.7	1.3	1.0	1.0	2.2	1.0

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
					Internal Exam			External Theory Exam	Subject Total	
		L	T	P	Midterm Theory Exam	Assignment	Practical			
BSAG-1208	Fundamentals of Agricultural Extension Education	2	0	2	30	5	15	50	100	3(2+1)

9. BSAG-1209 Farm Machinery and Power 2(1+1) Theory

S. No.	Course Objectives
1.	To explain why agricultural machinery and equipment are important.
2.	To develop ability to identify different areas of agriculture where machinery and equipment are used.
3.	To describe some of the different types of agricultural machinery and equipment used for crop production.
4.	To analyze the operation of farm machinery equipments and evaluate the harvesting, threshing and land preparation (heavy) machinery needed for agricultural farm.

Unit	Content	Teaching hours
I	Status of Farm Power in India, Sources of Farm Power, I.C. engines, working principles of I.C. engines, comparison of two stroke and four stroke cycle engines, Study of different components of I.C. engine, I.C. engine terminology and solved problems,	4
II	Familiarization with different systems of I.C. engines: Air cleaning, cooling, lubrication, fuel supply and hydraulic control system of a tractor, Familiarization with Power transmission system: clutch, gearbox, differential and final drive of a tractor, Tractor types,	4
III	Cost analysis of tractor power and attached implement, Familiarization with Primary and Secondary Tillage implement, Implement for hill agriculture, implement for intercultural operations,	3
IV	Familiarization with sowing and planting equipment, calibration of a seed drill and solved examples, Familiarization with Plant Protection equipment, Familiarization with harvesting and threshing equipment.	3

Experiment	Topic
1)	Study of different components of I.C. engine.
2)	To study air cleaning and cooling system of engine.
3)	Familiarization with clutch, transmission, differential and final drive of a tractor,
4)	Familiarization with lubrication and fuel supply system of engine.
5)	Familiarization with brake, steering, hydraulic control system of engine, Learning of tractor driving,
6)	Familiarization with operation of power tiller, Implements for hill agriculture,
7)	Familiarization with different types of primary and secondary tillage implements: mould plough, disc plough and disc harrow.
8)	Familiarization with seed cum-fertilizer drills their seed metering mechanism and calibration, planters and trans planter
9)	Familiarization with different types of sprayers and dusters Familiarization with different inter cultivation equipment,
10)	Familiarization with harvesting and threshing machinery.

S. No.	Course Outcomes (CO)
CO 1	Student will be able to understand various sources of farm power and their uses.
CO 2	Student will be able to understand about working of IC Engines and their uses in modern equipments.
CO 3	Student will be able to understand about various parts of tractors and their mechanism.
CO 4	Student will be able to understand the financial aspects of using farm power and the various implements used in agriculture farm for various purposes.

S. No.	Name of Authors/ Books / Publishers	Year of Publication/ Reprint
1)	Principles of Agricultural Engineering Vol. 1. Reprint Edition: 2012. by T. P. Ojha, A. M. Michael, Jain Brothers, New Delhi	2012
2)	Elements of Agricultural Engineering by Jagadishwar Sahay. Forth Edition, 2010 Standard Distributor and Publishers, New Delhi	2010
3)	Agricultural Engineering by O P Singhal (2011) Aman Publishing House, Meerut	2011
4)	Principles of Farm Machineies by R A Kepner, R Bainer, E C Barger (2000) CBS Publishers and Distributors, Delhi	2000

Articulated Attainment

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PsO 1	PSO 2	PSO 3	PSO 4
CO1	2	1	1	2	-	-	-	-	-	-	-	-	2

CO2	2	1	1	2	-	-	-	-	-	-	-	-	2
CO3	2	1	1	2	-	-	-	-	-	-	-	-	2
CO4	2	1	1	2	-	-	-	-	-	-	-	-	2
Average	2.0	1.0	1.0	2.0	-	-	-	-	-	-	-	-	2.0

Course Code	Course Title	Periods per week			Evaluation Scheme					Credit (Theory + Practical)
					Internal Exam			External Theory Exam	Subject Total	
		L	T	P	Midterm Theory Exam	Assignment	Practical			
BSAG-1209	Farm Machinery and Power	1	0	2	30	5	15	50	100	2(1+1)

Department of Mechanical Engineering

New course / subject introduced

1. Thermo Fluid Engineering
2. Power Gear Train
3. Advance heat transfer
4. Hydraulic and pneumatics control
5. Composite material
6. Industrial tribology

School of Architecture and Planning

School: School of Architecture and Planning										Batch: 2023			
Department:										Year: I			
Course: B. Plan										Semester: I			
S. No	Category	Course Code	Course Name	Periods			Cr	Evaluation Scheme					Subject Total Marks (CE+MSE+ESE+IP+EXP)/2
				L	T	P		Theory			Practical		
								CE	MSE	ESE	IP	EXP	
1	PC	BPL-101	Fundamentals of Urban and Regional Planning	1	0	2	2	20	30	50	0	100	100
2	PC	BPL-103	Planning Techniques- I	1	0	2	2	20	30	50	0	100	100
3	RPD	BPL-105	Culture and Cities	2	0	2	3	20	30	50	0	100	100
4	PC	BPL-107	Quantitative Methods for Planners	1	0	2	2	20	30	50	0	100	100
5	SEC	BPL-151	Computer Applications – I	1	0	2	2	20	-	-	80	100	100
6	SEC	BPL-153	Planning Communication-I	2	0	4	4	20	-	-	80	100	100
7	PC	BPL-155	Planning Studio - I	1	0	20	11	20	-	-	80	100	100
Total---->							25	140	120	200	240	700	700

Abbreviations:

- PC : Programme Core Course
 RPD : Related Professions and Disciplines
 L : Lecture
 T : Tutorial
 P : Practical
 CE : Continuous Evaluation
 MSE : Mid Semester Examination
 ESE : End Semester Examination
 IP : Internal Practical

EXP : External Practical

Cr : Credit

School: School of Architecture and Planning								Batch: 2023					
Department:								Year: I					
Course: B. Plan								Semester:II					
S. No	Cate - gory	Course Code	Course Name	Periods			Cr	Evaluation Scheme					Subject Total Marks (CE+MSE+ESE+IP+EXP)/2
				L	T	P		Theory			Practica I		
								CE	MS E	ES E	IP	EX P	
1	PC	BPL-102	Cities in History	1	0	2	2	20	30	50	0	100	100
2	RPD	BPL-104	Introduction to Social Sciences	1	0	2	2	20	30	50	0	100	100
3	RPD	BPL-106	Economics for Planners	1	0	2	2	20	30	50	0	100	100
4	PC	BPL-108	Site and Land Development	1	0	2	2	20	-	-	80	100	100
5	PAECC	BPL-152	Geo-Informatics for Planning - I	1	0	2	2	20	-	-	80	100	100
6	SEC	BPL-154	Planning Communication-II	2	0	4	4	20	-	-	80	100	100
7	PC	BPL-156	Planning Studio-II	1	0	20	11	20	-	-	80	100	100
Total---->							25	140	90	150	240	700	700

Abbreviations:

PC : Programme Core Course

PAECC : Professional ability enhancement compulsory course

RPD : Related Professions and Disciplines

SEC : Skill enhancement

L : Lecture

T : Tutorial

P : Practical

CE : Continuous Evaluation

MSE : Mid Semester Examination

ESE : End Semester Examination

IP : Internal Practical

EXP : External Practical

Cr : Credit

School: School of Architecture and Planning								Batch: 2024					
Department:								Year: II					
Course: B. Plan								Semester:III					
S. No	Cate - gory	Course Code	Course Name	Periods			Cr	Evaluation Scheme					Subject Total Marks (CE+MSE+ESE+IP+EXP)
				L	T	P		Theory			Practical		
								CE	MS E	ES E	IP	EX P	

													IP+EXP)/2
1	PC	BPL-201	Planning Theory -I	1	0	2	2	20	30	50	0	100	100
2	PC	BPL-203	Planning Techniques- II	1	0	6	4	20	30	50	0	100	100
3	PC	BPL-205	Transportation Planning - I	1	0	2	2	20	30	50	0	100	100
4	PC	BPL-207	Infrastructure Planning - I	1	0	2	2	20	30	50	0	100	100
5	PC	BPL-209	Ecology and Resource Planning	1	0	2	2	20	30	50	0	100	100
6	PAECC	BPL-251	Geo-Informatics For Planning - II	1	0	2	2	20	-	-	80	100	100
7	PC	BPL-253	Planning Studio – III Land Use and Transport Aspects	1	0	20	11	20	-	-	80	100	100
Total---->								25	140	150	250	560	700

Abbreviations:

PC	: Programme Core Course	T	: Tutorial
PAECC	: Professional ability enhancement compulsory course	P	: Practical
SEC	: Skill enhancement	CE	: Continuous Evaluation
PE	: Professional Elective Course	MSE	: Mid Semester Examination
L	: Lecture	ESE	: End Semester Examination
EXP	: External Practical	IP	: Internal Practical
Cr	: Credit		

School: School of Architecture and Planning								Batch: 2024					
Department:								Year: II					
Course: B. Plan								Semester:IV					
S. No	Category	Course Code	Course Name	Periods			Cr	Evaluation Scheme					Subject Total Marks (CE+MSE+ESE+)
				L	T	P		Theory			Practical		
								CE	MS E	ES E	IP	EXP	

													IP+EXP)/2
1	PC	BPL-202	Planning Theory - II	1	0	2	2	20	30	50	0	100	100
2	PC	BPL-204	Planning Indian Cities	1	0	2	2	20	30	50	0	100	100
3	RPD	BPL-206	Demography & Urbanisation	1	0	2	2	20	-	-	80	100	100
4	SEC	BPL-208	Landscape Planning and Design	1	0	2	2	20	30	50	0	100	100
5	PAECC	BPL-210	Urban Design and Conservation	1	0	2	2	20	30	50	0	100	100
6	SEC	BPL-252	Planning Communication - III	0	0	4	2	20	-	-	80	100	100
7	PC	BPL-254	Planning Studio- IV - Site Planning	1	0	20	11	20	-	-	80	100	100
8	PAECC	BPL - 256	Summer Internship - I	0	0	4	2	-	-	-	100	100	100
			Total---->				25	140	120	200	340	800	800

Abbreviations:

PC : Programme Core Course

RPD : Related Professions and Disciplines

PAECC : Professional ability enhancement compulsory course

RPD : Related Professions and Disciplines

SEC : Skill enhancement

PE : Professional Elective Course

EXP : External Practical

Cr : Credit

L : Lecture

T : Tutorial

P : Practical

CE : Continuous Evaluation

MSE : Mid Semester Examination

ESE : End Semester Examination

IP : Internal Practical

School: School of Architecture and Planning								Batch: 2025					
Department:								Year: III					
Course: B. Plan								Semester: V					
S. No	Category	Course Code	Course Name	Periods			Cr	Evaluation Scheme					Subject Total Marks (CE+MSE+ESE+IP)
				L	T	P		Theory			Practical		
								CE	MS E	ES E	IP	EX P	

														IP+EXP)/2
1	PC	BPL-301	Housing	1	0	2	2	20	-	-	80	100	100	
2	PC	BPL-303	Transportation Planning - II	1	0	2	2	20	30	50	0	100	100	
3	PC	BPL-305	Project Formulation, Appraisal and Management	1	0	4	3	20	30	50	0	100	100	
4	RPD	BPL-307	Settlement Sociology	1	0	2	2	20	30	50	0	100	100	
5	PAECC	BPL-309	Planning Practice I	1	0	2	2	20	-	-	80	100	100	
6	PE	BPL-311A	Infrastructure Planning- II	1	0	2	2	20	30	50	0	100	100	
		BPL-311B	Real Estate Development and Management											
7	PC	BPL-351	Planning Studio- V Sub City Plan/Zonal Plan	1	0	20	11	20	-	-	80	100	100	
8	PAECC	BPL-353	Winter Internship - I			2	1				100	100	100	
Total---->							25	140	120	200	340	800	800	

Abbreviations:

PC : Programme Core Course

RPD : Related Professions and Disciplines

PAECC : Professional ability enhancement compulsory course

SEC : Skill enhancement

OE : Open Elective

PE : Professional Elective Course

EXP : External Practical

Cr : Credit

L : Lecture

T : Tutorial

P : Practical

CE : Continuous Evaluation

MSE : Mid Semester Examination

ESE : End Semester Examination

IP : Internal Practical

School: School of Architecture and Planning								Batch: 2025	
Department:								Year: III	
Course: B.Plan								Semester: VI	
S. No	Course Code	Course Name	Periods	Cr	Evaluation Scheme		Subject Total		
					Theory	Practical			

	Cat e- gory			L	T	P		CE	MS E	ES E	IP	EXP	Marks (CE+MS E+ESE+ IP+EXP) /2
1	PC	BPL-302	Urban Governance and Management	1	0	2	2	20	-	-	80	100	100
2	PAE C	BPL-304	Planning for Informal Sector and Urban Poor	1	0	2	2	20	30	50	0	100	100
3	PC	BPL-306	Environmental Planning	1	0	2	2	20	-	-	80	100	100
4	PC	BPL-308	Land Economics & Locational Theory	1	0	2	2	20	30	50	0	100	100
7	RPD	BPL-310	Urban Finance	1	0	2	2	20	30	50	0	100	100
8	PE	BPL-314A	Rural and Resource Planning	1	0	2	2	20	30	50	0	100	100
		BPL-314B	Climate Change, Disaster Risk, and Resilience										
9	PC	BPL-352	Planning Studio- VI Site Development Plan	1	0	20	11	20	-	-	80	100	100
10	PAE C	BPL - 354	Summer Internship - II	-	-	-	2	-	-	-	10 0	100	100
Total---->							25	14 0	120	20 0	34 0	800	800

Abbreviations:

PC : Programme Core Course

RPD : Related Professions and Disciplines

PAECC : Professional ability enhancement compulsory course

SEC : Skill enhancement

PE : Professional Elective Course

L : Lecture

EXP : External Practical

Cr : Credit

T : Tutorial

P : Practical

CE : Continuous Evaluation

MSE : Mid Semester Examination

ESE : End Semester Examination

IP : Internal Practical

School: School of Architecture and Planning							Batch: 2026	
Department:							Year: IV	
Course: B. Plan							Semester: VII	
S. No	Cat e-	Course Code	Course Name	Periods	Cr	Evaluation Scheme		Subjec t Total
						Theory	Practical	

	gory			L	T	P		CE	MS E	ES E	IP	EXP	Marks (CE+ MSE+ ESE+I P+EX P)/2
1	PC	BPL-401	Planning for Regions	1	0	2	2	20	30	50	0	100	100
2	PC	BPL-403	Planning Legislation-I	1	0	2	2	20	30	50	0	100	100
3	SE C	BPL-451	Planning Communication - IV	1	0	2	2	20	-	-	80	100	100
4	PC	BPL-453	Dissertation and Training Seminar	1	0	6	4	20	-	-	80	100	100
5	PE	BPL-405A	Urban Renewal	1	0	2	2	20	30	50	0	100	100
		BPL-405B	Impact Assessment Techniques										
6	OE	BPL-407	Politics, Planning and Development	1	0	2	2	20	30	50	0	100	100
7	PC	BPL-455	Planning Studio-Regional Plan	1	0	2 0	11	20	-	-	80	100	100
Total---->							25	140	120	200	240	700	700

Abbreviations:

PC : Programme Core Course

RPD : Related Professions and Disciplines

PAECC : Professional ability enhancement compulsory course

PE : Professional Elective Course

L : Lecture

EXP : External Practical

Cr : Credit

T : Tutorial

P : Practical

CE : Continuous Evaluation

MSE : Mid Semester Examination

ESE : End Semester Examination

IP : Internal Practical

School: School of Architecture and Planning								Batch: 2026					
Department:								Year: IV					
Course: B. Plan								Semester: VIII					
S. No	Category	Course Code	Course Name	Periods			Cr	Evaluation Scheme					Subject Total Marks (CE+MSE+ESE+IP+EXP)/2
				L	T	P		Theory			Practical		
							CE	MSE	ESE	IP	EXP		
1	PC	BPL-402	Planning Practice and Planning Legislation - II	1	0	6	4	20	30	50	0	100	100
2	PE	BPL – 404A	Water Resources Management	1	0	2	2	20	30	50	0	100	100
		BPL – 404B	PPP in urban Development										
3	PC	BPL-452	Terminal Project/Thesis	0	0	32	16	20	-	-	80	100	100
Total---->							22	60	60	100	80	300	100

Abbreviations:

PAECC : Professional ability enhancement compulsory course

L : Lecture

T : Tutorial

P : Practical

CE : Continuous Evaluation

MSE : Mid Semester Examination

ESE : End Semester Examination

IP : Internal Practical

EXP : External Practical

Cr : Credit

Program Outcomes (PO's)

PO1	Planning knowledge	Interpret the knowledge of planning parameters, mathematical analysis, policies, governance management and latest development in various fields for the solution of complex planning and development problems.
PO2	Problem analysis	Identify, formulate, and review research literature and analysis of complex development problems reaching substantiated conclusions using various planning principles and guidelines, understanding various zoning regulations and best practises.
PO3	Development of Planning solutions	Planning solutions to address the urbanisation issues and challenges that meet the specified user and environmental needs with appropriate consideration for the inclusive growth, public health and safety, and the cultural, societal, environmental issues
PO4	Conduct investigations of complex problems	Integrate research-based knowledge and research methods including experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern analytical tools and simulation of complex urbanisation issues and challenges with an understanding of the limitations.
PO6	The Planner and society	Evaluate contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the profession of planning.
PO7	Environment and sustainability	Elaborate the impact of the professional planning solutions in societal and environmental contexts, demonstrate the knowledge and need for sustainable development.
PO8	Ethics	Integrate ethical principles and commitment to professional ethics, responsibilities and norms of the planning profession.
PO9	Individual and team work	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
PO10	Communication	Communicate effectively on complex urbanization activities with the multiple stakeholders at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions
PO11	Project Management and finance	Synthesize knowledge and understanding of the planning and governance principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long learning	Relate to the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of environmental, social, economic, and technological changes.

BPL-101: FUNDAMENTALS OF URBAN AND REGIONAL PLANNING

Unit 1: Definitions and Rationales of Planning

Various definitions of town and country planning; Goals and objectives of planning; Components of planning; Benefits of planning; Arguments for and against planning

Unit 2: Foundations of Planning

Orthodoxies of planning including the Lamps of Planning; Sustainability and rationality in planning;

Components of sustainable urban and regional development; Defining what counts as planning

knowledge: various sources of planning knowledge, various forms of planning knowledge; Reasoning and its various forms in planning; Space, place and location

Unit 3: Development Plans and Development Regulations

Definition of development plan; Types of development plans; Planning Advisory Group report and national level planning and design guidelines; sector plans and spatial plans; Defining development and development control regulations, types of development control; Conforming and Nonconforming land uses; Compatible and non-compatible land uses, Locally Unwanted Land Use(LULU) and Not in my Backyard (NIMBY).

Unit 4: Governance of Planning

Local government in India; District Planning Committees and Metropolitan Planning Committees; Introduction to Internationalization and globalization of planning: meanings and forms of globalization; Characteristics of a global city; Principles for planning for a global city;

Unit 5: Theories of Urbanization

Theories of urbanization including Concentric Zone Theory; Sector Theory; Multiple Nuclei Theory and other latest theories; Land Use and Land Value Theory of William Alonso; City as an organism: a physical entity, social entity and political entity

BPL-103: PLANNING TECHNIQUES- I

Unit 1: Types of Data and Sources of Data for Planning

This unit will begin with understanding the difference between data, information and knowledge. Distinction between facts and opinions. Data requirements for urban and regional planning, sources of primary and secondary data. Overview of data availability from different sources for e.g. Census, NSSO etc.

Unit 2: Data Collection Methods - Physical and Socio-Economic Surveys

Quantitative data collection – collection of data, record, file, questionnaire design, design of sample surveys, types of sampling, measurement scales, data coding and data verification.

Qualitative data collection – focus group surveys, individual interviews, observations, ethnographic methods

Physical Surveys – Preparation of Base maps at different scales, contents of base maps, techniques for conducting surveys for land use, building use, density and other surveys to be used in planning. Using information, communication and technology (ICT) – based data collection methods.

Unit 3: Data Analysis, reasoning and relationships

Data tabulation, statistical methods, frequency distribution, classification, mean, median, mode, correlation, content analysis, Land Use classification system, planning standards, population and economic analysis, Land Suitability analysis, housing analysis, development of indicators.

Unit 4: Data Presentation

Preparation of tables and charts, interpreting statistical, qualitative and spatial data to identify trends, patterns and processes, communication of data through presentations, reports etc. (Linked with Planning Communication)

BPL-105: CULTURE AND CITIES

Unit 1: Fundamentals of Culture and Aesthetics

Definition and symbols of culture; Concepts of beauty and ugliness; Classical theories of aesthetics; Relationship of aesthetics with other cultural values; Concepts of scale, space, form and structure.

Concept of time as dimension of the built form; concept of space and scale as followed through different cultures; the elements of the town, the house, the street, the chowk; social and cultural criteria of location of towns and activities within it.

Unit 2: Role of Culture and Technology in Planning

Transmission of culture; Cultural traits of ethnic groups and their expression in built form; Aesthetics of mixed culture and global culture; Cultural pollution; Role of technology in changing arts, culture, aesthetics, built form and structure of human habitat

Unit 3: Aesthetics, Culture and Technology in India

Aesthetics, culture and advancement of technology in ancient India and their impact on planning of settlements; Planning principles of the Manasara Treatise and Indus Valley Civilization. Aesthetics, culture and advancement of technology during the Mughal and British periods and their impact on planning of human settlements; Traditional Indian City Typologies; Aesthetics, culture and advancement of technology in independent India and their impact on planning of human settlements

Unit 4: Globalization, Culture and Identity

Relationship between culture and built form and city structure through cases of settlements across the world. Impact of globalization on local identities and built form. Technology as a factor in shaping modern cities- examples from different countries.

BPL-107: QUANTITATIVE METHODS FOR PLANNERS

Unit 1: Correlation and Regression Analysis

Degree of correlation, Scatter Diagram, correlation analysis, correlation co-efficient, co-efficient of rank correlation, partial correlation analysis and multiple correlation, simple Linear and nonlinear regression, lines of regression, coefficient of regression; Multiple Regression Analysis; Use of SPSS and Applications in planning

Unit 2: Statistical Inference

Types of estimation; point, interval, testing of hypothesis, statistical hypothesis, simple and composite tests of significance, null hypothesis, alternative hypothesis, types of errors, level of significance, critical region; two tailed and one tailed tests, large and small sample tests for mean and proportion; Applications in planning.

Unit 3: Chi-Square Test and Analysis of Variance (ANOVA)

Chi-square distribution: applications of chi-square distribution; test of goodness of fit; ANOVA distribution; Use of SPSS and Applications in planning

Unit 4: Mathematical Programming Techniques

Mathematical Programming models, linear programming problems, transportation problems, assignment problems, applications in planning

Unit 5: Decision Theory

Decision making under conditions of certainty, uncertainty, and conditions of risk decision trees, pay off matrix, applications in planning

BPL-151: COMPUTER APPLICATIONS – I**Unit 1: Introduction**

Introduction to Computer Application in Planning; Various Software packages, Utility, of computers in planning assignments, Current trends in Planning Profession with respect to usage of computer application.

Unit 2: Advanced Features of MS-Word

Usage of MS Word in report preparation, Adding and Updating Table of Content, Spell Check, Thesaurus, Working with Columns, Tabs & Indents, Creation & Working with Tables, Margins & Space management in Document, Adding References and Graphics, Importing and exporting to and from various formats, Creating questionnaires using macros

Unit 3: Advanced Features of MS-Excel

Defining Data and Database Management, Working with Census Data, Data analysis using various functions and tools, creating formulas, using formulas, cell references, replication, sorting, filtering, functions, Preparation of charts and graphs, Creating trend lines, Simple Macros

Unit 4: Introduction to AutoCAD

Concept of Mapping and Drafting techniques; Introduction to AutoCAD; Understand the fundamental concepts and the terminologies used in CAD; Tools for digitization;

Modifying tools; Layer creation and management; Creating Blocks; Annotation; Scaling; Plotting and Printing and hand-on exercises.

BPL-153: PLANNING COMMUNICATION I

Unit 1: Verbal and Written Communication

Body language, eye contact, speech, spoken expression

Preparing a summary/abstract, writing an assignment – references, structure

Communication: Language and communication, differences between speech and writing, distinct features of speech, distinct features of writing, Reading Skills to find out particular information and get the gist through notes, letters, articles, reports

Unit 2: Visual Communication – drawings

Basic drawing skills, line, shape, form, texture, color, composition, scale, and its application and examples in buildings, streets etc., sketching. Composition of drawings, proportion of lettering for varying emphasis, drawing pens and their use for different purposes, standard drawing format, standard symbols and notations in drawings.

Techniques of preparation of base map at local level, Choice of appropriate scale for different level of plan, graphical scale, linear scale, areal scale, contents of base maps at different levels

Unit 3: Visual communication - model making, photography and videography

Why photographs, photography as a tool for visual information, Images and history, Developing basic understanding of photography, use of camera and its functions, elements of good photographs. Understanding of different materials for models, built form models to understand the concepts learnt in the studio, study of basic land and built forms through models,

Unit 4: Intrapersonal Communication, Listening Skills, Self Awareness

Ego states, defense mechanisms and identification of individual blocks in communication, emotional intelligence

BPL-155: PLANNING STUDIO – I

Understanding the various building blocks of a city. Developing of understanding about city planning elements using movies, lectures and city tours. Distance and Area Perception- Developing an eye for distance and area and translating the same to scale on drawings. Space Perception- Study of areas with varying characters to appreciate the concepts of built form, activities and people. Appreciate the various elements of built form such as plot sizes, FAR, densities, building heights and open space. (Individual work) Understanding how built form supports the various activities happening in the areas. Introduction to neighbourhood: mapping of a neighbourhood and appreciating the basic characteristics of a neighbourhood. Creation of base map, recording and presenting information on the map-manually and digitally. Use of mapping and presentation skills learnt in planning communication studio.

SEMESTER II

BPL-102: CITIES IN HISTORY

Unit 1: Introduction

The significance of the study of historical processes, interpreting history for planning purposes. Concept of time as a dimension of built form, human settlements as a material expression of civilization;

Unit 2: Settlements in History.

Planned cities in India from Medieval to Colonial Era. Medieval planning in India, the common elements of the Indian Medieval towns. Colonial History, built form and town planning, Development of colonialism and the city; modernism and post-modernism, Elements of medieval, colonial, modern and post-modern towns

Unit 3: Urban Processes

Criteria of location and development of towns in history, Political, economic, technological, social and cultural factors which have shaped settlements through history, Indian city typologies and study of urban growth, decline, renewal in different cities based on function, location etc. ,

Unit 4 History of cities in South Asia

Evolution of cities in South Asia, Urban Patterns and trends, Similarities and differences from Indian cities; challenges faced and innovative planning solutions. Examples and Case Studies from south Asia.

BPL 104: INTRODUCTION TO SOCIAL SCIENCES**Unit 1: Sociology**

Society and its characteristics, Idea of community and its elements, social system, social institutions and its function, social groups, segregation, urban and rural society.

Unit 2: Political Science

Politics and political theory, basic understanding of the concepts of freedom, liberalism and neo-liberalism, equity and equality, social justice, rights and citizenship.

Unit 3: Philosophy

Core concepts of philosophy- basic understanding of terms like epistemology, aesthetics, philosophy of action, social philosophy, dialectic materialism, ethics, aesthetics, life world. Indian philosophers and their big ideas; types of knowledge; philosophy as a method for enquiry.

Unit 4: Geography

Populations, population density and distribution; human activities- primary secondary, tertiary and quaternary; resources and development; basic land forms, territory, space and place, geographies of scale;

BPL 106: ECONOMICS FOR PLANNERS**Unit 1: Definition and Scope of Economics**

Central problems of economics; micro and macro economic decisions, use of economics in planning.

Unit 2: Theory of Demand and Supply

Law of demand and supply, elasticity of demand and supply, its use in planning.

Unit 3: Theory of Firm Production

Perfect and imperfect market types, market demand and supply; pricing under different market conditions, theory of production; factors of production, costs, scale of production, and economies of scale.

Unit 4: Concept of Income, Employment and Money

Classical and modern approaches, growth and development indicators; measures of national income, defining development and under development.

Unit 5: Introduction to Urban and Regional Economics

Use of economic concepts in urban planning, housing, transport, taxes, land use, location, etc.; use of economic concepts in regional planning; location, disparities in development, input-output techniques, sectoral development etc. Economic Analysis. Economic Planning in India- National and Urban level

BPL 108: SITE AND LAND DEVELOPMENT

Unit 1: Fundamentals of Surveying

Principles of surveying, types of surveying, classification of surveys & maps, Plan Vs Map, Accuracy Vs Precision, sources and kinds of error; Least Squares adjustments and applications.

Key principles of Land Surveying, Basics of Chain Surveying, Basics of Levelling. Modern methods and Instruments, accessories, operation, EDM without reflecting prisms; Total Station – types, instrument description, field techniques, Traversing, motorized total stations; field procedures for total stations in topographic surveys.

Unit 2: Topographical Surveying: Concepts and Techniques and GPS

Definition, Procedure in topographic surveying, uses of topographical maps, Relief, methods of representing relief, contour and contour interval, characteristics of a contour, methods of locating contours, Interpolation of contours, Dam Surveys. Introduction - Maps – Types of Maps – Various Satellites used by GPS – Differential GPS - Fundamentals of GPS – Application of GPS – GPS Receivers – Hand held GPS Receiver – Function – Field procedure

Unit 3: Geology

Geological Structure, Land Forms, Weathering, Landslides and Mass Wasting. Instability of hill slopes. Land and terrain suitability for various types of development. Earthquakes, seismic zoning, disaster prevention and other planning considerations.

Unit 4: Hydrology

Ground Water- Concept and role in town planning of different types of terrain, hydrologic cycle, Groundwater bearing properties of different lithological formations, surface water, reservoirs and springs; artificial recharge and ground water mound, hydrological features in relation of seepage, fluctuation of water table and hydrographs,

geological structure and underground passages for water supply. Planning considerations for the same. Implications on site selection and development.

BPL 152: GEO-INFORMATICS FOR PLANNING I

Unit 1: Remote Sensing and Photo Interpretation

Remote Sensing -Definition, Aerial and Satellite Remote Sensing; Aerial Photo-Interpretation, Qualitative and Quantitative Elements of Photo- Interpretation; Satellite Remote sensing, Geo-Stationary and Sun-Synchronous Satellites, Principles of Electro-Magnetic Radiations, Resolutions; Introduction to Digital Image Processing; Salient Features of Popular Remote Sensing Satellites; Applications in Planning; Laboratory Exercises

Unit 2: Photogrammetry

Limitations of Traditional Surveys for Planning; Photogrammetry as an Alternative Tool for Surveying; Aerial Photographs, Classification; Principles of Stereoscopic Vision; Basic instruments -Stereopair, Pocket and Mirror Stereoscopes, Parallax Bars; Principles of Photogrammetry, Measurement of Heights and Depths; Introduction to Digital Photogrammetry;

Unit 3: Planning Information Systems

Systems Approach to Planning as basis for Planning Information Systems; Systems, Hierarchy, Types; Data and Information, Value of Information, Information Flows, Loops; Information Security and Sharing; Information Systems, Types, Limitations, New Sources of data such as big data and real data

Unit 4: Human Settlements and Planning Information Systems

Human Settlements' Information Needs, Scales and Levels, Pre-Conditions for Using Planning Information Systems; Introduction to various Planning Information Systems

Unit 5: Planning Information Systems in India

Introduction to Spatial Data Infrastructure, NNRMS, NUIS, National Urban Observatory, Municipal Information Systems, Land Information Systems, Cadastre Systems; Applications and Limitations; Tools for Spatial Data Handling, Introduction to GIS; BHUVAN; Agencies responsible for generating spatial data.

BPL 154: PLANNING COMMUNICATION II

Unit 1: Verbal and Written Communication

Elements of a good presentation, essay writing, developing an argument, how to undertake a literature study, developing your own interpretations

Unit 2: Creativity

Perception, Intuition, Design as problem solving activity, understanding creativity, Characteristics of creative individuals, Exercises in creative thinking skills

Unit 3: Visual Communication – drawings and presentations

Visual studies of use of line, shape, form, texture, color, composition, scale, in cities and buildings, streets, cities, with special emphasis on rhythm, balance, harmony and proportion etc., sketching as a tool for communication. Techniques of preparation of

base map at city and regional level, presentation of planning information through maps, thematic maps, Preparing power point presentations , Data visualization and development of infographics.

Unit 4: Visual communication - model making and photography

Reading visual images, context of a photograph, photographs as evidence of reality, photography and cities, advance photography techniques Built form models to understand the concepts learnt in the studio, study of complex land forms and built forms through models, presentation models

Unit 5: Intrapersonal Communication, Listening Skills, Self Awareness

Listening as an active skill; Types of Listeners; Listening for general content; Listening to fill up information; Intensive Listening; Listening for specific information, Listening effectively, barriers to listening, giving and receiving feedback

BPL 156: PLANNING STUDIO II

This studio will focus on developing an understanding up to neighborhood level and basic concepts of land use and development controls.

City Patterns Study- Short trip to a city/town to appreciate how a settlements grows and the driving forces behind the growth . Through guided study acquaint students with old parts of the city as well as recently planned developments. Appreciate what makes the city unique and understand how social and economic forces (such as port, tourism, industries etc) shape the city.

Land Use Study- Through case studies, develop understanding of basic principles of land use planning such as categorization, hierarchy, permissibility, compatibility etc. Supporting infrastructure required for various types of land uses.

Area Appreciation- Develop understanding of the typology of residential development with respect to built form, legality, evolution, ownership etc. Understand what facilities and infrastructure are required in residential areas. Use of surveys to understand differences in socio economic conditions, infrastructure availability and satisfaction among various residential pockets. Comparing existing situation vis-à-vis statutory plans.

SEMESTER III

BPL 201: PLANNING THEORY I

Unit 1: Defining Planning Theory

Definitions of theory in general; Definitions of planning theory including theory of planning, theory in planning and theory about planning; Definition of paradigm and its various stages of development by Kuhn; Significance of planning theory; Espoused theories and theories in use

Unit 2: Participation and Planning

Public interest and its forms; History and significance of public participation; Methods of public participation; Impediments to public participation and conditions for effective public participation; Public participation and empowerment; Participation, policy formulation and implementation

Unit 3: Sustainability, Rationality and Globalization

Sustainability and rationality in planning; Components of sustainable urban and regional development; Globalization, internationalization, modernism and postmodernism debate; Pragmatism in planning; Regime theory and urban politics

Unit 4: Theories of City Development

Compact city approach: concept, advantages and limitations; Forms of cities in developing world, Forms of cities in the developed world; Forms of cities in the former and present socialist countries

Unit 5: Planning, Implementation and Evaluation

Need for evaluation; Inseparability of planning and evaluation; Planning theories and evaluation; Methods of evaluating development plans; Theories of implementation of planning policies and development plans

BPL 203: PLANNING TECHNIQUES II**Unit 1: Plan Preparation**

Types and levels of plans, hierarchy of plans, planning process
Forecasting techniques, extrapolation techniques, cohort component techniques, economic analysis techniques, goal formulation, developing planning standards, urban growth models and its use in forecasting.

Unit 2: Methods of Monitoring and Evaluation and Problem Identification

Indicators for plan monitoring, cost benefit analysis, planning balance sheet, logical framework approach, plan evaluation techniques

Unit 3: Public Participation Techniques

Purpose of participation, resources, listening, types and methods of participation, challenges and issues in use of participatory methods.

Unit 4: Decision Making Models

Purpose of Models, types of decision models, linear programming models, threshold analysis and other decision models

BPL 205: TRANSPORTATION PLANNING I**Unit 1: Introduction**

Objectives of Transportation Planning—efficiency, accessibility, equity, environment, practicality, safety etc. Transport Planning, Engineering and Management, Concepts of travel demand and transport supply. Type of transportation measures, integrated strategy, Impact of measures and impact on various transport objectives. Examples and case studies.

Unit 2: Road Transport

Traffic characteristics, modes of transport, Urban and Rural road hierarchy, cross sectional elements, capacity and level of service. Typology of junctions, Signages, Tree Planting, Road Marking and Lighting. Volume Studies, Speed Studies and Parking supply and demand studies

Unit 3: Non-motorised and Public Transport

Cycling and pedestrian systems, design considerations and guidelines, pedestrian priority methods, pedestrianisation, pedestrian and cycling studies, walkability, traffic Calming Public transport modes and their capacity, benefits of public transport, Planning for public transport, public transport routing and station/stop locations. Frequency/headway of public transport, last mile connectivity, service level benchmarking. Integrating NMT and Public Transport

Unit 4: Traffic Impact Assessments

Trip generation of various land use activities, Person trips and vehicle trips, impact of additional traffic, traffic forecast and traffic assignment.

Unit 5: Safety and Environment

Transport and Air Pollution, Traffic Noise: Units, sources, and impacts, Measurement of environmental impacts of transport ,Accidents, typology, accident black spots, Sources of data on accidents, Social Cost of accidents

BPL 207: INFRASTRUCTURE PLANNING I**Unit 1: Introduction, Basic Concepts and Theories**

Role of physical planner in planning of utilities and services, objectives of utilities and services planning and its implications for public health and environmental protection. Familiarizing to manual, code and standards.

Unit 2: Storm Water System

Definition of Hydrology, classification, hydrological cycle, urban water cycle; Types precipitation and measurement, rain fall analysis, Surface water runoff, measurements of runoff, hydrograph, discharge for small and big rivers, watershed; Flood Frequencies, and flood protection measures in urban areas, layout and design of storm water system, Rain Water Harvesting system in site level.

Unit 3: Water Supply Systems

Surface and ground water sources, quality and quantity, location of sources and water intakes, area requirements of the components of water intakes; Water requirement for different land uses, factors affecting water demand, per capita requirement and variations; Water treatment system, location and space requirements; Components of water distribution systems, Planning for Various uses, Storage and supply network; organizations- jurisdictions and financing; PPP arrangements; Legal and government policy for urban and rural water supply. Case study discussion on innovative methods

Unit 4: Sanitation and Sewer Systems

Methods of sanitations; Off-site and on-site sanitation and technology; Low cost appropriate technologies; standards for Indian cities; Sanitary sewer system network and layout planning, Sewage disposal methods, location criteria and capacity; Case study of innovative approaches; financing and cost recovery for sewer system.

Unit 5: Solid Waste Management

Solid waste management for Indian cities, quantity of solid waste and its character; Methods of solid waste management, collection, transportation and disposal; Land filling and composting, and other methods of pre and post treatment, location and cost

aspects of different methods of solid waste disposal systems; Community participation and involvement of NGOs in efficient solid waste management. Best Practices examples.

Unit 6: Other Services

Telecommunication Services- Locational criteria for mobile phone towers. Gas and oil pipelines. Electric substations requirements, capacity, location and space requirement,

BPL 209: ECOLOGY AND RESOURCE PLANNING

Unit 1: Introduction

Meaning and scope of ecology; evolution of ecology; man, environment and ecosystem; components of nature and basic concepts and processes of ecology; flow of material water energy, invasion, succession, predation, regulatory forces, adaption, trophic levels, food chain, food web, ecological pyramids.

Resources and human settlements impact of advanced agricultural methods, urbanization and industrialization on nature; urban ecosystem approach evolution and significance; soil, water, land vegetation and energy resources; development and management.

Unit 2: Quantitative Ecology

Introduction to quantitative ecology, identification of ecological parameters for planning at different levels; site planning, settlement planning and regional planning; data needs and format for data collection; types of analysis required to evolve ecological parameters. Ecological footprint and carrying capacity. (Ref: http://gulliverasso.org/IMG/pdf/article_footprint.pdf)

Unit 3: Ecology sensitive areas

What are Ecologically Sensitive Areas? ESA as a resource for development- use and over use. Impact of development on coastal, forest, hill and river ecology. Legislations and policies for management of ecologically sensitive regions. Case studies for management of ecologically sensitive areas- India and abroad.

Climate change : Cities and climate change. Impact of built environment and transportation on Green House Gas emissions, Role of planning in Climate Change mitigation and adaptation. Management tools, sustainable buildings and retrofitting infrastructure.

Critical review of policies and regulations in India and abroad regarding Climate Change. Local Examples of climate change plans where mitigation and adaptation strategies are translated into concrete actions, Emerging technologies, National Policy Framework on Climate Change, carbon Credits and trade, carbon footprint

Unit 5: Resource Planning Development and Management

Endowments; types of resources, exhaustive and renewable resources development; utilization and conservation of national, technological and human resources; resource management, recycling of resources and resource equilibrium; water resource management, waste land management; rural industrialization and use of non-conventional energy in rural development; major resource development programmes in India; case studies of resource development projects in agriculture, forestry, minerals, water, manpower, etc.

BPL 251: GEO-INFORMATICS FOR PLANNING II

Unit 1: Introduction to GIS

Concept and Definition of GIS; Components and Functions of GIS; Introduction to ArcMap; Exploring Graphical User Interface (GUI); Identifying the toolbar and its tools; Understanding Maps, Layers & Feature Class; Understanding Vector and Raster datasets; supported files and formats; Comparison of GIS with Auto CAD

Unit 2: Creating Project and Geo-referencing

Creating New Project; Adding and creating shapefiles; Organizing Layers; Working with Shape files; Digitization; Importing Data Importance of adding Spatial Information to Scanned Map/Satellite Image; Accessing the Geo-referencing toolbar; Converting the paper map into scanned image; Geo-referencing of Scanned Paper Map; Adding Control Points; Auto-adjust; Update Geo-referencing; Checking the Geo-referencing Errors; Saving the Geo-reference image file

Unit 3: Working with Database and Analysis

Adding database in attribute table; Opening attribute table; Adding information from other databases. Understanding the usage of ArcTool Box; Creating Charts and graphs; Summarize; Statistics Summary; Using Field Calculator; Calculate Geometry; Query Builder; Buffering or Proximity Analysis; Overlay Analysis; Using relevant extensions for networks, 3D, spatial and statistical analysis. Land Matrix, Land Utilization, Cloud Computing, Crowd Sourcing

Unit 4: Displaying Data in Maps and Map Elements

Symbiology; Labeling and Annotation; Creating Map Layout; Inserting Map Scale; Legend Map; Title; North Symbol; Creating Grids; Other map Elements and Saving a Layout. Printing a map from layout and Exporting map as image; Conducting a Land Suitability Analysis using GIS, Introduction to new concepts like cloud computing, crowdsourcing etc.

BPL 253: PLANNING STUDIO- LAND USE AND TRANSPORT ASPECTS

This course focuses on the interrelationship between transportation and land use, and related economic, social and environmental issues. The key learning objectives would be to:

- Appreciate the difference between travel demand and transport supply.
- As part of travel demand learn techniques for assessment, mitigation and management of traffic impact of current and proposed development
- Understand key techniques for management and enhancement of transport supply.

Area Mobility Plan with an objective to promote and make way for sustainable mobility patterns, improve accessibility and promote livability.

Study of Travel Patterns- study the mobility profile of residents and workers within the area. Modes used, trip lengths, trip purpose etc. Origin destination survey. Compare travel patterns with socio economic condition, housing typology and private vehicle ownership. Include public opinion on traffic, noise, accessibility and local environment as part of the study.

Assessment of Travel Demand –basic techniques for assessment of traffic impact of existing uses; surveys and analysis related to traffic generation rates and patterns, parking demand, non-motorized traffic, traffic conditions on surrounding roads and intersections. Basic principles of travel demand modeling could be used to simulate scenarios to test how change in the intensity of use of land could impact traffic in the

area. Transport Supply- diagnose key transportation issues in the area by undertaking studies for analyzing traffic volume, journey speed, parking, pedestrian movement and access to public transport. Study the adequacy of transport infrastructure vis a vis travel demand studies undertaken earlier. Impact of transport on local environment – noise, emissions, safety and quality of life. Developing indicators. Consideration of needs of excluded groups such as children, elderly and women. Development of strategies consisting of planning, design and management measures.

SEMESTER IV

BPL 202 : PLANNING THEORY II

Unit 1: Scientific Rationalism and Planning

Defining instrumental rationality; Systems view of planning with a focus on contributions of J.B.McLoughlin and others; Chief characteristics of Comprehensive Rational Planning Model and implications for planning practice; Systemic change

Unit 2: Advocacy Planning, Pluralism and Equity Planning

Meaning, historical background and purposes of Advocacy Planning Model; Main features of Advocacy Planning Model; Relevance for planning practice; Equity and its various definitions; Major components of the Equity Planning Model; Implications on the role of planners in planning practice

Unit 3: Political Economy Theories and the City

Defining the term political economy; Role of the state in planning; Contributions of David Harvey, Manuel Castells and others; Richard Foglesong and the property contradiction

Unit 4: Collaborative and Communicative Planning

Various components of Collaborative Planning Model; Contributions of Patsy Healey and Judith Innes and others; Deliberative policy analysis; Role of trust in planning; Planning as persuasive storytelling

Unit 5: Capabilities, Race, Gender, Religion and Caste

Defining functioning and capabilities; Exploring relevance of Sen and Nussbaum's capabilities to planning; Role of planning and planners in enhancing capabilities of the poor; Capabilities perspective on slums and squatters; Feminist planning theory; Planning, caste and religion; Planning rights and responsibilities

BPL 204: PLANNING INDIAN CITIES

Unit 1: Evolution of Town and Regional Planning in India

Planning thought in Independent India, overview of evolution from piecemeal projects, town planning schemes, comprehensive development plans, new towns to regional planning,

Unit 2: Planning of Indian Cities in the post-Independence period

Planning interventions in Indian cities post-Independence era. Technological advances and their effect on the town; utopian thinking and movements about urban improvement

and planning; the concept of neighbourhood planning; planning concept and city structure, plan and concept of new towns in India, The concept of ring towns and satellite towns; Delhi Master Plan and the concept of NCR; disorientation of contemporary towns from its cultural context; the concept of conservation; the role of planner as a central figure to understand the present day problems through the medium of the study of history.

Unit 3: Planning of Indian Cities at the end of twentieth century and early twenty first century

Planning in post liberalisation area, Nature of planning reforms, JnNURM, SEZ, URIF, CCF, DMIC, changes in legal and institutional framework for planning, privatization of planning, corridor planning and its implications.

BPL 206 : DEMOGRAPHY & URBANISATION

Unit 1: Study of Population

Demographic variables-fertility, mortality, migration,; evolution of population study, contribution of Malthus; mortality-trends, mortality in developed and developing countries; biological and social factors and mortality-gender, race, social structure, life style, social status, occupation etc; measures of mortality. Age-specific fertility rate; total fertility rate, net reproduction rate;

migration-causes and consequences of population movement; reasons and types of migration trends; theories of migration and population movement; methods of measuring volumes of migration; direct and indirect measures; effect of migration of composition of population.

Source of demographic data, Census of India- info available at various levels, census methodology, accessing and using census information; population structure and composition – age sex composition, sex ratio, dependency ratio, child-woman ratio; measures of age – sex structure, age – sex pyramid, population composition; marital status, cast region , literacy level, etc; life table techniques; techniques in preparing life table, abridged life table; population estimation, projection and population forecasting; basic cohorts survival model, inter regional cohorts survival model.

Unit 2: World Urbanisation Trends and Urbanisation Patterns in India

Urban revolution; its preconditions; brief history of urbanization in the world and urbanisation patterns in India, related problems, concepts of urbanism and urbanization; brief history of urbanization in India; Mughal and British influences of India cities; post-independence urbanization; urbanization process as influenced by socio-cultural, political, economic and administrative factors; definition of urban centres, concepts of rural-urban continuum and dichotomy; census definition of urban places town, cities, town groups, urban agglomeration, Urbanisation economies, standard urban area metropolis, megalopolis etc. functional classification of urban places.

Unit 3: Settlement System and Role of Urban Area

Settlement system, primate city, rank-size rule, central place concept, concepts of complementary area, central goods and services, range, threshold etc; city-region relationship; structure of city regions, area of influence, dominance; rural-urban fringes; its structure, stages of growth, its role in urban growth; urbanization, industrialization and urban development; push and pull factors; migration trends and impacts on urban and rural development.

Unit 4: Policies and Strategies for Directing Urbanisation Trends in India

Urbanisation policy, basic issues in urbanization policy; role of national and state level policies; five year plans, latest attempts at urbanization policy formulation in the country, Impact of Urbanisation on cities and towns, challenges for urban planners.

BPL 208: LANDSCAPE PLANNING AND DESIGN

Unit 1: Introduction to Landscape

Landscape as an outcome of natural processes; Humans' evolving relationship with Nature and its expression in the designed landscape; a comparative study of the major traditions of landscape design in the East and West with regards to principles and techniques of design with landform, water and vegetation. Utopias: a new vision based on equitable distribution of open spaces.

Unit 2: Place Making

Evolution of Public places: their typology, size, nature, distribution in the urban realm; Relevance of Heritage districts and precincts in the modern city; Design of Urban streetscape; Transformation of nature of community recreation and its impact on form of cities.

Unit 3: Landscape Planning (Regional level, Urban and Zonal scale)

Classification of green spaces at each of planning level; distinguishing the components of landscape at each of these levels. Assessment: exercise related to the current studio problem to better address the landscape component.

Unit 4: Site Planning

Principles of analysis and assessment of existing landscape; Design proposals to respond to constraints and opportunities offered by the site; study about open space structure as a basic component of the site plan, process of arriving at a landscape concept.

Landscape Engineering (levels and grading including principles of cut and fill alignment, drainage); Plants and design (environmental benefits of planting, functional requirements, aesthetic considerations; typical situations and criteria for design with plants and selection of species).

BPL 210: URBAN DESIGN AND CONSERVATION

Unit 1: Introduction to Urban Design Theory

Relationship between architecture, urban design and planning; city as a three dimensional entity; study of volumes and open spaces at all levels; a brief historic review of the development of the urban design discipline and principles.

Unit 2: Elements of Urban Design

Urban form as determined by inter-play of masses, voids, building typology; scale, harmony, symmetry, colour, texture, light and shade; dominance, height, urban signage and graphics; organization of spaces and their articulation in the form of squares, streets, vistas and focal points; image of the city and its components such as edges, paths, landmarks, street features, sky-line, etc.; urban transportation.

Unit 3: Physical and Non-Physical Determinants of Urban Forms

Activity and the morphology of places; form, size and structure of cities and the related geometry co-related with their determinants; case studies of urban design characteristics of cities in India and abroad; related issues for public intervention.

Unit 4: Basic Principles of Conservation

Overview and introduction of the basic concepts of conservation values, attitudes and principles for judging the conservation importance of sites, areas and related typology; scope and basic technique of urban conservation.

Unit 5: Aspects of Urban Conservation

Legal and administrative aspects, archaeological acts/charters pertaining to conservation, development and conservation; case studies of proposals for urban conservation of sites/areas in India and abroad.

BPL 252: PLANNING COMMUNICATION III

Unit 1: Critical Reasoning skills

Developing an argument, studying sources, review of literature and developing your own opinion, argument structure and identification, validity and strength of arguments, common fallacies of reasoning, use and abuse of language in reasoning, principles of fair play in argumentation, respecting opposing positions, understanding different modes of persuasion; emotional, moral and rational.

Unit 2: Verbal and Written Skills

Developing skills to find out what one needs to know in order to have a responsible position on an issue. Understanding difference between propaganda and evidence based arguments, Technical Writing: Scientific and technical subjects; formal and informal writings; formal writings/reports, handbooks, manuals, letters, memorandum, notices, agenda, minutes; common errors to be avoided, undertaking a literature study (can be linked to another theory subject assignment) writing a term paper – preparation, planning, drafting, finalizing, getting feedback, coherence and cohesion in writing

Unit 3: Visual Communication

Advance drawing and presentation skills, movie making, making a project presentation combining visual and verbal skills

Unit 4: Interpersonal and Group Communication

Process and barriers to communication, Interpersonal communication, Group dynamics, , group processes, Group formation, definition, stages of group formation, group functions, group norms, group conflicts, building effective teams, consensus building,

BPL 254: PLANNING STUDIO- SITE PLANNING

This studio introduces students to spatial organisation of housing units for a site to be planned in the larger context. Site context, sector/ward/sub zonal contexts in which the site is planned, Group Housing Design, Design and preparation of plan, sections and elevation of low rise and high rise apartments taking into account the building byelaws and zoning regulations; preparation of presentation drawings.

Site Layout, Site analysis, development standards, and preparation of the design brief, Various considerations for site layout, conceptual approach to site planning preparation

of preliminary layout and area analysis, Final layout showing the circulation and basic infrastructure. Planning of utility networks including rainwater harvesting system. (Use of AutoCAD and GIS for final drawings), Rough costing of the scheme.

BPL 256: SUMMER INTERNSHIP

Following the closure of the 4th semester academic session, each student would be required to undertake a six week professional training, during summer vacations, in an organization duly approved by the training coordinator of the Department.

SEMESTER V

BPL 301: HOUSING

Unit 1: Introduction

Housing - definition, housing as a verb and noun; Housing in relation to planning component; Concepts of housing stock, need demand, shortage, An overview of housing situation; Urban and Rural housing scenario in India.

Unit 2: Area Level, Housing Studies

Housing, project formulation: feasibility studies, determinants of housing form: physical, social, economic, technical and aesthetic and housing in tropical climate. Development options and housing, costs, standards. Housing for special groups: slums, inner city housing, and disaster-affected areas. Concept of residential density, ground coverage, FAR and other related development control, Evaluation of housing areas.

Unit 3: City Level Housing Studies

Components of housing, housing subsystems, Administrative, legal and financial framework for housing development, Process of housing development Analysis of housing stress, Concept of affordability and target identification. Housing Market and Real Estate Development

Unit 4: Policy and Legislative Framework

Components of housing policy at national and state level; Financial plans and housing legislation.

BPL 303: TRANSPORTATION PLANNING II

Unit 1: Transport Policy

Current Transport Policy in India, Evolution of transport policy in India, European, American and Asian Perspective on Transport Policy, Interactions between transport and other policy areas, Land-use transport policy- Translation of National Policy to City and local level plans. Problems of car use and policies to reduce usage. Policy, Strategy and Measures.

Unit 2: Urban Transport System

Urban form and Transport Systems, Impact of land use on transport and vice versa, Transport and Quality of Life. Planning for transport in cities and towns, data requirements and planning techniques, travel behavior and its determinants, choice modelling, influencing travel behavior, land use-transport models for cities, provision of new mass transit in cities and its upkeep, specific challenges of small towns and big cities, roles and responsibilities of various agencies, Provisions for freight transport

Unit 3: Regional Transport System

Planning for regional transport systems, data requirements and planning techniques, Importance of accessibility in regional transport planning, indicators of accessibility to basic services, planning parameters for road, rail, air and water transport systems, locational parameters for regional transport nodes, roles and responsibilities of various agencies

Unit 4: Transport Economics

Pricing and funding of transport service and systems, socio-economic appraisal of transport projects; techniques for estimating direct and indirect road user costs benefits, Monetization of costs and benefits, Investment criteria and PPP in Transport

BPL 305: PROJECT FORMULATION, APPRAISAL AND MANAGEMENT**Unit 1: Introduction to Project Formulation, Appraisal and Management**

The concept of projects, Importance of project formulation, appraisal and management; reasons for shortfall in its performance; scientific management, lifecycle of project; detailed project report, and feasibility studies; techniques of financial appraisal, payback period, IRR, DCF, NPV, CBR.

Unit 2: Project Formulations

Project formulation: definition, objectives; Stages of project formulation and their significance; Methodology for project identification and formulation; Feasibility studies, input analysis, financial cost-benefit analysis, social-cost benefit analysis; Project appraisal and report.

Unit 3: Project Appraisals

Project formulation: definition, objectives; Need for project appraisal; Project formulation: definition, objectives; Stages of project form Network analysis; CPM,PERT, resource leveling and allocation, time-cost trade off aspects; Bar charts, Milestones, Standard oriented cost control techniques; Techno-economic analysis of projects.

Unit 4: Project Implementation and Monitoring

Project implementation, stages of implementation, Teamwork, actors in project implementation; Project monitoring: meaning objectives and significance; Monitoring techniques: integrated reporting, Milestones, time and cost overrun and under runs, unit index techniques.

Unit 5: Project Evaluations

Project evaluation: meaning, objectives, scope, stages, approach and steps, Life of a project; Techniques of project evaluation: input analysis, financial cost-benefit analysis, social-cost benefit analysis; case studies in urban and regional development projects.

BPL 307: SETTLEMENT SOCIOLOGY

Unit 1: Foundation of Social Thought

Positivism, functionalism; conflict and interactionism; alternate development thought-feminism, environmentalism etc

Unit 2: Society, Culture and Social Change

Processes of Social Change: industrialisation, modernisation, globalisation etc. social stratification- concepts and basis; caste, class, power and gender. social mobility. Social Problems in India

Unit 3: Social Exclusion and Planning

Concept of social exclusion and its relevance for planning. Agents of social exclusion in Indian cities and rural areas; spatial segregation. Sociology of displacement, migration and resettlement. Gender and Development.

Unit 4: Urban Sociology

Culture of cities, social environment of urban areas, social and urban fragmentation and gated communities, neighbourhood as a sociological concept, process of urbanisation, industrialisation, globalisation and their social implication on Indian cities.

Unit 5: Rural Sociology

Social environment of rural areas, processes of rural change -westernization, sanskritization and modernization. Sociological barriers to rural change. rural problems: poverty, unemployment, bonded labour and migrant labourers

BPL 309: PLANNING PRACTICE I

Unit 1: Training Seminar

Each student shall undertake Training in a planning (or related) office during summer vacation between the Fourth and Fifth semester. The period of Training will be six weeks. The exact period and place of Training will be decided in consultation with the Coordinator-in-charge of training. The objective of Training is to expose the students to live planning projects and working environment of planning offices.

Unit 2: Nature of Planning Practice

Planning as a profession and Role of a Planner, Definition of profession, planning as a profession, role of planner in the society, different roles of planner in practice; Nature of planning practice in general and in Indian context, global context and planning practice. legal framework for planning in India, planning and development organisations, current planning practices, study of selected projects.

Unit 3: Understanding Reflective Practice

The espoused-theory and theory-in-use, the reflection in and on action, approach and methods of reflective practice, concept of reframing, reflective practice in the Indian context.

Unit 4: Planning Practice Cases

This unit would focus on developing a critical reasoning and communication skills through study planning cases including planning permissions, court cases, attending public meetings etc., application of concepts of previous unit through study of planning practice, documentation of cases.

BPL 311A: INFRASTRUCTURE PLANNING- II**Unit 1: Infrastructure Development Policy**

Meaning, components, contents, constitutional provisions, national policy and legal framework, Five year plan related with infrastructure and current policies.

Unit 2: Infrastructure Pricing, Financing

Mechanisms for financing infrastructure, Mechanisms for pricing different kinds of infrastructure, case studies related to infrastructure finance

Unit 3: Planning for Physical Infrastructure

Understanding of different infrastructure systems, design considerations, Sources, distribution, networks, storage, disposal. Physical infrastructure at city and regional level.

Unit 4: Planning for Social Infrastructure

Various types and levels of social infrastructure- education, health, safety, security and other public services. Policy context- existing norms and standards for various Indian cities and by various international agencies. Different indicators of quality of life. Social infrastructure at city and regional level.

BPL 311B: REAL ESTATE DEVELOPMENT AND MANAGEMENT**Unit 1: Developments of Land and Real Property**

Process of land development, market mechanism and land use pattern cost of development, source of finance, and financial calculation for real estate developer

Unit 2: Real Property Markets

Heterogeneity and imperfections, valuation of real property - principles and practices; private ownership and social control of land; disposal of land; land development charges and betterment levy; land use restrictions, compensation and requisition taxation of capital gain on land versus public ownerships, economic aspects of land policies at various levels of decision making.

Unit 3: Factors Influencing Locational Decisions

Analysis of location of specific uses like residential, industrial, commercial and institutional in the light of location theories in intra-regional and inter-regional context; Techniques of cost benefit analysis of urban development programme.

Unit 4: Case Studies

Case studies of real estate development in public, private, partnership sectors; Real estate as facilitator of development; Development of real estate as a tool for controlling land and property prices; Transaction and renting of real estate, Lease deeds/ sale deeds, sale documents, registration; Mortgage and pledging.

BPL 351: PLANNING STUDIO- SUB CITY PLAN

This studio provides a link between the site level and city level plans. This level details out the land allocations and planning proposals at the city level. Purpose of this studio is to understand the relationship between different hierarchies of plan. Studio exercises should be so developed to enable students to apply the concepts learnt in theory so far. It should help students to see the interrelations amongst different sectors at the city level and how these need to be translated through detail plans so as to achieve master plan objectives.

The different approaches to plan making; the concepts of master plan, comprehensive development plan – the structure plan, the sector plan, the zonal plan, and other types of plan making processes, The approach to developing the lower hierarchy plan, eg. zonal plan/ward/town planning scheme in the framework of a given master plan and the relevant town planning or development act; The study and development of the relevant planning standards for different land uses; Detailing of specific sites in the proposed zonal plans, covering different land uses; preparation of detailed project reports.

Annexure III**ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (16 WEEKS)**

UNIT 1 : Introduction to Sustainable Development		
Duration		4 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
ESD-101	Approaches to the Study of Sustainable Development	25
ESD-103	Issues and Challenges	15
ESD - 105	Parameters of Sustainable Development	10
ESD- 107	Parameters Sustainable Development	20
UNIT 2 : Our Environment and its Components		
Duration		2 Weeks

Assigned Credit		2
Subject Code	Subject Name	Max Marks
ESD-102	Introduction to the Environment	20
ESD-104	The Atmosphere	10
ESD-106	The Hydrosphere	10
ESD-108	The Lithosphere	10

UNIT 3 : Energy and Environment Current Concerns		
Duration		2 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
ESD- 109	Energy and Development	20
ESD-111	Energy Consumption	10
ESD-113	Environmental Impact of Energy Production and Use	10

UNIT 4 : Agro-Environmental Resources Issues & Challenges		
Duration		2 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
ESD-110	Biodiversity	25
ESD-112	Energy	15
ESD-114	Off-Farm Inputs	10
ESD-116	Water	20

UNIT 5 : Governance Approach		
Duration		2 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
ESD-115	Institutional Framework	25
ESD-117	Legal Framework	15
ESD-119	Policy Framework	10
ESD-121	Social Framework	10

UNIT 6 : Global Concerns		
Duration		4 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
ESD-118	Environmental Calamities	25
ESD-120	Environmental Dimensions of Globalisation	15
ESD-122	Man-made Disasters	10
ESD-124	Man-made Disasters	10

CONSERVATION AND HISTORIC PRESERVATION (16 WEEKS)

UNIT 1 : Introduction to Conservation and Historic preservation		
Duration		4 Weeks

Assigned Credit		2
Subject Code	Subject Name	Max Marks
CHP-101	Course overview and introduction	25
CHP-103	Heritage Conservation- Need, Debate and Purpose	15
CHP - 105	Understanding Heritage and Types of Heritage Resources	10
CHP- 107	Values and Significance	20

UNIT 2 : Significance and Approaches		
Duration		2 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
CHP-102	Significance and value assessment - I	20
CHP-104	Significance and value assessment - II	10
CHP-106	Approaches of conservation - I	10
CHP-108	Approaches of conservation - II	10

UNIT 3 : National and International Organisations		
Duration		2 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
CHP- 109	Divergent approaches and ethics of conservation	20
CHP-111	History of Conservation Movement	10
CHP-113	Concepts and Definitions	10
CHP - 115	International agencies like ICCROM, UNESCO and their role in conservation.	

UNIT 4 : National and International Heritage Sites		
Duration		2 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
CHP-110	World Heritage Sites	25
CHP-112	Selection criteria, Authenticity and Integrity	15
CHP-114	Case Studies	10
CHP-116	Endangered Sites	20

UNIT 5 : Methods of Conservation and Preservation		
Duration		2 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
CHP- 117	Causes of decay	20
CHP-119	Listing, Documentation And Assessment Of Heritage Structures, Sites And Precincts.	10

CHP-121	Investigation, State Of Preservation And Preparing Conservation Report	10
CHP - 123	Guidelines For Maintenance And Repair	

UNIT 6 : National and International Heritage Sites		
Duration		4 Weeks
Assigned Credit		2
Subject Code	Subject Name	Max Marks
CHP-118	Categories, types and issues of heritage precincts, zones and historic areas;	15
CHP-120	Heritage Impact Assessment	15
CHP-122	Adaptive Reuse Of Heritage Structures ;	10
CHP-124	Organisational Framework And Heritage Site Management	10
CHP-126	Financial Incentives and Planning Tools, Role of Agencies In Safeguarding Heritage In India	25

SCHOOL OF BASIC AND APPLIED SCIENCES

1. Regarding the addition of new courses
 - a) Introduction to Laboratory of Calculus (May be added in 2 SEM)
 - b) Disaster Management as per the UGC norms in I year.
 - c) Proposed three Value added courses in Previous BOS.

2. Details of Publication, activity, Invited talk , Guest lecture etc are attached below for your reference.

Dual Degree Diploma Program in Guidance & Counselling

Course Title: Guidance and Counselling: Theoretical Aspect and its Application

Duration: 1 Year

rs: 120 Hrs

Hou

Unit 1: Counselling Applications-I

- Child Counselling
 - Child Abuse and Neglect
- Family & Marriage Counselling
 - Changing Family and Marriage Patterns
 - Trends in Family Therapy
- School & Career Counselling
 - Trends in Career Counselling
 - Occupational Information
 - Technology in Career Counselling

Unit 2: Counselling Applications-II

- Group Counselling
 - Development of Group Counselling
 - The Group Experience: Forming a Group, Group Stages
- Older Adult Counselling
 - Characteristics of Older Adult Clients
 - Special problems of Older Adults
 - Consultation with families of Older Adults
- Substance Abuse Counselling
 - Types of Drugs
 - Treatment of Drug Abuse
 - Youth and Substance Abuse
 - Relapse Prevention
- Crisis Intervention: HIV, Suicide, Grief, and Sexual Abuse.

Unit 3: Counselling in a Multicultural Setting

- Ethnic Groups: Multicultural Counselling
- Counselling Women & Men: Gender Role Stereotyping
- Counselling Gays, Lesbians and Bisexuals

Unit 4: Counselling Outreach: Prevention and Intervention

- Psychoeducation
 - Providing Wellness Activities
 - Social Change Activities
- Crises Intervention
 - The Process of Intervention

Unit 5: Counselling and Therapy Approaches-I

- Application of Approach: Individual, Groups and Multicultural Population
 - Psychoanalysis
 - i. Person Centred Therapy

- ii. Gestalt Therapy
- iii. Humanistic Techniques
- iv. Behavioural Techniques
- v. Cognitive Techniques- CBT

Unit 6: Counselling and Therapy Approaches-II

- i. Transactional Analysis
- ii. Logotherapy
- iii. Rational Emotive Behaviour Therapy
- iv. Other Important Techniques:
- v. Creative & Expressive Arts Therapies: Play, Art, Psychodrama and MusicTherapy
- vi. Narrative Therapy, Yoga and Meditation.

Unit 7: Practicum

Students are required to carry out practical from an illustrative list given below:

- Preparation of a case study of a person dealing with a stressful life situation, conflict or crisis with suggested interventions.
- Using standardized psychological tests to assess the relationship between any 2 variables such as family environment, marital adjustment, school or college adjustment, work satisfaction, career interests, daily stressors, and problems.
- Role play of an intake interview with different types of clients.
- Exercises on listening skills or empathy in role play.
- Interview or survey persons of different age groups or socio-cultural backgrounds to assess their needs for professional counselling.


Department of Electronics & Communication Engineering**New Courses Introduced w.e.f from Session 2023-2024**

1. Introduction of value-added course/certification course (non-credit course) on "Design of Industry-based Applications through Internet of Things (IoT)" in B. Tech/ECE/6th Semester.
2. Introduction of interdisciplinary course curriculum on
 - Renewable Energy Sources (EC-415) in B. Tech 7th Semester
 - Nano Electronics and its applications (EC-417) in B. Tech 7th Semester

Remarks:

- Syllabus Attached.

Kapil Kumar





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Department of Electronics & Communication Engineering (ECE)

Ref. No: LV/ECE/BOS/OE2/2023

Date: 09th January, 2023

SN	Category	Course Code	Course Name	Periods			Credit
				L	T	P	
1	OE	EC-417	Nano Electronics & its Applications	3	0	0	3

Course Objectives: The objective of the course on Nano Electronics is to equip the B. Tech students with the concepts of nano scale electronic that he/she needs for understanding nano scale electronics for developing a strong background if he/she chooses to pursue higher studies in Nanotechnology as a career.

Course Outcomes: At the end of the course, the student will be able to

CO1 Apply electronics engineering concepts to the nano-scale semiconductor materials.

CO2 Understand various nanostructures and its applications towards Quantum Electronic Devices.

CO3 Characterize the Principle and working of Spintronics and plasmonics

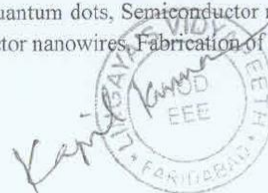
Unit 1: Introduction to Nanotechnology. Definition of Nano, emergence and challenges of nanoscience and nanotechnology, carbon age-new form of carbon (CNT to Graphene), influence of nano over micro/macro, size effects and crystals, large surface to volume ratio, surface effects on the properties.

Unit 2: Characterization Techniques -Diffraction analyses: X-ray diffraction, Surface Imaging: Scanning Electron Microscope (SEM) – Field Emission Scanning Electron Microscope (FESEM)- Spectroscopic techniques: Infra-red spectroscopy (IRUV-visible - Raman Spectroscopy- Photoluminescence (PL)

Unit 3: Nanoelectronics

Inorganic semiconductor nanostructures, Tuning the band gap of nanoscale semiconductors, Quantum Confinement, Single Electron transistor, the colors and uses of quantum dots, Semiconductor nanowires- Fabrication strategies, quantum conductance effects in semiconductor nanowires, Fabrication of Nanobelts, Plasmonics, Applications of Plasmonics

Unit 4 Memory Devices and Nano sensors





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Concept of Spintronics, Applications of Spintronic devices, Nano ferroelectrics – Ferroelectric random-access memory, Nanoscale electronic and ionic transport. Injection lasers. Nano sensors: Introduction to sensors., Fundamentals of sensors, biosensor, micro fluids, Packaging and characterization of sensors, Sensors for aerospace and defence. Organic and inorganic nano sensors. Sensor for bio-medical applications. Gas sensor. electronic noses, identification of hazardous solvents and gases – semiconductor sensor array

Unit 5 Nanomaterials for solar cells

Solar cell basic working principles, basic principle of HOMO & LUMO, Bulk Heterojunction polymer solar cells, Dye Sensitized Solar cells, working of quantum dot solar cells. Applications of Solar energy devices

Linear photonics crystals-Maxwell's equation, Bloch's theorem, transmission spectra, Nonlinear Photonic crystals, Fabrication of Photonic crystals

Text Books:

1. Charles P Poole, Jr, Frank J Owens, "Introduction to Nanotechnology", John Wiley, Copyright 2006, Reprint 2011.
2. Nano Electronics and Information Technology: Rainer Waser
3. T Pradeep, "Nano: The essentials-Understanding Nanoscience and Nanotechnology", TMH.
4. W. Ranier, Nano Electronics and Information Technology, Wiley, 2003. 3. K.E. Drexler, Nano systems, Wiley, (1992).

Reference Book:

1. Edited by William A Goddard III, Donald W Brenner, Sergey E. Lyshevski and Gerald J Iafrate, "Hand Book of Nanoscience Engineering and Technology", CRC press, 2003.
2. Concepts in Spintronics – Sadamichi Maekawa





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Department of Electronics & Communication Engineering (ECE)

Ref. No: LV/ECE/BOS/OE1/2023

Date: 09th January, 2023

SN	Category	Course Code	Course Name	Periods			Credit
				L	T	P	
1	OE	EC-415	Renewable Energy sources	3	0	0	3

Course Objective The purpose of this course is to

1. To give exposure to students about various non-conventional energy resources.
2. To give the exposure about characteristics of non-conventional energy resources
3. To introduce the working of different non-conventional energy resources.
4. To introduce about the technologies used in non-conventional energy resources.

Course Outcome:

CO1: Ability to describe the environmental aspects of non-conventional energy resources in Comparison with various conventional energy systems, their prospects and limitations.
 CO2: Ability to analyze need of non-conventional energy sources under various conditions.
 CO3: Understand various technologies used in non-conventional energy resources.

Unit 1: Introduction: Various non-conventional energy resources- Introduction, availability, classification, relative merits and demerits. Solar Cells: Theory of solar cells. Solar cell materials, solar cell array, solar cell power plant, limitations.

Unit 2: Solar Thermal Energy: Solar radiation, flat plate collectors and their materials, applications and performance, focusing of collectors and their materials, applications and performance; solar thermal power plants, thermal energy storage for solar heating and cooling, limitations.

Unit 3: Geothermal Energy: Resources of geothermal energy, thermodynamics of geo-thermal energy conversion-electrical conversion, non-electrical conversion, environmental considerations. Magneto-hydrodynamics (MHD): Principle of working of MHD Power plant, performance and limitations. Cells: Principle of working of various types of fuel cells

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and their working, performance and limitations.

Unit 4: Thermo-electrical and thermionic Conversions: Principle of working, performance and limitations. Wind Energy: Wind power and its sources, site selection, criterion, momentum theory, classification of rotors, concentrations and augments, wind characteristics. Performance and limitations of energy conversion systems.

Unit 5: Bio-mass: Availability of bio-mass and its conversion theory. Ocean Thermal Energy Conversion (OTEC): Availability, theory and working principle, performance and limitations. Wave and Tidal Wave: Principle of working, performance and limitations. Waste Recycling Plants.

Text Book:

1. Raja etal, "Introduction to Non-Conventional Energy Resources" Scitech Publications.
2. John Twideu and Tony Weir, "Renewal Energy Resources" BSP Publications, 2006.
3. M.V.R. Koteswara Rao, "Energy Resources: Conventional & Non-Conventional" BSP Publications, 2006.
4. D.S. Chauhan, "Non-conventional Energy Resources" New Age International.
5. C.S. Solanki, "Renewal Energy Technologies: A Practical Guide for Beginners" PHILearning.
6. Peter Auer, "Advances in Energy System and Technology".Vol.I & II Edited by Academic Press.
7. Godfrey Boyle, "Renewable Energy Power For A Sustainable Future", Oxford University Press.





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Department of Electronics & Communication Engineering (ECE)

Ref. No: LV/ECE/BOS/VAC01/2023

Date: 09th January, 2023

Value Added Course (Non-Credit Course)

Semester: 6th Sem.

Duration: 30 Hrs.

Design of Industry-based Applications through Internet of Things (IoT)

Module 01: Introduction to Internet of Things (IoT)

Introduction to Internet of Things (IoT)
 Applications of IoT in various business sectors
 IoT architecture & building blocks
 How to build an IoT product
 Sensors & Interfacing
 Software & Hardware platforms for IoT implementation
 Introduction to Arduino Hardware & IDE

Module 02: Introduction to Arduino & its IDE


The Arduino Open-Microcontroller Platform
 Arduino Basics
 Arduino Board Layout & Architecture

Module 03: Interfacing of Sensors & its Programming

Introduction to DHT11 Temperature and Humidity measurement
 Introduction to Actuators (Relay)
 Introduction to BLE (Bluetooth 4.0 & 5.0) & Wireless (Wi-Fi) Technology

Module 04: Android APP Creation & Server Creation

Introduction to MIT APP Inventor
 How to select a server for your application
 Server Integration with APP

Kamal Kumar




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Module 05: Arduino & ESP8266 WiFi Module Integration

Introduction to Arduino & ESP8266-12E Interface
 Introduction to ESP8266 programming using Arduino
 Arduino+ESP8266 as Server and Client
 Arduino+ESP8266 as an Access Point
 Introduction to various Notification Servers

Module 06: MQTT, HTTP, API & Cloud Platforms' Communication Protocols

Introduction to JSON
 Introduction to IOT Cloud Platforms and API
 HTTP & MQTT Protocol & Their Difference
 Introduction to MQTT Broker
 Introduction to Publish & Subscribe Methods
 Introduction Smart Bridge, Thing Speak, Google Firebase IOT Cloud
 Uploading sensor data to Cloud using API's
 Data Visualization, Data Analytics, Plugins, Import & Export
 Sending and Receiving Data from IOT Cloud using ESP8266 & Arduino

Module 07: Real Time Problems & Cases based Prototyping

Smart City
 Smart Water
 Smart Environment
 Smart Health (Remote)
 Smart Waste Management
 Smart Agriculture
 Smart Safety
 Smart Supply Chain & Logistics
 Smart Manufacturing / Industrial Iot



BOARD OF STUDIES

SCHOOL OF AGRICULTURE SCIENCE

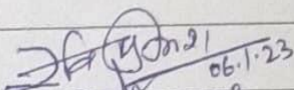
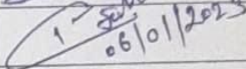
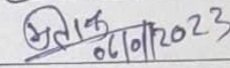
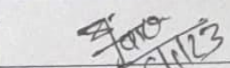
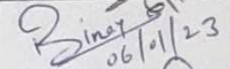
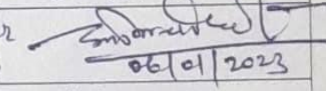
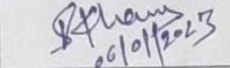
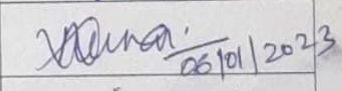
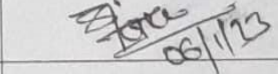
A meeting of Board of studies was held at 02:30 pm on dated 06.01.2023 (Friday) at in School of Agricultural Science, (Lingaya's Vidyapeeth, Faridabad).

AGENDA

The following items of Agenda was placed for consideration before the Board of Studies in B.Sc. Agriculture syllabus:-

Finalization of the scheme and syllabus of B.Sc. Agriculture Hons. As per 5th Dean's Committee of ICAR

Following members were present: -

S.N.	Name	Signature
1	Dr. Ravi Prakash Mishra, Chairman BOS	 06/01/23
2	Dr. Praveen Kumar Sahu, Member BOS	 06/01/2023
3	Dr. Manjeet Kumar, Member BOS	 06/01/2023
4	Mr. Anand Prakash Pathak, Member BOS	 06/01/23
5	Dr. Binay Kumar, Member BOS	 06/01/23
6	Dr. Anil Kumar Chaudhary, Non Member BOS	 06/01/2023
7	Mr. Saif Alam, NonMember BOS	 06/01/2023
8	Mr. Alok Kumar, NonMember BOS	 06/01/2023
9	Anand Prakash Pathak	 06/01/23

DISCUSSION

MOM for U.G. Program:

A. The reference of the syllabi was taken from ICAR recognized universities GBPUAT Pantnagar, SVPUAT Meerut and CSAUAT Kanpur.

B. Courses

1. Code: Each course shall bear a distinguishing code (as mentioned in the evaluation scheme) that identifies the discipline from which it is being offered.
2. Code numbers:
 - a. First letter represents Agriculture course.
 - b. Second and third letters branch of Agriculture.
 - c. First number represents year, second number represents odd or even semester, and third number represents course of particular discipline in a semester, respectively.
 - d. There shall be four types of credit courses, "only theory courses", "only practical courses", "composite courses" and "credit seminar". The composite courses will consist of both theory and practical components.
 - e. Subject codes were designed session wise for example- for 1st year and semester 1st it is assigned BSAG-1101, for 2nd year and semester 2nd semester BSAG-1201.
 - f. Teaching hours was assigned as per credit. It is 14 teaching hours for 01 credit (theory).

C. Internal assessment

1. Internal assessment will be done in the form of Continuous Evaluation having at least two types of Examination i.e., Internal Examination and External Examination.
2. The internal examination shall be of following types:
 - a. Sessional Examination
 - i. Sessional Examination-I
 - ii. Sessional Examination-II
 - b. Assignments
 - c. Practical Examination
3. If a student fails to appear at any of internal examination due to extremely genuine case(s), he/she may be permitted by the Dean, School of Agriculture (SOA) in consultation of Honourable Vice Chancellor of the University to appear at the make-up examination before the commencement of semester final examination.
4. If a student fails to take the permission for the make-up examination within the specific periods he/she shall be awarded zero mark in the missed examination.
5. Practical examination should be preferably taken before the commencement of semester final examination; however, in special case after the permission of the honourable Vice Chancellor of the University it may be scheduled after the semester final examination.
6. The external examination is the semester Final examination.
7. Semester final examination, back paper examination, duration of examination, Evaluation of answers scripts, Scrutiny, Tabulation, Preparation of result, Announcement of result, decision on use of unfair means, etc. shall be conducted as per university rule under the controller of examination (COE), Uttaranchal University as per academic calendar.

8. A course instructor may conduct class test, quiz, other examination to motivate students for self-study but results of such examination will not affect any of grade point.
9. Within 15 days of conducting the Internal Examination, the Course instructor will submit marks in the prescribed format to the HOD who will sign and forward to the Deputy Registrar or Joint Registrar or Controller of the Examination or Deputy Controller of Examination (who so ever is concern). The department may keep one copy of evaluation sheet for office use.

D. Credit Requirements

1. In order to qualify the B.Sc. (Hons.) Agriculture degree, a student shall be required to complete a minimum of 175 credits.
2. A student's programme of studies shall not be more than 26 credits at once in any semester.

E. Examination and Evaluation System

The BOS Committee recommends Uniform Grading system as per recommendations of The Fifth Deans' Committee of ICAR to be followed with uniform OGPA requirements for award of degrees at all levels and uniform conversion formulae to be followed for declaration of I, II and III divisions, distinctions, etc. Declaration of division in the degree certificate to be made compulsory by all universities:

F. Examination

External theory (50%)

Internal Theory + Practical (50%)

- Courses with theory and practical

Mid-term Exam (30%) + Assignment (5%) in practical oriented courses + Practical (15%)

- Courses with only theory

Mid-term Exam (40%) + Assignment (10%)

- Courses with only practical:

(100%) Internal

-Non-Gradial Compulsory Courses:

(100%) Internal

Paper to be set by external: HOD shall ensure the coverage of syllabus. If needed moderation question paper can be done. Evaluation is to be done internally by the faculty other than the Course Instructor. Syllabus of the concerned course shall be sent to the external examiner, who shall prepare the question papers. For practical, it is recommended that examination shall be conducted by course instructor(s) and one teacher nominated by HOD.

G. Added elective subjects as per ICAR 5th Dean committee.

- H. Student READY programme was launched by the Hon^{ble} Prime Minister of India on 25th July, 2015 is added.

Course Scheme

SEMESTER – I & II

Course code	Course Title	Credit	L (hr)	P (hr)	IP	Test (2)	Assign. (2)	MTE (avg)	ESE	PRA	Total
BSAG-1101	Fundamentals of Horticulture	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1102	Fundamentals of Plant Biochemistry and Biotechnology	3 (2+1)	2	2	10	5	5	15	50	15	100
BSAG-1103	Fundamentals of Soil Science	3 (2+1)	2	2	10	5	5	15	50	15	100
BSAG-1104	Introduction to Forestry	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1105	Comprehension and Communication Skills	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1106	Fundamentals of Agronomy	4 (3+1)	3	2	10	5	5	15	50	15	100
BSAG-1107	Introductory Biology*	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1108	Elementary Mathematics*	2(2+0)*	2	0	15	10	10	15	50	0	100
BSAG-1109	Agricultural Heritage*	1(1+0)*	1	0	15	10	10	15	50	0	100
BSAG-1110	Rural Sociology & Educational Psychology	2 (2+0)	2	0	15	10	10	15	50	0	100
BSAG-1111	Human Values and Ethics	2 (1+1)	1	2	10	5	5	15	50	15	100
BSAG-1112	NSS/NCC/Physical Education & Yoga Practices**	1 (0+1)**	0	2	20	-	-	-	-	80	100
TOTAL *R: Remedial course; **NC: Non-gradual courses		19 (12 + 7)	12	14							1200

Course code	Course Title	Credit	L (hr)	P (hr)	IP	Test (2)	Assign. (2)	MTE (avg)	ESE	PRA	Total
BSAG-1201	Fundamentals of Genetics	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1202	Agricultural Microbiology	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1203	Soil and Water Conservation Engineering	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1204	Fundamentals of Crop Physiology	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1205	Fundamentals of Agricultural Economics	3(3+0)	3	0	15	10	10	15	50	0	100
BSAG-1206	Fundamentals of Plant Pathology	4(3+1)	3	2	10	5	5	15	50	15	100
BSAG-1207	Fundamentals of Entomology	4(3+1)	3	2	10	5	5	15	50	15	100

BSAG-1208	Fundamentals of Agricultural Extension Education	3(2+1)	2	2	10	5	5	15	50	15	100
BSAG-1209	Farm Machinery and Power	3(2+1)	2	2	10	5	5	15	50	15	100
TOTAL		29(21+8)	21	16							900

School of Vocational Studies

Lingaya's Vidyapeeth
(Deemed To Be University U/S 3 Of UGC Act, 1956)

Date- 7th Dec 2022**Board of Studies Meetings, December 2022****Minutes of Meeting**

The Bi Annual BOS Meeting was conducted on 7th Dec 2022, in the School of Vocational Studies (B VOC Paramedical).

Following Members and Experts were present:

1. **Mr. Rajender Kaul, (Chairman)**
2. **Ms. Divya Sachan, (Member Secretary)** *Sachan*
3. **Dr. Vandana, (External Member)**
4. **Dr. Komal Jain (External Member)**
5. **Mr. Shadab Husain (Faculty Member)**

During the meeting the following decisions were taken:-

ITEM 1 To introduce Case Study in all Semester of BVOG Paramedical Program as it is a Skill Based Program.

- 1.1 It was proposed to introduce Case Study in all Semester of BVOG Paramedical Program.
- 1.2 As it is a skill based Program, it was proposed that introduction of Case Study in Course will enable the students to have the skill of critical thinking, autonomous practice and to understand the use of real world situations as a basis of learning.

ITEM 2 To consider the weightage of Case Study equivalent to Mid Semester Exams and incorporate the same in Scheme of Evaluation.

- 2.1 It was proposed to consider the weightage of Case Study equivalent to Mid Semester Exams and incorporate the same in Scheme of Evaluation.
- 2.2 As per New Education Policy (NEP), continuous assessment and evaluation is the basis on which Case Study is introduced in place of Mid Semester Examinations.

**ITEM 3 To Introduce New Sub Courses in BVOG
(a) B.VOC Multimedia & Animation**

- 3.1 The matter was deliberated and it was decided to place the same before Academic Council Meeting for final approval.

**ITEM 4 To Introduce New Sub Courses in BVOG Fashion Design
(b) B.VOC (Fashion Communication)**

- 4.1 The matter was deliberated and it was decided to place the same before Academic Council Meeting for final approval.

Agenda of 25th Board of Studies
Lingaya's Vidyapeeth
School of Education
(27th December 2022 at 1:30 PM)

Minutes of the Departmental Meeting

Date: 27-12-2022	Time: 1:30 PM
Venue: Room No-317	Agenda: BOS

The following members were present in the meeting

Special Invitee

1. Prof. (Dr.) M. K. Soni Hon. Pro-Chancellor, Lingaya's Vidyapeeth, Faridabad.
2. Prof. (Dr.) D.P.Singh Hon. Dean Academic, Lingaya's Vidyapeeth, Faridabad

External Expert (Academics)

3. Prof. (Dr.) M.C. Sharma Former Director, IGNOU, New Delhi.

Internal Expert (Industry)

4. Mrs. Anamika Mishra Dubey Principal, Lingaya's Public School, Faridabad.

Members

5. Prof. (Dr.) Gurvinder Ahluwalia Chairperson-BOS (HOD & Associate Dean, SOE)
6. Dr. Sangeet Sharma Member- BOS (Associate Professor, SOE)
7. Ms. Melita Stephen Natal Member- BOS (Assistant Professor, SOE)
8. Ms. Shikha Naskar Member- BOS (Teaching Assistant, SOE)
9. Ms. Minakshi Breja Member- BOS (Teaching Assistant, SOE)
10. Priyanka Chaurasiya Member- BOS (Student Representative, 3rd Sem)
11. Bandana Thakur Member- BOS (Student Representative, 3rd Sem)
12. Purnima Khanna Member- BOS (Student Representative, 1st Sem)
13. Jyoti Mishra Member- BOS (Student Representative, 1st Sem)

Prof. (Dr.) M. K. Soni, Hon. Pro-Chancellor, Lingaya's Vidyapeeth, Faridabad could not attend the meeting.

At the outset, the Chairperson welcomed the members for attending the 25th meeting of the Board of Studies. Further, the Chairperson has expressed special thanks to Prof. (Dr.) M.C. Sharma Former Director, IGNOU for sparing the time from his busy schedule to attend the meeting.

After that, the agenda items were taken up and the Board decided/recommended as under:

AGENDA 1: To report the review, where necessary, on the various discussions taken on the proceedings of the 24th meeting of BOS held on 22.07.2022.

The Board has expressed satisfaction with the review report on the various decisions taken in its 24th meeting of BOS held on 22.07.2022.

AGENDA 2: To report the action taken, where necessary, on the various discussions taken on the proceedings of the 24th meeting of BOS held on 22.07.2022.

The Board noted the action taken, where necessary on the various decisions taken in its 24th meeting held on 22.07.2022. The Board also expressed its satisfaction with the action taken report on the various decisions taken in its 24th meeting of BOS held on 22.07.2022.

AGENDA 3: To consider and approve the curriculum model as per New Education Policy 2020.

The board went through the Curriculum Model adopted by the School of Education, Lingaya's Vidyapeeth which is committed to providing quality higher education and to developing good, thoughtful, well-rounded, and creative future teachers.

AGENDA 4: Review of Scheme and syllabus for B.Ed.2021-2023 and 2023-2024.

The board has gone through the agenda and approved the Scheme and Syllabus for B.Ed.2022-2023 and 2023-2024. The chairperson has introduced the new subject 'Scholastic Learning', (inclusive of Scholastic Learning Activities viz. Interdisciplinary Lecture/ Workshop, Workshop/ Seminar organized by students, FDP/ CDP/ PDP, Educational Trip, Research Paper writing) in all the Semesters I, II, III and IV separately. Out of Total credit of 4, 1 credit is given to each Scholastic Learning Activity. The board has authorized the chairperson to develop the Course Objectives, outline, Implementation strategies, and syllabus for the specific instructional learning for the proposed Subject. Also, MOOC has been removed from Semesters I, III, and IV semesters, rather planning to encourage students to develop E-MOOC in the IV Semester.

Board has asked to keep the Pedagogy Subjects as per the candidates for Senior Secondary Level. Board has also suggested containing at least 7 Faculty members in the School of Education, LV.

AGENDA 5: Review of Scheme and Syllabus for M.Ed.2021-2023and 2023-2024.

Dr. Sangeet Sharma has discussed the scheme and syllabus of the M.Ed. 2021-2023 and 2023-2024 and also proposed to include NEP 2020 and Indian Philosophy in Asthik and Nasthik Philosophy and its educational implications in the 1st Semester syllabus.

On that note, the academic expert has suggested integrating and focusing more on the Teacher Education section of NEP 2020 and also including specific and particular syllabi of Indigenous knowledge of Indian Philosophy and its educational interpretation.

Member has also discussed and shown interest in introducing a joint project for M.Ed. students where students get an opportunity to interact or visit any educational institution where innovation and good practices have taken place.

AGENDA 6: Discussion on Doctoral Research Projects.

The eminent expert has suggested focusing more on Applied Research at the Doctoral Research level.

AGENDA 7: Discussion on Syllabus based on employability, life skill, entrepreneurship, and capacity building.

The eminent expert has suggested engaging B.Ed. students in Action Research as a part of capacity building and focus more on practical aspects of the teaching profession. Also, encourage students to develop Low-Cost Educational aids and materials for creating employability and Entrepreneurship opportunities.

AGENDA 8: Dual Degree Program/ Certification programs.

The board has gone through Agenda No. 8 and found it satisfactory.

AGENDA 9: Discussion on E-content development (Virtual labs).

The board has discussed the development of ICT products as a part of Virtual Labs, where students will be taught to learn about the audio-video program, computer-assisted learning, online learning, and also the nature of media for teaching-learning purposes. Also, include a Script and interaction portal as a feedback mechanism for a successful virtual lab. (E-MOOC).

AGENDA 10: Discussion on Capacity development and skills enhancement initiatives by SOE.

Board has suggested including Decision-making skills, Continuous Professional development programs, and School leadership and management as an initiative by SOE.

AGENDA 11: Discussion on online/ face-to-face Faculty Development Programmes (FDP) during the year.

The Chairperson has proposed that SOE would be conducting FDP/ CDP on the Statistical Package for the Social Sciences in January 2023.

AGENDA 12: Discussion on collaborative (MOUs) activities with other institutions/ research establishments/industries for research and academic development of faculty and students during the year.

Expert has suggested getting associations and MOUs with top-level institutions/schools for providing effective Teacher's Training Programs, Internship Programs, Research Projects, Innovation & Good Practices, and Employability.

AGENDA 13: Discussion on Grants for research projects sponsored by government agencies during the year (INR in Lakhs).

The board has gone through Agenda No. 13 and found it satisfactory

AGENDA 14: Discussion on B.Ed. integrated course with that of other Undergraduate degree programs.

The board has informed that the NCTE is allowing only the Government University to introduce B.Ed. Integrated Course.

AGENDA 15: Discussion on Innovative B.Ed. Program.

The Expert has suggested to develop curriculum for Innovative B.Ed. program as per the prescribed thrust area by NCTE. Board has also suggested to plan and bifurcating the domain areas and subdomain areas according to the semester scheme (Number of Theory and Practical Subjects) for future actions/approval.



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NAAC ACCREDITED

Approved by MHRD/ AICTE/ PCI/ BCI/ COA/ NCTE

Nachauli, Jasana Road, Faridabad - 121002; Ph: 0129-2598200-05

Website: www.lingayasuniversity.edu.in

9th January 2023

School of Basic and Applied Sciences

Minutes of BoS meeting (Held on 6th January 2023)

A meeting of Board of Studies for School of Basic and Applied Sciences was held on 6th January, 2023 at 11.00 AM in E-203, Central block, Main building, Lingaya's Vidyapeeth, Faridabad, Haryana. The meeting was conducted under the chairmanship of Prof (Dr.) A.K Jha, Dean School of Basic and Applied Sciences. The meeting was attended by the following members.

Name	Designation	Position
Prof (Dr.) A.K Jha	Dean, SOBAS	Chairperson
Dr. Manoj Malik	Associate professor	Member
Dr. Rizwan Arif	Assistant Professor	Member
Dr. Rashmi Singh	Assistant Professor	Member
Dr. Binay Kumar	Assistant Professor	Member
Ms. Monika Mishra	Assistant Professor	Member
Ms. Konica Sharma	Assistant Professor	Member
Mr. Parmod kumar	Teaching Assistant	Member
Ms. Priyavada	Assistant Professor	Member
Dr. Sheela Devi	Associate professor, MSIT, GGSIPU University	Academic & Research Expert(Physics)
Dr. Himanshu Gupta	HOD, IFTM University, Moradabad	Academic & Research Expert(Chemistry)
Dr. Neetu Gupta	Chairperson, Department of Mathematics, J.C Bose University of Science &	Academic & Research Expert(Mathematics)



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	Technology	
Mr. Subodh Budhakoti	Application Development Scientist (ThermoFisher, Noida)	Industrial Expert

The following points were discussed and recommended:

Agenda Item No.1: Confirmation of previous BOS minutes of meeting attached as Annexure I.

The minutes of previous BOS meeting was placed and the board expressed satisfaction at the implementation of same.

Agenda Item No.2: Discussion and recommendation on proposed amendments in B.Sc. (Hons.) Physics, Chemistry, Mathematics and M.Sc. Physics & Chemistry scheme & syllabus for the session 2022-23 as per NCrf.

B.Sc Hons. Physics and M.Sc Physics Scheme and Syllabus:

Scheme and Syllabus of Physics department was presented to both Academic and Industry experts. Minor revisions were suggested by Academic expert which are as follows:

- 1) Re-arrangement of Units was suggested.
- 2) Addition and deletion of certain topics were advised.
- 3) The relevance between theory and laboratories/practicals was emphasized by the members.

All members present agreed to implement in curriculum.

B. Sc. Hons. Chemistry and M. Sc. Chemistry Scheme and Syllabus:

Both the Academic and industrial experts reviewed the scheme and syllabus of Chemistry Department and suggested that scheme is well defined and also advised to explore the possibility Disaster Management as a compulsory subject since it is mandatory as per the UGC norms. It was felt that the course should be conducted at university level open for all schools. It was



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further suggested to introduce chemistry related subject in GE (Generic Elective) in running course to be selected by the students.

B.Sc Hons. Mathematics and M.Sc Mathematics Scheme and Syllabus:

Syllabus and Scheme of B.Sc (H) Mathematics and M.Sc Mathematics was presented to both Academic and Industry experts. Following suggestions were made.

1. Introduce computer programming language in 1st and 2nd semester in B.Sc (H) Mathematics syllabus and scheme.
2. Introduce some practical paper of related topics like Calculus, Differential Equation and Multi Variate Calculus to develop the computational skill of students.
3. They have suggested MATLAB experiments should be based on method and not problem Specific.
4. Lab facility for Mathematics needs to be developed at the Departmental level.

Agenda Item No. 3: Discussion and recommendation on Value Added Courses (VAC) for the Session 2022-23.

Following VACs were proposed:

- 1. Fundamentals of Computing for Basic Sciences**
- 2. Basic Instrumentation Skills**
- 3. Optimization theory**

The Academic as well as Industrial experts approved the value added courses. All the members present were informed about the documents which are required to kept in records like preparation of brochure, the steps needed before floating the brochure on our Departmental/University website, Students' enrolled records/documents, certificate designing, receiving of certificates details etc. which shall be required to be submitted in IQAC for NAAC purpose.



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In addition to the Agenda mentioned above, Academic experts suggested that “skill, employability and entrepreneurship” like terminologies should be implemented in our CO's to make the course effective as it is being mentioned by NAAC also.

All the above suggestions and recommendations are advised to be submitted before Academic council for the final approval.

For: 
21/02/2023
Prof (Dr.) Arun Kumar Jha

Dean School of Basic and applied Sciences



Lingaya's Vidyapeeth
(Deemed To Be University U/S 3 Of UGC Act, 1956)
Department of Mechanical Engineering

10th January, 2023

Minutes of Meeting of the Board of Studies (BOS) in the Department of Mechanical Engineering, 10th January, 2023

The Biannual BOS meeting in the Department of Mechanical Engineering, Lingaya's Vidyapeeth was conducted on 10th January, 2023 on online mode. The following External Expert members were present in the meeting;

External Expert

Dr Balbir Singh	Associate Professor, Sree Mata Vaishno Devi university, Katra Jammu.
Mr. Rajeev Tyagi	Assistant Vice President, SMS India , Gurgaon.

Members From the Department/University

The committee is proposed to be consisting of following members;

Members from the Department/University

- Prof. (Dr.) D. P. Singh Dean Academics.
- Mr. R. K. Deb Assistant Professor, Department of Mechanical Engineering.
- Mr. Gaurav Upadhyay Assistant Professor, Department of Mechanical Engineering
- Dr. Sanjay Sundriyal BOS Coordinator.
- Dr. Ankur Gupta Assistant Professor, Department of Mechanical Engineering
- Mr. Gaurav Assistant Professor, Department of Mechanical Engineering
- Mr. Gaurav Mishra Alumni
- Mr. Pulkit Student

Google Meet Joining Link : meet.google.com/cc-a-wrvb-xuj

The minutes of meeting of the Board of Studies held on 19th July 2022 was confirmed and the Action Taken Report is as follows.

S.No.	Item/ Issues	Discussions	Compliance	Status
1	<p>Introduction of new courses in B.Tech Mechanical Engineering.</p> <p>3.1 Thermal Engineering</p> <p>3.2 Computer Aided Machine Drawing</p> <p>3.3. Fluid Mechanics and Machinery</p> <p>3.4 Mechanics of solids</p> <p>3.5 Metrology and Computer Aided Inspection</p> <p>3.6 Theory of Machines</p> <p>3.7 Manufacturing Technology and quality control</p> <p>3.8 Machine Design</p> <p>3.9 Automobile Engineering</p> <p>3.10 Mechatronics</p> <p>3.11 Management Science and Productivity</p>	The BoS members reviewed the scheme and syllabus of 2021-25 batch and approved the same.	Dr. Maniraj.M.	Implemented.
2	<p>Baskets of Program Electives in the field of Electric Vehicles, 3D printing, Internet of Things and Artificial Intelligence & Machine Learning,</p>	The department framed the scheme and syllabus and chairperson presented the same before BoS members. The Board went through and it was decided that the new scheme and syllabus can be implemented for 2021-25 batch for Mechanical Engineering , 3D printing and Electrical vehicles .	Dr.Sanjay Sundriyal	Implemented.

Following points were discussed and finalized;

1. The minutes of the previous BOS meeting were confirmed.
2. Action taken report of previous BOS meeting was noted.
3. Syllabus of B.Tech Mechanical 2021-25, IV, V, VI, VII, VIII Semester were approved.
4. Change of code for engineering mechanics (IIIrd sem) from ME-202 to ME-201 was approved

5. Change/modification of Syllabus for the following courses were approved.

- 5.1 Fluid Mechanics (ME-202)
- 5.2 Strength of materials (ME-204)
- 5.3. Kinematics of machines (ME-210)
- 5.4 Fluid Mechanics Lab (ME-252)
- 5.5 Strength of materials lab (ME-254)
- 5.6 Kinematics of machines lab (ME-260)
- 5.7 Mechanics of material (ME-301)
- 5.8 Manufacturing technology (ME-303)
- 5.9 Fluid machinery (ME-308)
- 5.10 Fluid machinery lab (ME-358)
- 5.11 Dynamics of machine (ME-304)
- 5.12 Dynamics of machine lab (ME-354)

6. Programme Electives courses as per specialization were approved

SEM	Mechanical engineering	3D - printing	Electric vehicles
Elective –I V th	Sustainable energy Engineering ME 321	Fundamentals of 3 D printing MEDP-321	Fundamentals of Electric and Hybrid Vehicles MEEV-321
Elective –II VI th	Power plant engineering ME 322	Additive manufacturing MEDP-322	Electric vehicle technology MEEV-322
Elective –III VII th	Mechanical vibration ME 421	3 D printing process and application MEDP-421	Smart sensors MEEV-421
Elective –IV VII th	Automotive engineering ME 423	Product design and development MEDP-423	EV battery and charging system MEEV-423
Elective –V VIII th	Industrial Automation ME 422	Metal additive manufacturing MEDP- 422	Hybrid electric vehicle technology MEEV-422
Elective –VI VIII th	Unconventional machining process ME 424	Unconventional machining process ME 424	Electrical and autonomous road vehicle MEEV-424

7. Both the External Experts appreciated very much about the scheme design and syllabus content as both are inline with the present scenario of industrial demand . The following suggestion were given by the experts in the following subjects:

- (a) Inclusion of Impulse momentum relationship and its applications; Problems Equivalent pipe; power transmission through pipes and related Problems in Fluid Mechanics (ME-202)
- (b) Special Mechanisms should be added in Kinematics of machines (ME-210)
- (c) Methods of measuring length and surfaces to nano scale result with interferometers and other devices and Blue light sensor, white light sensor, nano measurement should be added in Computer aided measurement and inspection (ME-206)
- (d) Inclusion of more problems related to Radial and Hoop stresses and strains in thick cylinders in Mechanics of material (ME-301)

(e) Non-destructive inspection like visual inspection, dye penetrant inspection, magnetic particle inspection, eddy current inspection, ultrasonic testing and Acoustic Emission Inspection should be included in Manufacturing technology (ME-303)

(f) Topics like Training and Development -On-the-job & Off-the-job training methods - Performance Appraisal Concept -Methods of Performance Appraisal –Placement -Employee Induction -Wage and Salary Administration to be included in Management science and productivity (ME-307)

(g) Problems onHydraulic systems and its Function, construction and operation of Hydraulic accumulator; hydraulicintensifier; hydraulic crane; hydraulic lift and hydraulic press; Fluid coupling and Torqueconverter; Hydraulic ram and related Problems in fluid machinery to be included (ME-308)

(h) Automated Guided Vehicle System (AGVS), AGVS Application, Vehicle Guidance technology, Vehicle Management & Safety may be included in CAD/CAM/CIM (ME-302)

8. Academic expert suggested to have a proper record of the schemes to facilitate the students as and when required for various academic activities.

9. Industrial expert suggested the following ;

- (i) To give more stress on personality development of the students with respect to their expression and explaining capability of their understanding and thought rather than grammatical language .
- (ii) To expose physically or through internet videos about the industry to the studens at early semesters so that we can mould the students as per their interest and the students can also develop themselves as per their interest with proper choice of Electives/Subjects in higher semesters.

10. The Alumni appreciated very much about the presently updated syllabus and suggested to have some important regular subjects for regular students of Mechanical Engineering Program to be kept in elective basket of Mechanical Engineering.

11. The student representative present in the meeting also commented his full satisfaction about his scheme of study and thanked the Department and university for preparing them according to the present and future industrial demand scenario and he further mentioned that , the view he expressed is only after comparing syllabus of his friends from other universities.

The meeting ended with a vote of thanks to the chair.

Mr. R. K. Deb

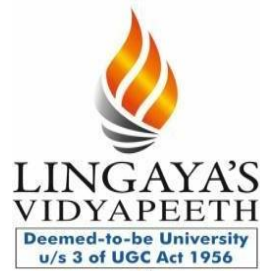
In-Charge

Department of Mechanical Engineering

Lingaya's Vidyapeeth

Dr. Sanjay Sundriyal

(BOS- Coordinator)



Lingaya's Vidyapeeth

(Deemed To Be University U/S 3 Of UGC Act, 1956)

School of Computer Science & Information Technology

Ref No: LV/BOS/SOCSIT/2023

Date: 17th Jan, 2023

Board of Studies

Time: 11:00 am-01:00 pm

**Venue: Room NO 2119,
Computing Block**

Minutes of meeting (Held on 17th JANUARY, 2023)

The 23rd Biannual Board of Studies (BOS) of School of Computer Science & Information Technology (CS&IT) was held on 17-01-2023 at 11:00 AM in Room NO 2119, Computing Block, Lingaya's Vidyapeeth, Faridabad. The meeting was held under the chairmanship of the Head of the Department, Dr. Bindiya Ahuja. The following members attended the meeting:

S. No.	Name	Designation	Position
1.	Dr. Bindiya Ahuja	Professor & HOD	Chairperson
2.	Dr. Tapsi Nagpal	Associate Professor	Member
3.	Dr. Sharik	Assistant Professor	Member
4.	Dr. Faraz	Assistant Professor	Member
5.	Ms. Priyanka Rawat	Assistant Professor	Member
6.	Ms. Komal Malsa	Assistant Professor	Member
7.	Mr. Km Anjli	Assistant Professor	Member
8.	Dr. Parul Tomar	Academic Expert	External Member
9.	Mr. Tarun Kumar	Industry Expert	External Member

The following points were discussed and recommended:**Agenda Item No. 23.1**

To confirm the minutes of the 22nd Meeting of the Board of Studies of School of Computer Science & Information Technology held on 18th July 2022.

The 22nd meeting of Board of Studies of School of Computer Science & Information Technology (CS&IT) was held on 18/07/2022 under the Chairmanship of Dr. Ritu Sachdeva. A copy of the minutes as approved by the Chairman is placed at Annexure 23.1.

Agenda Item No. 23.2

To receive the Action Taken Report on the various decisions taken in the 22nd meeting of Board of Studies of School of Computer Science & Information Technology.

The Action Taken report on the various decisions taken in the 22nd meeting of the Board of Studies of School of Computer Science & Information Technology was noted.

Item No	Decision/ Recommendations	Action Taken
1.	The minutes of the 20th meeting of the Board of Studies of Department of Computer Science & Engineering as well as Department of Computer Science held on 13th February 2020 were confirmed	No further action
2	Approval of the Scheme of 8th semester for B. Tech in Computer Science & Engineering from 2017-18 onwards in various specialization (Artificial Intelligence & Machine Learning, Data science, Cyber Security and Cloud computing & Virtualization)	Changes suggested by the members of board of studies were incorporated and approved scheme was sent to Academic Council for final approval.
3	Scheme of Master of Technology (M.Tech) for 2018-19 onwards batches to AICTE model curriculum	Approved and Scheme was sent to Academic Council for final approval.

Agenda Item No. 23.3

(i) To discuss & approve the Scheme & Syllabus of B. Tech (CSE) with Specialization in AI-ML, Data Science, Cloud Computing and Virtualization, Cyber Security.

Action: The scheme and syllabus of B.Tech(CSE) Batch (2023-2027) and onwards for different specializations was approved with minor modification.

- 1) It was suggested by Industry Expert to add Tableau Lab in B.tech (Data Science) specialization.
- 2) It was suggested by Industry Expert to add Azure in B.tech (Cloud Computing and Virtualization).
- 3) It was suggested by Academic expert to replace Software Engineering Lab with any other lab according to specialization.

4) It was suggested by Academic expert to merge two electives (Big Data Analytics & data Mining & DataWarehousing) in one as Big Data Analytics in B.tech (Cloud Computing and Virtualization).

(ii) To discuss about discontinuation of BSc (CS)

Action: It has been decided to discontinue the BSc (CS) from 2023.

(iii) To discuss the scheme and syllabus for BCA & MCA

Action: The scheme for BCA and MCA was discussed for the year 2023 and onwards.

Agenda Item No. 23.4

(i) Comparison and suggestions regarding Scheme for I-VIII semesters in B.tech (Computer Science & Engineering) for 2022 onwards as per NEP and NCRF.

Action: The scheme for I-VIII semesters in B.tech (Computer Science & Engineering) for 2022 onwards as per NEP and NCRF was discussed and approved.

(ii) Discussion and suggestions on Programme elective course basket for specialization in Artificial Intelligence/Machine Learning, Data Science, Cyber security & Cloud Computing & Virtualization.

Action: discussion has been done on Programme elective course basket for specialization in Artificial Intelligence/Machine Learning, Data Science, Cyber security & Cloud Computing & Virtualization.

(iii) To discuss about the courses need to be added in scheme/proposed skill courses (Value added courses) as per IT Industry 4.0 i.e. skillset ready for market and Employability.

Action: Discussion has been done on the courses need to be added in scheme/proposed skill courses (Value added courses) as per IT Industry 4.0 i.e. skillset ready for market and Employability. Board Members were satisfied and pleased with proposed Value Added Courses.

(iv) To solve real world problems in the form of assignments in order to apply the learnt Concepts.

Action: To solve real world problems in the form of assignments in order to apply the learnt Concepts was noted.

(v) To discuss about the skills like writing skills, soft skills, professional communication, Quantitative Aptitude etc. needed for the students.

Action: discussion has been done on the skills like writing skills, soft skills, professional communication, Quantitative Aptitude etc. needed for the students.

(vi) To discuss about the strategy for the research journey to make the students from beginners to scientists.

Action: The strategy for the research journey to make the students from beginners to scientists has been discussed and Board members agreed to add Introduction to Research Subject as Value added Course.

Agenda Item No. 23.5

To discuss about regular report and their performance during internship.

Action: Discussion about regular report and their performance during internship has been done.

Agenda Item No. 23.6

To discuss any other matters (with permission of the Chair) as the last item of the Agenda.

Action:

The BOS has forwarded to the Academic Council for Approval.

And the meeting concluded with a vote of thanks by the chairperson to all the members.

**Name and Signature of
Department Head Dr. Bindiya
Ahuja
Professor and Head
School of Computer Science & Information
Technology
Lingaya's Vidyapeeth**



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LV/ECE/BOS/MOM/2023

Board of Studies (BoS)

Department of Electronics & Communication Engineering (ECE)

Date: 09th January, 2023

Time: 02:00 pm-03:30 pm

Venue: E-204, Central Block,
Lingaya's Vidyapeeth, Faridabad

Minutes of Meeting

The meeting of 23rd Board of Studies, for Department of Electronics & Communication Engineering (ECE), was held on 09/01/2023 at 02:00 Pm in the Board Room No. E-204, Central Block, Lingaya's Vidyapeeth under the chairperson of Mr. Kapil Kumar, Head of Department (HoD), Department of Electronics & Communication Engineering (ECE), Lingaya's Vidyapeeth, Faridabad, Haryana. The meeting was attended by the following members.

S. No.	Name	Designation	Position	Signature
1.	Prof. (Dr.) S V A V Prasad,	Dean, Corporate Affairs	Member	
2.	Mr. Kapil Kumar,	Assistant Professor & Head of Department (HoD), ECE	Chairperson	
3.	Prof. (Dr.) Munish Vashishath,	Professor, JC Bose university of Science & Technology, Faridabad	Academic Expert	
4.	Mr. Umesh Dixit,	General Manager, National Small Industries Corporation (NSIC), New Delhi	Industry Expert	
5.	Mr. Rajeev Kumar,	Assistant Professor, ECE	Member	
6.	Ms. Puja Bhattacharyya,	Assistant Professor, ECE-R&D	Member	

At the outset, the Chairperson welcomed the members for attending the 23rd meeting of the Board of Studies. The Chairperson further expressed special thanks to Prof. (Dr.) Munish Vashishath and Mr. Umesh Dixit for sparing the time from their busy schedule to attend the meeting. After a brief opening, the Chairperson of Board of Studies shared about the format of agenda and the following agenda items were considered by members of the Board of Studies.

Agenda Item No. 23.1: The minutes of the 22nd meeting of the Board of Studies meeting held on 19th July 2022 was confirmed and the Action Taken Report is as follows. (Annexure 23.1)



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S.No.	Item/ Issues	Discussions	Compliance	Status
1	Discussed & approved the Scheme & Syllabus for 8 th semester of B. Tech., 4 th semester of M. Tech. in Electronics & Communication Engineering for 2021-22 Onwards.	The BoS members reviewed the scheme and syllabus of 8 th semester B. Tech. and 4 th semester of M. Tech. in Electronics & Communication Engineering for 2021-22 Onwards and approved the same.	Dr. Jaiprakash Narain Dwivedi	Implemented.
2	Discussion on Schemes & Syllabus for upcoming semester from Aug 2022- Dec 2022.	The department framed the scheme and syllabus and chairperson presented the same before BoS members. The Board went through and it was decided that the new scheme and syllabus can be implemented from B. Tech III semester and M. Tech I semester.	Mr. Alok Singh Kushwaha	Implemented.
3	Approved the scheme of B. Tech. (ECE), Master of Technology (M. Tech.) for 2020-2022 onwards batches.	The Board went through the agenda and approved the same.	Mr. Alok Singh Kushwaha	Implemented.
4	Discussion for the improvement of Employability for B. Tech. / M. Tech. (ECE) Graduates by introducing following points:	(1) Medical Instrumentation using IOT as an open elective – Suggested by Dr. SVAV Prasad (2) Block chain & Cloud computing as an open elective- Suggested by Academic Expert (3) Basic Level real time projects inclusion from beginning of semesters- Suggested by Industry Experts (4) Electromagnetic Radiation Problems, Location tracking, High Frequency radiations, smart dustbin for drop & pick up and so on projects can be introduced- Suggested by Industry Expert	Dr. Jaiprakash Narain Dwivedi and Mr. Alok Singh Kushwaha	In Progress.



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Agenda Item No. 23.2: To discuss and approve scheme and syllabus of B.Tech (ECE) and M.Tech (ECE) implemented from academic year 2023-24.

The Board went through the agenda and approved the scheme and syllabus of B. Tech (ECE) and M. Tech (ECE).

The BoS has forwarded to the Academic Council for its approval.

Agenda Item No 23.3: To discuss and approve Introduction of Value-Added Course/ Certification Course on "Design of Industry-based Applications through Internet of Things (IoT)".

The Board went through the agenda and agreed on inclusion of the Value-Added Course/ Certification Course for departmental and interdepartmental students. The course curriculum of the Value-added course had also been discussed and board considered and approved the same. Further, the board suggested to offer the Value-Added Course/ Certification Course in the 6th semester.

The BoS has forwarded to the Academic Council for its approval.

Agenda Item No. 23.4: To discuss and approve introduction of interdisciplinary course curriculum on

- Renewable Energy Sources in B.Tech 7th Semester
- Nano Electronics and its application in B.Tech 7th Semester

The Board went through the list of interdisciplinary courses and their syllabi and approved the same.

The BoS has forwarded to the Academic Council for its approval.

Agenda Item No. 23.5: To discuss and approve Project and Internship-based research paper publication of students.

- The Experts were agreed for research paper publication based upon students' project and internship as a part of curriculum by the final year students.
- Experts suggested for proper compensation or award from the Institution for those students who published their research paper in reputed journal (UGC CARE/SCI Indexed).

The BoS has forwarded to the Academic Council for its approval.

Agenda Item No. 23.6: Any other agenda items for discussion with the permission of Chair.

In order to improve employability of students, Industry expert Mr. Umesh Dixit advised to motivate students for GATE and other competitive exams. He has also shown keen interest to sign MoU with institution related to skill-based courses and students' internship. The board considered the advice of industry expert and assured to implement the same in the future.

The BoS has forwarded to the Academic Council for its approval.



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The meeting ended with a vote of thanks to the Chair.

Kapil Kumar

Kapil Kumar
Chairperson, Board of Studies (BoS)
Assistant Professor & Head of Department (HoD)
Department of Electronics & Communication Engineering (ECE)



**School of Architecture and Planning
Lingaya's Vidyapeeth, Faridabad**

Ref. No. LV/SOA/

MINUTES FOR BOARD OF STUDIES MEETING

Dated: 10th December 2022

The Board of Studies meeting for School of Architecture and Planning was held on December 10, 2022 at 2:00 p.m. in online mode.

Google Meet link: <https://meet.google.com/vfe-pzsd-gwu>

Following members of the board were present in the meeting.

- | | |
|---|-------------------|
| 1. Prof. (Dr.) M.K Soni , Hon'ble Pro Chancellor, LV | -Special Invitee |
| 2. Prof. (Dr.) D.P. Singh , Hon'ble Dean Academics, LV | -Special Invitee |
| 3. Ar. Priyank Jain ,
Proprietor & Architect Ashrya Associate New Delhi/Shamli &
Guest Faculty, IKGPTU Mohali-II | - External Expert |
| 4. Ar. Aditi Arora – HOD | - Chairman |
| 5. Prof. Kavita Nagpal – Professor | - Member |
| 6. Ar. Vivek Painuli-Associate Professor | - Member |

Ar. Aditi Arora HOD-Associate Professor-SOAP welcomed the external expert and all board members present. The members present were duly introduced to each other, and the meeting proceeded with Ar. Aditi Arora giving a brief about the School and its activities.

Agenda-1: Confirmation of last BOS meeting minutes.

Confirmation of last BOS minutes held on dated 21.07.2022 Ref No.

LV/SOAP/09/21.07.2022/BOS-MOM were duly read and confirmed by the board.

Agenda-2: Proposal for approval of Syllabus of 'B. Plan Programme' from session 2023-24. (Annexure I)

It was proposed to start B. Plan program considering a higher demand and opportunities for planners. The proposed syllabus (as per ITPI and NEP guidelines) was discussed and approved by the external member.

Agenda-3: Proposal for approval of evaluation schemes of B Planning. (Annexure II)

The evaluation schemes were prepared as per the university guidelines (keeping in view NEP 2020). They were discussed and approved by the external examiner.



School of Architecture and Planning Lingaya's Vidyapeeth, Faridabad

Agenda-4: Proposal for approval of following certificate courses: (Annexure III)

- 1. Environment and sustainable development (16 weeks)**
- 2. Conservation and Historic preservation (16 weeks)**

The relevance of the above courses was discussed at length with the external expert. It was advised to look into similar courses floated by Couseira, NPTEL etc and further refine the course content.

1. Environment and sustainable development (16 weeks)

➤ Need

Some popular terms these days include global warming, environmental protection, and sustainable development. The world is facing difficult times due to an increase in pollution levels on land, air, and sea. Temperatures are rising, sea levels are rising, monsoons are becoming more erratic, and forest green cover is dwindling. The onus is now on humanity to protect the environment from further harm and to stop its decline. As a result, there is a growing awareness of the need to protect the environment from further harm. The emphasis is also on carrying out industrial and development activities that are environmentally friendly; in other words, sustainable development is the way forward. Thus, environmental protection and sustainable development provide enormous opportunities.

➤ Objectives

- Disseminate information and exchange knowledge and experiences gained in the pursuit of the goal of sustainable development.
- Strengthen regional cooperation in environmental capacity building especially in the area of environmental management.
- Educate and train individuals from different walks of life, viz. development functionaries, government officials, journalists, policy makers, farmers, industrialists, grassroots workers, environmentalists, etc.

2. Conservation and Historic preservation (16 weeks)

➤ Need

In present day urbanization scenario there is a need to evolve a development approach for Indian cities that establishes a link between past, present and future.

It is crucial in preserving our architectural remnants from the past. We must preserve the cultural integrity of the site so that it does not disintegrate in the sands of time. In the case of environmental pollution, it reduces the likelihood of introducing a new material rather than continuing to use the existing material. So, finding the best solution for the situation in order for the heritage building to survive in today's world without deterioration is an important factor to consider.

The reasons for preserving a project include the need to keep the object's significance from deteriorating, making changes or additions as needed, and assisting one in understanding the factor behind the construction style.



School of Architecture and Planning Lingaya's Vidyapeeth, Faridabad

➤ Objectives

- To familiarize the students with the status of conservation movement, various agencies involved in the field of conservation worldwide and their policies.
- Introduction to International framework of conservation, definitions and concepts.
- Analysis of various guidelines for the preservation, conservation and restoration of buildings.

The meeting concluded with approval of all the agenda points and vote of thanks to the chair.

Ar. Aditi Arora
HOD, SOAP
Lingaya's Vidyapeeth

Ar. Priyank Jain
External Expert
Assistant Professor IKGPTU Mohali-II

Prof. (Dr.) M.K Soni ,
Pro Chancellor
Lingaya's Vidyapeeth

Prof. (Dr.) D.P. Singh
Dean Academics
Lingaya's Vidyapeeth



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SCHOOL OF LAW

Preliminary:

02:00 p.m. in online mode via Google meet under the Chairmanship of Ms. Shilpa Sharma, Hod In charge, Assistant Professor, School of Law, Lingaya's Vidyapeeth, Nachauli, Faridabad. The list of the members of BOS is as under.

PANEL OF BOARD OF STUDIES

S.NO	NAME OF THE FACULTY	DESIGNATION
1.	Ms. Shilpa Sharma	Chairperson, Hod In charge, Assistant Professor, School of Law, Lingayas Vidyapeeth
2.	Mr. Mohit Sharma Advocate	Sr. Panel Counsel, Govt. Of India, Delhi High Court
3.	Dr. Santosh Choubey	External Expert – Associate Professor, School of law, GH Rasoni University, Amravati.
4.	Mr. Anand Prakash Pathak	Associate Dean, School of Humanities & Social Sciences, Associate Prof. & Head, Dept. of English
5.	Dr. Manzoor Khan	Assistant Professor, School of Law, Lingayas Vidyapeeth
6.	Dr. Naiyla Mobin Abassi	Assistant Professor, School of Law, Lingayas Vidyapeeth
7.	Ms. Mohini Taneja	Assistant Professor, School of Law, Lingayas Vidyapeeth
8.	Ms. Chanchal Vashishtha	Assistant Professor, School of Law, Lingayas Vidyapeeth
9.	Mr. Shivendra Kumar	Assistant Professor, School of Law, Lingayas Vidyapeeth
10.	Ms. Alisha	Assistant Professor, School of Law, Lingayas Vidyapeeth
11.	Mr. Deepak Sharma	Student, LLB 5th semester, School of Law, Lingayas Vidyapeeth
12.	Mr. Harsh Vikram trivedi	BBALLB 9th semester, School of Law, Lingayas Vidyapeeth
13.	Ms. Kunal Srivastava	Alumni, Lingaya's Vidyapeeth, School of Law, Lingayas Vidyapeeth

The Chairperson welcomed all the members and expressed special thanks to all the members of BOS for sparing time from their busy schedule to attend the meeting. The Chairperson of the Board of Studies highlighted and discussed whole agenda of the meeting in brief point by point. All the members of the Board participated and expressed their valuable views in implementation of the new topics relating to internships, writing & communication skills etc.

Minutes of the BOS Meeting:

Agenda of the Board of Studies Meeting

ITEM NO.1: Confirmation of the minutes of last BOS Meeting held on 20.07.2022 under the chairmanship of Prof. Dr. Hari Ram Anthala.

ITEM NO.2: To review action taken report on the various decisions held in 7th meeting of BOS of School of Law.

ITEM NO.3: Review of the syllabus and schemes of BBALLB 5 year program, BALLB 5 year and the LL.B 3 year program in accordance with Bar Council of India legal education regulations. The issues raised above were resolved.

ITEM NO.4: The practical subject of Trial Advocacy will move from the BBALLB third semester to the BBALLB fifth semester and under BALLB course it will move to, 5th semester i.e. BALLB313.

Agenda No. 4 was discussed and approved by the Board of Studies with one voice.

ITEM NO.5: The Specific Relief Act 1963 has been added in the syllabus of Trust, Equity & Fiduciary relationship.

As we have embraced the common law, industry expert Mr. Mohit Sharma Advocate said that it would be a good idea to include the Specific Relief Act under the heading of Equity, Trust, and Fiduciary Relationship.

Additionally, it was recommended that more internship programs be added to expose students to more practical knowledge.

ITEM NO.6: Writing & Communication skills has been added in all the semesters.

With regard to the objective of including writing and communication skills in every semester, this agenda was also thoroughly reviewed with the expert, Dr. Santosh Chobey. It was clarified that introducing this course as a non-credit subject is unquestionably necessary in order to prevent students from being overburdened as they already have enough classes to fulfil BCI Rules. Another topic that was well explored with the expert was the addition of a Cyber Law course to the existing course curricula.

Additionally, the reasoning behind splitting up the subject of Drafting Pleading and Conveyance into two parts, DPC Practical and DPC Theory, in two different semesters was covered in detail.

The head of the English department, Mr. Anand Pathak, further proposed that, in order to encourage students to take their studies seriously, writing and communication skills may be incorporated in audit courses or value-added courses rather than being treated as non-credit subjects. and other members also expressed their concrete suggestion for implementation of the above agenda. The agenda No. 6 was passed by the Board of Studies.

All the agendas from 1 to 6 were approved by the Board of Studies Meeting and same are enclosed in annexures.

The meeting ended with a vote of thanks to the chair.

Regards

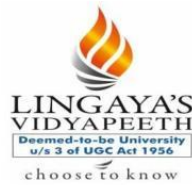
Ms. Shilpa Sharma

Assistant Professor

Hod In Charge

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School of Law



Lingaya's Vidyapeeth
(Deemed To Be University U/S 3 Of UGC Act, 1956)
School of Commerce and Management

Ref No: LV/BOS/SOCM/2023

Date: 3rd Jan, 2023

Board of Studies

SOCM

Time: 10:00 am-11:45 am

Venue: Google meet
<https://meet.google.com/vyz-qvrq-rck>

Minutes of meeting (Held on 3rd JANUARY, 2023)

The meeting of 23rd Board of Studies, for Department of Commerce and Management, was held on 03/01/2023 at 10:00 am in the online mode under the chairmanship of Dr. Samriti Mahajan, HOD, School of Commerce and Management, Lingaya's Vidyapeeth, Faridabad, Haryana. The meeting was attended by the following members.

S. No.	Name	Designation	Position	Signature
1.	Dr. Samriti Mahajan	HOD	Chairperson	
2.	Dr. Rajeev	Associate Professor	Member	
3.	Dr. Komal	Assistant Professor	Member	

4.	Dr. Priyanka Jarolia	Assistant Professor	Member	
5.	Ms. Prerna	Assistant Professor	Member	
6.	Ms. Priyanka Pandey	Assistant Professor	Member	
7.	Mr. Pawan	Assistant Professor	Member	
8.	Ms. Akshita Mehra	Research Assistant	Member	
9.	Ms. Shivangi	Research Assistant	Member	
10.	Ms. Sonali Chauhan	Research Scholar	Member	
11.	Ms. Akshita Jaiswal	Student	Member	
12.	Ms. Nayanmoni Gogoi	Student	Member	
13.	Ms. Aarti	Student	Member	
14.	Ms. Anjali Goyal	Student	Member	
15.	Mr. Rohit Mangal	Alumni	Member	
16.	Mr. Mohit	Alumni	Member	
17.	Dr. Bhagwan Jagwani	Academic Expert	External Member	
18.	Mr. Ashwini Tiwari	Industry Expert	External Member	

The following points were discussed and recommended:

Agenda Item No. 23.1: Opening remarks by the Chairperson, Board of Studies, School of Commerce & Management.

The Chairperson welcomed all the dignitaries Dr. Bhagwan Jagwani, Campus Director of Allenhouse Institute of Management, Kanpur, and Mr. Ashwini Tiwari, AGM Purchase, Juniper Green Energy Pvt. Ltd, Gurugram, Dean Academics, Faculties, Students, Alumni, Stakeholders and all participants. After a brief opening, the Chairperson of Board of Studies shared about the format of agenda and the following agenda items were considered by members of the Board of Studies.

Agenda Item No. 23.2: The committee confirmed the minutes of 22nd Board of Studies conducted on 21st July 2022. The Action Taken Report is as follows:

S.No.	Item/ Issues	Discussions	Compliance	Status
1	Outcome based Learning Pedagogy to be evolved for Management & Commerce students through Industrial Tie-up and through creation of SIIF- Student Industry Interface Forum.	Tie-up & SIIF Already in discussion mode with industry.	Dr. Pranav Kharbanda and Dr. Samriti Mahajan	In progress...
2	Benchmarking of proposed Curriculum and Syllabi as per the standards of New Economic Policy (NEP) 2021	As per instructions of Academics (Tier-I) & Industry Representatives- Syllabus is reframed to attain maximum practical output for students' practical learning. Mini projects have been added every semester in all courses in the syllabus according to the need base in the market.	Dr. Pranav Kharbanda and Dr. Samriti Mahajan	In progress...
3	Change of pattern of Internship Programme	Sufficient time to be provided along with tie-ups with industry for hands-on internship. Summer & Winter Internships to be added.	All concern	Done
4	Workshop on Research Methodologies tools Like SPSS, R , Advanced Excel, Anova, Multiple regression, Reliability analysis, factor analysis.	Proposal has been received from the experts	Dr. Samriti Mahajan	Done

5	Teaching Methodology	Advice was given by the experts regarding teaching pedagogy to be incorporated in the form of projects, case studies, quizzes, and field surveys.	All concern	Aligned
6	Specialization in UG & PG	A change in the specialization of all courses that could be incorporated are the subjects 'Taxation' and 'Financial Planning/Analysis' along with 15+ Inclusions of Subjects in UG & PG Subjects. The list is included in the updated schemes and syllabus of 2022 onwards.	All concerns	Done
8.	Introduction of 4 Pillars of modern management education systems – Teaching, Training, Research and Consultancy/Collaboration	An advice of Academia experts and industry experts were to ensure that teaching pedagogy must entertain faculties as industry experts as a resource person in academics and vice-versa where subject matter experts can be used in academics. Committee for each related pillar has been designed and circulated among departments.	Dr. Pranav Kharbanda and Dr. Samriti Mahajan	Done
9.	Assessment-based Educational Tour/Industrial Visits	A proper channelized, assessment-based tour with knowledge transfer is to be the goal for all industrial visits.	All concerns	Done
10	Introduction of Short-term Certification courses	A list of certifications must be displayed and authorized by Lingaya's Vidyapeeth to ensure quality with proper vendor ship All concerns agreement before sharing with students	All concerns	Done

11	Introduction & Integration of IPR in existing Curriculum as Committee and Non-Credit based but assessment based module	Experts must be called to have a proper agenda and planning needs to be done with training modules & course outline need to be made. Workshops and training for students and teachers need to be incorporated before starting this IPR Committee-comments Industry Experts	Dr. Pranav & Dr. Samriti	Done
12.	Introduction of optional yet non-credit-based foreign language	advice from industry to have such language and Internshala shall help us with such requirements to help students for IELTS, Tofel, and other Examinations.	All Concerns	In Progress...

Agenda Item No. 23.3: Proposal for introducing 4-year U.G. Program(s) as per New Education Policy, 2020

- i. **B.COM Hons. 4 years**
- ii. **BBA 4 years**

The changes to the programmes were in line with the National Education Policy, 2020. There is a need to market and brand the four-year programmes as distinctive and must be prominent in order to fill the seats. The health and well-being curriculum sessions must be incorporated in addition to the required sports curriculum and must include sports activities like basketball, football, racket ball, and palates, among others, where Study+ Health & Wellness coexist.

In BBA during the third semester, the Industry Professionals must teach Computer Application and Business (CAB), which can comprise, for instance, (10 lectures by Faculty and 25 lectures by Industry Experts) while the faculty is present and International Business Operations must be relevant to current geopolitical situations, and certifications must require learning a foreign language mandatory.

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 23.4: Proposal for introducing MBA Executive - 1 year programme

The dignitaries were given the proposal for the implementation of the MBA executive programme along with its scheme, and after sharp consideration, it was determined that the MBA executive programme should be kept in line with the new education policy.

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 23.5: Proposal for introducing add on more specializations in the MBA Dual Degree programme

- i. Entrepreneurship & Small Business Management**
- ii. Event & Media Management**
- iii. Management Information System**
- iv. Health Care Management**

Sole professionals should handle the MBA programme, while making it mandatory for students to engage in business programmes be it (start-ups or established businesses).

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 23.6: Recommendation on enhancing Learning Outcome-based Learning Pedagogy to be evolved for Management & Commerce students through Industrial Tie-up and through the creation of SIIF- Student Industry Interface Forum.

The Industry Experts must be invited to campus for a town hall-style event where students prepare their work and engage, the outcome of the industry tie-ups should be determined. Besides that to ensure that students are developing holistically in the sphere of industry, the industry mentor-mentee programme should exist for the entire term of the tie-up or course.

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 23.7: Proposal to consider all Certification course codes as Category CC from Code: 80-100

Subject codes for the certification courses were presented, considered, and approved for the session 2023-27.

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 23. 8: Confirmation on Some short term courses also introduced:

Students will gain a competitive advantage through short-term courses, which also support holistic personal growth. This will provide students the desire to continue learning at any time. It can aid students in developing expertise in a hostile market. Following are the short term courses:

- A. Certification Course in Design Thinking & Innovation**
- B. Certification Course in Digital Marketing Course**
- C. Certification Course in Business Analytics**
- D. Certification Course in NCFM for Financial Markets**
- E. Certification Course in NISM Mutual Fund/Stock Trading**
- F. Certification Course in NISM Stock Market Operation & Many More as per trending Market Scenarios**

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 28.9: Proposal to introduce short-term value-added courses for UG & PG students by Mahatma Education Society's, Pillai Institute of Management Studies and Research Building Financial Models through Excel.

Course Outline: Financial modeling is the process of creating the financial representation of a firm or an entity through spreadsheets. A spreadsheet consists of data on the company's expenses and earnings and gives exposure to the real-world financial situations of the firm. Financial modeling is one of the most desired skills in today's corporate world and has high demand in current scenarios where businesses depend on data science to make financial models and forecast future trends.

Course Pedagogy: Online/offline Sessions

Period of Course: 30 Hours

E-certificate will be awarded to the student on successfully attending the course and passing the online exam

It has been suggested that SOCM must integrate STC Blockchain, Crypto, AI, Bitcoin, and Machine Learning-related certificates or programmes for their student's overall growth so they can outperform the competitors in the modern world and the following defined ones are approved.

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 23.10: Proposal for extension of internship/job on the basis of NOC if the student gets placed from the same organization

The Experts have concluded that only students in their final semester may be granted a NOC; consequently, the students are required to maintain regular communication with the faculty members throughout their internship sessions and to prepare a report outlining the daily tasks they undertook during their internship.

The BOS has forwarded to the Academic Council for Approval.

Agenda Item No. 23.11: Any other issue with the permission of the Chair.

- Due to the need for industry professionals to participate in guest lectures and workshops, students are inspired to study actively, increasing their Placiability and easing their absorption into the company of their preference. The student's understanding of the management FAQs should be clear.
- PDP subject must be necessary, which suggests that it must be introductory, academic, rigorous, and revisional PDP's in the 1st, 2nd, 3rd, and 4th year respectively. PDP should be taught according to the ability of the students. PDP must incorporate entrepreneurship sessions because some students will be starting their own businesses.
- Telephonic Interview (Simulation Study) sessions without a grade are required to be taken during the final semester. The certification programme should involve an outside organization.
- The experts offered advice on how teaching pedagogy should be included in projects, case studies, quizzes, and field surveys to wrap up the programme.

The BOS has forwarded to the Academic Council for Approval.

And the meeting concluded with a vote of thanks by the chairperson to all the members.

Name and Signature of Department Head
Dr. Samriti Mahajan
Associate Professor, HOD
School of Commerce & Management
Lingaya's Vidyapeeth



Lingaya's Vidyapeeth
Department of Civil Engineering

Department of Civil Engineering
Board of Studies

Minutes of Meeting (held on 10th January 2023 at 3.30 PM)

Google meet link: <https://meet.google.com/zgz-mvze-gwu>

Agenda for Board of Studies, 10th January 2023 at 3.30 PM

ITEM No: 1 Proposal for introducing revised B.Tech (2023-2027) scheme as per the NEP 2020.

ITEM No: 2 Valuable suggestions, discussions and input in the scheme and syllabus of B.Tech IIIrd, IVth, Vth, VIth, VIIth, VIIIth sem (23-27 Batch) as per NEP 2020.

ITEM No: 3 Identification/suggestions of Program Elective Courses as per specialization.

ITEM No: 4 Any other point with the permission of the Chair

The Board of Studies meeting was held on 10th January 2023 at 3.30 pm online (Google meet link: <https://meet.google.com/zgz-mvze-gwu>) in the presence of an academic expert and industry expert.

The BOS meeting with the following members held on 10th January 2023 at 11 am are:

Internal Members:

1. Chairperson: Dr. Divyashree, Associate Professor and Head
2. Member: Dr. Deepa Srivastava, Associate Professor
3. Member: Dr. Parvesh Kumar, Assistant Professor
4. Member: Mr. M Bilal Khan, Assistant Professor
5. Internal Member (Outside Civil Engineering Department): Mr. Anand Prakash Pathak, Associate Professor & Head, Department of English.

External Members:

6. External Academic Expert: Dr. Naveen Kwatra, Professor, Department of Civil Engineering, Thapar Institute of Engineering & Technology, Patiala.
7. External Industry Expert: Mr. Mirza Aamir Baig, Principal Designer, Rigid Diaphragm Pvt. Limited.

The details of the discussion are given below:-

1. Existing Scheme & syllabus were first reviewed by the experts as per the Agenda. No change was suggested in existing scheme & was suggested to go ahead with the existing scheme (2021-2025) for 23-27 Batch as well.
2. Scheme & Syllabus offered for B.Tech CE (23-27 Batch) as per NEP 2020 was reviewed by the experts. Some changes were suggested as attached in Annexure-II. As suggested Inculcation of Building Information Modeling in B.Tech Civil Engineering Scheme was considered.



3. Program Electives Courses were also suggested to be changed as per current technologies and availability of expert faculty.
4. After detailed discussion, M.Tech in Civil Engineering is suggested to be offered with Major in specialization (Structural Engineering/Environment Engineering/ Geotechnical Engineering).
5. According to External experts, B.Tech scheme (2023-2027) as per NEP 2020 is not able to cover some of the major core courses of Civil Engineering. SO, it is suggested to continue 2023-27 session as per the existing scheme (2021-2025).

The meeting ended with the vote of thanks to the chair.

Lingaya's Vidyapeeth
(Approved by MHRD/AICTE/PCI/BCI/COA/NCTE, Govt.of India, u/s 3 of UGC Act 1956)
Nachauli, Jasana Road, Faridabad – 121002
www.lingayasuniversity.edu.in



Lingaya's Vidyapeeth

Deemed-to-be-University u/s 3 of UGC Act 1956, Government of India

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Nachauli, Jasana Road, Faridabad- 121002 | Ph: 0129-2598200-05

Website: www.lingayasvidyapeeth.edu.in

LV/BOS/HSS/PSY/2023

10 Jan. 2023

**Board of Studies Meeting
Department of Psychology
School of Humanities & Social Sciences**

The **3rd Board of Studies Meeting** of the department of Psychology, School of Humanities & Social Sciences was held on 10 Jan. 2023 from 3 P.M. to 3:30 P.M. in Room no.405, Central Block, Lingaya's Vidyapeeth, Faridabad. Video call link: <https://meet.google.com/dfs-jouq-mvy>

The following members were present:

1.	Mr. Anand Prakash Pathak	Associate Dean & Head, SoHSS	Chairperson
2.	Dr. Renuka Joshi	Professor, HOD- Department of Psychology, DAV PG College, Garhwal University	External Academic Expert
3.	Dr. Poonam Punia	Clinical Psychologist, W Prateeksha, Cloud Nine	External Industrial Expert
4.	Ms. Monica T Nakra	Assistant Professor, Psychology	Member
5.	Ms. Sarita	Assistant Professor, Psychology	Member
6.	Ms. Sneha Narayan	Teaching Assistant, Psychology	Member
6.	Dr. Priya Raghav	Associate Professor, English	Member
7.	Dr. Hanan Khalid Khan	Assistant Professor, English	Member
8.	Ms. Lavanya Paluri	Assistant Professor, English	Member
9.	Ms. AV Shreya	BA (H) Psychology-3 rd Year	Student representative
10.	Mr. Avinash Wesley	BA (H) Psychology-3 rd Year	Student representative



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Website: www.lingayasvidyapeeth.edu.in

LV/BOS/HSS/ENG/2022

10 Jan. 2023

Board of Studies Meeting
Department of English
School of Humanities & Social Sciences

The **23rd Board of Studies Meeting** of the department of English, School of Humanities & Social Sciences was held on 10 Jan. 2023 from 11 A.M. to 2 P.M. in Seminar Hall 407 (department of English), Central Block, Lingaya's Vidyapeeth, Faridabad.

The following members were present:

1.	Mr. Anand Prakash Pathak	Associate Dean & Head, SoHSS	Chairperson
2.	Dr. Divyajyoti Singh	Associate Professor, J.C. Bose University of Science & Technology	External Academic Expert
3.	Prof. (Dr.) D.P. Singh	Dean Academics	Special Invitee
4.	Dr. Priya Raghav	Associate Professor, English	Member
5.	Dr. Hanan Khalid Khan	Assistant Professor, English	Member
6.	Ms. Lavanya Paluri	Assistant Professor, English	Member
6.	Ms. Sarita	Assistant Professor, Psychology	Member
7.	Ms. Monica T Nakra	Assistant Professor, Psychology	Member
8.	Ms. Sneha Narayan	Teaching Assistant, Psychology	Member
9.	Ms. Akansha Khatri	Alumni	Member
10.	Ms. Himani Mendiratta	Student (B.A. English Hons.)	Student Representative

Item No. 24.15: To Report on Training & Placement of Students

DATE OF DRIVE	ORGANIZATION	CS E	ME	MCA	B.COM	BCA	B.Pharm	TOTAL OFFERS	PACKAGE /ANNU MIN LAKHS (RS.)
15.7.2022	Sterling Tools Ltd.		2					2	2.4
19.8.2022	Tata Consultancy Services	1						1	3.36
23.9.2022	Libsys Limited				1			1	3
27.9.2022	MSL P.Ltd.	5						5	3-3.5
24.9.2022	Tech Mahindra	1						1	3.25
2.12.2022	Microworld Infosol P.Ltd.					1		1	3
18.1.2023	Koyo Electronics P.Ltd.	2						2	3.5.
24.1.2023	Bird Automotive P.Ltd./Citroen E-next Mobility P.Ltd.	1						1	2.82
1.2.2023	Kimia Biosciences Limited						1	1	1.8
3.2.2023	Sterling Tools Limited		1					1	12 kpm
6.2.2023	Dreamer Infotech P.Ltd.			1				1	4.8
14.2.2023	KMG IT Services P.Ltd.	1						1	3.25
	TOTAL OFFERS	11	3	1	1	1	1	18	

S.N O	DATE OF DRIVE	COMPANIES NAME	BRANCH	YO P			Position/Profile name
1	26.3.2023	EXPLORE AND EVOLVE PVT LTD	(1) BE/ B.Tech/ ME/ M.Tech/ M.Sc/ MCA (2)Any Graduates, Post Graduates, BE, B.Tech, MBA, MCA, ME, M.Tech	2023	2022	2021	(1) Software Engineer Trainee (2) Trainee Engineer
2	19.3.2023	L&T CONSTRUCTION	B.TECH CE	2023			TRAINEE
3	3.3.2023	P. P.Rolling Mills Mfg.Co.P.Ltd.	B.Tech ME, AE	2023	2022		GET
4	1.3.2023	Sterling Gtake Emobility Limited	B.Tech ME, ECE	2023	2022		Trainee Engineer for B.Tech, Engineer for M.Tech
5	22.2.2023	Digital Marveled Private Limited	MBA, BBA	2023			Trainee/Intern
6	16.2.2023	Casita	MBA, BBA, B.Com	2023	2022		SALES

7	14.2.2023	KMG IT Services Private Limited	B. TECH/CSE or M. TECH/MCA	2023			Trainee Engineer.
8	10.2.2023	Tata Consultancy Services	BCA, B. Sc (Math, Statistics, Physics, Chemistry, Electronics, Biochemistry, Computer Science, IT), B. Voc in CS / IT	2023			TRAINEE
9	3.2.2023	Tata Consultancy Services	BCom, BA, BSc (Except IT & CS), BBA, BBM, BMS, BAF, BBI	2023			BPS (Business Process Service)
10	4.2.2023	Aditya Birla Capital	B.Com, BBA, MBA, B. Tech, BCA, MCA, BA, MA, B.Sc, <u>M.Sc</u>	2023			Front Level Sales (Trainee)
11	3.2.2023	Sterling Tools Limited	B.TECH-ME, AE	2023			Trainee/Intern
12	1.2.2023	Kimia biosciences ltd.	B. Phram	2023	2022		FRESHER
13	24.1.2023	Bird Automotive P.Ltd.	MBA, MCA, MA, B.Tech	2023	2022		Retail Sales Consultants for BMW, Marketing Manager BMW, Retail Sales Consultants for Citroen, Business Analyst
14	21.01.2023	NTT Data	<u>B.COM</u>	2023			General & Operational Accounting Associate
15	20.1.2023	Newgen Software Technologies Limited	(B.Tech all branches except CSE,IT) ME, AE, CE	2023			Application Engineer
16	18.01.2023	Koyo Electronics India Pvt. Ltd.	B.Tech, CSE,IT,ECE	2023			Associate Software Engineer
17	18.1.2023	IBM	B.E / BTech / MCA / M.E. / MTech / MSc,CS / IT / Robotics / ISE / EE / ECE / EIE / AEIE / EEE / ETE / Maths & Computing	2023			Associate System Engineer
18	10.1.2023	Planet Spark	MBA, BBA, B.Com, BA, MA, BA, B.Sc, BCA, B.Tech, MCA	2023	2022		Business Development Counsellor positions for Domestic processes

19	7.1.2023	LUMAX	B.Tech, M.Tech B.Sc, M.Sc, Ph.D			DESIGN & DEVELOPMENT (MECH), HARDWARE DESIGN (PCB), TOOL DESIGN & DEVELOPMENT (MECH), NPD QUALITY (ELECTRONICS), BUSINESS DEVELOPMENT (ELECTRONICS), PROGRAM MANAGEMENT (ELECTRONICS, MECHANICAL), VENDOR DEVELOPMENT (ELECTRONI CS), PROCESS ENGINEER (ELECTRONIC), DESIGN & DEVELOPMENT PCB DESIGN, NPD (MECHATRONICS)., MACHIN E MAINTENANCE (ELECTRICAL), PROGRAM MANAGEMENT (MECHATRONICS)., MATERIAL BUYER, SOFTWARE DEVELOPMENT (TELEMATICS), SOFTWARE TESTING (TELEMATICS) AND PPC ENGINEER.
20	7.12.2022	Magicpin	MBA, BBA, B.Com, BA, B.Sc		202 2	Tele Account Management and Upsell
21	2.12.2022	Microworld Infosol Private Limited	B.Tech-CSE, BCA, B.Sc-CS, BCA, MSC, MBA	202 3	202 2	Inside Sales Representative (ISR) & Business Development Executive (BDE)
22	18.11.2022	Allied Engineers	B.Sc-Maths, Physics	202 3	202 2	Data Analyst
23	14.11.2022	Ucertify Training & Learning Pvt. Ltd.	B.Tech, BCA, MCA, BBA, B.Com, MBA, BA, B.Sc			Subject Matter Expert and Technical Writer, Sales Associate, WEb Application Developer
24	11.11.2022	Thinknyx Technologies LLP	B.Tech CSE, MCA, BCA, BA, BBA, MBA, Com			Intern-Technology, Intern Recruitment
25	9.11.2022	Grapecity India	B.Tech CSE and MCA	202 3	202 2	DRE -Trainee, QA-Trainee
26	12.10.2022	Bosch Ltd.	B.Tech CSE, ME,AE	202 3		Gratuete Apprentice
27	7.10.2022	DeltaX	B.Tech CSE,ECE,MCA,M. Sc-CS	202 3		Associate Product Engineer
28	7.10.2022	Hevo Data	B.Tech/M.Tech (CS/IT/EEE), past experience in a customer facing role	202 3		Business Development Associate
29	27.9.2022	MSL Private Limited	B.Tech, MCA	202 3	202 2	RPA Developers (Software Trainee)

30	24.9.2022	Tech Mahindra	B.Tech CSE, ECE, MCA and M.Sc-CS	2023			Associate-Coder, Supercoder
31	23.9.2022	LIBSYS Ltd.	BBA, B.Com, BA		2022		Operations-Trainee
32	15.9.2022	Geetanjali Homestate Pvt. Ltd.	MBA, BBA, BCom, BA, B.Tech, BCA, MCA, B.Sc	2023	2022		Business Development Executive
33	3.8.2022	AKS Information Technology Services Pvt. Ltd	MBA	2023	2022		Sales and Marketing-Trainee
34	3.8.2022	Learning Routes P.Ltd	MBA, BBA, B.Tech	2023	2022		Sales Associate
35	23.8.2022	BSP Diagnostic System P.Ltd.	B.Tech, B.Sc and BCA		2022	2021	Sales Executive
36	19.8.2022-29.8.2022	Tata Consultancy Services	B.E / B.Tech / M.E / M.Tech / M.C.A / M.Sc. / M.S.	2023			GET
37	7.8.2022	Infosys Limited	B.TEch, M.Tech, MCA, <u>M.Sc</u>	2023			System Engineer
38	6.8.2022	Sterling Tools Limited	B.TEch ME, AE		2022	2021	GET
39	2.8.2022	Sterling Tools Limited	B.TEch ME, AE		2022	2021	GET
40	15.7.2022	Sterling Tools Limited	B.TEch ME, AE		2022	2021	Junior Executive
41	26.10.2021	Tata Consultancy Services	B.Tech, M.Tech, MCA, M.Sc, BCA, B.Sc, B.Voc				students to register
42	6.2.2023	Dreamer Infotech P.Ltd.	mca				

REPORT ON ACADEMIC ACHIEVEMENT

Department of Electronics & Communication Engineering

Workshop Details Attended by the faculty

Name of Teacher Who Attended	Title of the Program	Duration (from – to) (DD-MM-YYYY)
KAPIL KUMAR	Online Workshop on Device-to-Device Communication in 5G Network for IoT Application	March 5, 2022
KAPIL KUMAR	IP Awareness/Training program under National Intellectual Property Awareness Mission	May 13, 2022
KAPIL KUMAR	Future of Higher Education in the Digital First Economy	April 12, 2022
KAPIL KUMAR	“Next-Generation Nanoelectronics Devices Trends (NGND): Materials to Applications”	31 January, 2022 – 04 February, 2022
KAPIL KUMAR	International Workshop on Group IV Photonics	15th – 20th March 2022

Research Paper Publications

Title of Paper	Name of the Author	Name of Journal	Year of publication
PCA net based Biometric System with Fusion of Palmprint and Dorsal hand vein	Javalkar Dinesh Kumar, Surinder Kaur and Gopal	Journal of Intelligent & Fuzzy System	2022

Kapil Kumar



S.No.	Faculty Name`	Degree	University	Status
School of Education				
1	Melita Natal	Ph.D. Management	Amity University	Pursuing
2	Deepak Kumar	Ph.D. Education	Delhi University	Pursuing
3	Ms. Nirjumoni	Ph.D. Education	Delhi University	Pursuing
Department of Mechanical				
1	Mr. Rupak Kumar Dev	Ph.D.	Lingaya's Vidyapeeth	Pursuing
2	Mr. Gaurav Upadhya	Ph.D.	GLA University Mathura	Pursuing
School of Commerce & Management				
1	Prerna Setia	Ph.D.	IEC University	Pursuing
2	Pawan Kumar	Ph.D.	Lingaya's Vidyapeeth	Pursuing
3	Neha Guleria	Ph.D.	Lingaya's Vidyapeeth	Pursuing
4	Akshita	Ph.D.	Lingaya's Vidyapeeth	Pursuing
5	Shivangi	Ph.D.	Lingaya's Vidyapeeth	Pursuing
6	Sonali	Ph.D.	Lingaya's Vidyapeeth	Pursuing
School of Architecture & Planning				
1	Ar Kavita Nagpal	Ph.D.	Amity University	Pursuing
2	Ar Aditi Arora	Ph.D.		Pursuing
Department of Electronics & Communication Engineering				
1	Ms. Puja Bhattacharyya,	Ph.D.	Amity University	Pursuing
2	Kapil Kumar	Ph.D.	National Institute of Technology,	Pursuing
Department of Computer Science & Engineering				
1	Dr. Sharik Ahmad	Ph.D.	Jamia Milia Islamia	Pursuing
2	Priyanka Rawat	Ph.D.	Bennett Univeristy	Pursuing
3	Km. Anjli	Ph.D.	Bennett Univeristy	Pursuing
4	Komal Malsa	Ph.D.	Banasthli Vidyapeeth	Pursuing
5	Anjali Sharma	Ph.D.	Manav Rachna International Instiute of Research and Studies	Pursuing
School of Basic & Applied Sciences				
1	Ms. Monika Mishra	Ph.D. Physics		Pursuing
2	Ms. Priyavada	Ph.D. Mathematics		Pursuing
3	Ms. Konica Sharma	Ph.D. Physics		Pursuing
4	Mr. Pramod Kumar	Ph.D. Chemistry		Pursuing
5	Mr. NeerajRai	B. Com		Pursuing

School of Law				
1	ChanchalVashishth	Ph.D.	MVN University	Pursuing
2	Rahul	Ph.D.	AMU University	Pursuing

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering had a successful academic year during the 2022-23 odd semester, achieving several notable accomplishments in teaching, research, and community outreach.

The department offered a diverse range of courses covering various aspects of civil engineering, including Structural Engineering, Transportation Engineering, Geotechnical Engineering, Water Resources Engineering, and Environmental Engineering.

The faculty members continued to provide quality education by incorporating modern teaching methodologies, such as flipped classrooms, blended learning, and experiential learning, in their course delivery.

The department conducted regular seminars, workshops, and guest lectures to provide students with exposure to the latest trends and developments in the field.

The department published several research papers in reputed national and international journals, and faculty members presented their research findings in various conferences and seminars.

Dr. Divyashree, an associate professor, recently participated and presented a paper entitled "A review on plastic waste management using life cycle assessment approach" at the National Conference on Sustainable Waste Management Practices (SWMP 2023) held at SVNIT Surat. The conference aimed to bring together researchers, practitioners, and policymakers to discuss and promote sustainable wastemanagement practices.

The paper was well-received by the conference attendees and has been accepted for publication in a Springer journal. This is a significant achievement for Dr. Divyashree and highlights her expertise in the field of sustainable waste management. The publication of the paper will also contribute to the ongoing efforts to develop effective and sustainable solutions for managing plastic waste.

Dr. Deepa Srivastava, an associate professor, has published a patent for designing and developing neon materials for COVID-19. She has also attended a one-day workshop on "Latest Trends in Green Building" and a one-week online workshop on "Geospatial Analytics". Furthermore, she acted as a judge for environmental science models at the State Institute of Science Education, Uttar Pradesh-sponsored 50th Jawaharlal Nehru district level Science Exhibition.

Dr. Parvesh Kumar, an assistant professor, has published two research articles in Sustainable Energy Technologies and Assessments and the Journal of Environmental Protection and Ecology. He has also presented a conference paper at the International Geological Congress 2022 and had another paper accepted for the 4th International Conference on Trends and Recent Advances in Civil Engineering.

Mr Deepak Kaushik, an assistant professor, has attended a seminar on "Latest Trends in

Green Buildings" and a webinar on "Green Talk on Efficient Rain Water Harvesting Technologies".

Mr Mohd Bilal Khan, another assistant professor, has authored several research articles and presented papers at the International Conference on Emerging Developments in Engineering & Technology. He also delivered expert lectures on research paper writing at Jamia Millia Islamia and in the School of Education at Lingayas Vidyapeeth. In addition, he participated in various faculty development programs, webinars, and online training sessions related to disaster management, infrastructure health assessment, and entrepreneurship development.

Overall, the Department of Civil Engineering had an eventful academic year during the 2022-23 odd semester, and the faculty, staff, and students remain committed to advancing the field of civil engineering through their research, teaching, and community engagement efforts.

School of Computer Science & Information Technology

Publications:

Name of the author/s	Department	Name of journal	Year of publication
Hari Krishna K., Nagpal, Tapsi & Suresh Babu, Y	CS&IT	IJCSNS	2022
Hari Krishna K., Nagpal, Tapsi & Suresh Babu, Y	CS&IT	Grenze International Journal of Engineering and Technology	2022
Thakur Ritesh Bankat, SVAV Prasad, Mala Reddy & Tapsi Nagpal	CS&IT	International Journal of Innovative Technology and Exploring Engineering	2022
Agarwal, Kavita, and Tapsi Nagal	CS&IT	Industrial Engineering Journal	2022
Agarwal, Kavita, and Tapsi Nagal	CS&IT	Advanced Engineering Science	2022
Vimal Gupta, Komal Malsa, Shivani Pathak	CS&IT	Global Journal of Innovation and Emerging Technology (IET)[ISSN: 2583-4401], 1(2)	2022
Sandeep Kumar, Bindiya Ahuja	CS&IT	International Journal on Recent and Innovation	2022

		Trends in Computing and Communication	
Sandeep Kumar, Bindiya Ahuja	CS&IT	International Journal on Recent and Innovation Trends in Computing and Communication	2022

Conferences

Name of Author/s	Department	Name of Conference	Year
Chaturvedi,S., Nagpal, T	CS&IT	International Conference on Futuristic Technologies	2022
Chaturvedi,S., Nagpal, T	CS&IT	Global Conference for Advancement in Technology	2022
Chaturvedi,S., Nagpal, T	CS&IT	International Conference on Futuristic Technologies	2022
Chaturvedi,S., Nagpal, T	CS&IT	National Conference on Air, Water and Soil	2022
Chaturvedi,S., Nagpal, T., Tiwari, V.S	CS&IT	International Conference on Futuristic Technologies	2022
<u>B. C. Girish Kumar,</u> Mitul Garg, Jagdish Saini, Kapil Chauhan, Nitima Malsa & Komal Malsa	CS&IT	International Conference on Advanced Communication and Intelligent Syste	2022

Patent:

Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent	Link to the Documents Needed
Dr. Kumar Rana Arun, Dr. Tapsi Nagpal, Dr. Souvik Ganguli, Dr. Nirav Karelia, Mr. Raju Kumar Swami, Dr. Sunanda Sinha	ZA202205530B	A system for advanced access control and surveillance in a smart home and a method thereof	2022	https://patents.google.com/patent/ZA202205530B/en?assignee=Tapsi+Nagpal&oq=Tapsi+Nagpal#similarDocuments
Dr. Souvik, Ganguli, Dr. Karelia, Nirav, Dr. Tapsi Nagpal, Dr. Vipin Pal Chandra, Dr. Arun Kumar Rana, Dr. Raju Kumar Swami	DE202022104892U1	An IoT-based access control system for healthcare applications	2022	https://patents.google.com/patent/DE202022104892U1/en?assignee=Tapsi+Nagpal&oq=Tapsi+Nagpal
Dr. Ahmad Jamal, Dr. Sharik Ahmad, Dr. Faraz Ahmad	36528851001	Smart Biometric Payment Device	2023	

Industrial Visit:

Date of Industrial Visit	Name of the Industry	Number of Visiting Students	Faculty Coordinator
03.03.23	PUSA , ICAR, New Delhi	33	Dr. Tapsi Nagpal
03.03.23	VVDN, Manesar, Gurgaon	17	Ms. Komal Malsa

Guest Lecture:

Date of Guest Lecture	Name of Keynote Speaker	Address of Keynote Speaker	Topic	Number of Attendees	Faculty Coordinator
11.05.2022	Dr. Mansaf Alam	Jamia Milia Islamia University, New Delhi	BIG DATA, IOT and AI Application in Real Life	100	Dr. Faraz Ahmed
03.11.2022	Mr. Prabhanshu Pandey	Digital Transformation, KISTLER Group	Applications of IoT in Engineering Domain - A Future Projection	85	Dr. Bindiya Ahuja

School of Education**Report on the Academic Achievements during Academic Session 2022-23(Odd Semester)**
Head of Department and Faculties Contribution/Achievements:

Faculty	Events
Dr. Gurvinder Ahluwalia	<ul style="list-style-type: none"> • Editorial Board Member- International Journal of Psychological Science, under the esteemed Science Publishing Group of American Journals. (Oct 2022-Oct 2024). • Key Speaker on Webinar on “Understanding the Self” organized by the School of Liberal Arts & Shobhit University, Gangoh. • Chair the Sessions in the workshop on “Effective Teaching Pedagogy” held on 11th-13th January, 2023 at LLDIMS campus.
Ms. Melita Stephen Natal	<ul style="list-style-type: none"> • Participated in the Faculty Development Program on “Scaling up Professional Education through New Paradigm of Entrepreneurship Development” organized by Lingaya’s Vidyapeeth, Greater Faridabad. • Participated in the Seminar on “How to write Effective & Impactful Research Proposal” held at Lingaya’s Vidyapeeth, Faridabad on 14th May 2022, held at Lingaya’s Vidyapeeth, Greater Faridabad. • Participated in the Seminar on “Creativity and Innovation Inside the Box” held at Lingaya’s Vidyapeeth, Faridabad on 09th April 2022, held at Lingaya’s Vidyapeeth, Greater Faridabad. • Participated in “IP Awareness/Training program” under National Intellectual Property Awareness Mission by National IP Awareness Mission on 13th May 2022, held at Lingaya’s Vidyapeeth, Greater Faridabad. • Certificate of Merit- Placed among the Top 10 Percentile globally in the International Teachers' Olympiad held on 15th October 2022, Powered by Suraasa. • Certification in International Career Coach (Level-1) by Career Development Alliance (USA) and MINDLER.

Ph.D. Scholar	Event
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Name - Madhu Roll no. 19PHED02(W)	Topic Name- फरीदाबाद के निजी एवं सरकारी माध्यमिक विद्यालयों के प्रधानाचार्य/ प्रधानाचार्या की नेतृत्व शैली और शैक्षिक संस्थाओं के संगठनात्मक जलवायु का शिक्षकों की कार्य संतुष्टि पर प्रभाव का तुलनात्मक अध्ययन Research paper published Journal name :- Journal of emerging Technologies and Innovative Research (JETIR) ISSN: 2349-5162 Journal no 63975 Date:- 13/7/2022 Registration id :- 405806
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School of Humanities & Social Science

Sl. No.	FDP Details/Seminar/Conference Details	Organized By	Attended by	Date
1	One-Week FDP on "Contemporary Trends in English Language & Literature"	Guru Teg Bahadur Khalsa College	Dr. Priya Raghav	10 Jan. - 16 Jan. 2023
2	Presented a paper titled "Teacher Competencies to enhance Biodiversity: A Study" in One Day National Seminar on Forest Resources, Diversity, Utilization and Conservation	Gopal Rao Patil Government Degree College, Telangana State and sponsored by TSCHE	P. Lavanya	5 November, 2022
3	Presented a paper titled "Education for Novel India in the light of NEP-2020 in Day National Seminar on 75 years of Indian Economy	Satavahana University, Karimnagar, Telangana State and sponsored by ICSSR	P. Lavanya	9 - 10 November 2022
4	Presented a paper titled "Pedagogical Models of Teaching followed worldwide: A Review" at "IATE 55th Annual National Conference on National and Global Concerns in Teacher Education	Department of Education & Education Technology, University of Hyderabad & Indian association of Teacher Educators	P. Lavanya	30 - 31 December 2022

S l. N o.	Name of the teacher	Title of the book/chapters published	Title of the paper	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr Rashmi Maniar & Prof. Anand Prakash Pathak	Cultural Unification Through Literature & Language	Feminist Pedagogy & Feminist Linguistics	International	2022	978-93-91553-94-4	Lingayas Vidyapeeth	Cape Comorin Publisher, Kanyakumari, Tamilnadu
2	Ms Lavanya Paluri		Reviewed as member of Co-Editor of Editorial Board in International Book, "Education Psychology"	National	Mar-22	Editor Code: 18202155828 ISBN: 978-91-987662-8-8 ISBN 10: 91-987662-8-7 DOI: 10.25215/9198766287 DIP: 18.10.9198766287	Lingaya's Vidyapeeth	Red shine Publication, Lunawada, Gujarat
3	Mr. Wakil Kumar Yadav Ms. Lavanya Paluri Dr. Priya Raghav Dr. Pallavi Bhardwaj		Feminism in Indian English Writing	National	Apr-22	ISBN: 9798804037469	Lingaya's Vidyapeeth	amazon kdp

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN No.	Indexing	Link

Reconstructing Self Images In Gloria Naylor and Manju Kapur	Kiran Bala, Dr Priya Raghav	English	Kanpur Publishers	Jun-22	ISSN 2348-8301	Ugc care Listed	DOI:www.kanpurhistorians.org
HISTORY, MYTHOLOGY AND FOLKLORE : A STUDY OF SAANGS OF LAKHMI CHAND	Rajni Jaimini, Priya Raghav	English	Shodh Sarita, Volume 8, Issue 29,	January to March 2021	ISSN 2348-2397	Ugc care Listed	Print Journal
SUBMISSIVE AFFIRMATION TO LESBIANISM IN MANJU KAPUR'S NOVEL 'A MARRIED WOMAN'	Kiran Bala, Dr Priya Raghav	English	Sambodhi Vol-43 No.-04 (XXV)	October-December (2020)	ISSN: 2249-6661	UGC Care	Print Journal
Dearth of Human Values and Misrepresentation of Islam in the Tehmina Durrani's Novel : Blasphemy	Afzal Fatima, Priya Raghav	English	SHODH SANCHAR BULLETIN Vol. 9, Issue 36 Page Nos. 188-191	October - December 2019	ISSN - 2229-3620	UGC Care	https://www.academia.edu/64022434/Velu_Nachiyar_The_Veeramangai_who_petrified_the_British?email_work_card=interaction-paper
“Velu Nachiyar: The Veeramngai who petrified the British”	Dr Anchal Mishra, Muskan Mishra, Lavanya Paluri	English	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Jul-21	Volume 12, Issue 8, 3339-3343	Academia	

"A Study of Vocational Interest among High School Students in relation to their Intelligence"	P. Lavanya & Dr. A Raghu	English	International Journal of Multidisciplinary Educational Research (IJMER)	Sep-19	ISSN: 2277-7881;	UGC approved Journal	
An Eco-conscious Awakening – A Socio-Eco-critical Elucidation of Select Indian Poets	Dr Rashmi Maniar, Dr Priya Raghav	English	International Journal of English: Literature, Language & Skills, 9(2), 37. Volume 9 Issue 2, July 2020 „Ecocritical Focus Issue“	Jul-20	ISSN 2278-0742	UGC Care	https://www.ijells.com/wp-content/uploads/2020/08/July-2020-Corrected-.pdf
Computer Networks and Inventive Communication Technologies pp 115–122	Dr Rashmi Maniar	English	Design of Various SRAM Attainment for FINFET /	Oct. 2022	https://link.springer.com/chapter/10.1007/978-981-19-3035-5_9		

Department of Mechanical Engineering

1. Publications:

Dr. Ankur Gupta: Gupta, A., Prajapati S. K. and Mukherjee, S. (2023), “Position control using a physics-based model for biomimetic underwater propulsor actuated by IPMC”, In: Gupta, V.K., Amarnath, C., Tandon, P., Ansari, M.Z. (eds) Recent Advances in Machines and Mechanisms. Lecture Notes in Mechanical Engineering. Springer, Singapore.
https://doi.org/10.1007/978-981-19-3716-3_53

Mr. Gaurav Upadhyay: Upadhyay, G., Saxena, K.K., Sehgal, S., Mohammed, K.A., Prakash, C., Dixit, S. and Buddhi, D., 2022. Development of carbon nanotube (CNT)-reinforced Mg alloys: fabrication routes and mechanical properties. *Metals*, 12(8), p.1392. <https://doi.org/10.3390/met12081392>

Mr. Rupak Kr. Deb: Sanjay Sundriyal Rupak Deb, Green manufacturing: An insight-GIS science journal page no-47-56 (**Scopus indexed**)

Dr. Sanjay Sundriyal: Sanjay Sundriyal Rupak Deb, Green manufacturing: An insight-GIS science journal page no-47-56 (**Scopus indexed**)

2. Patents:

Dr Ankur Gupta: Gupta, A., (Published 25/11/2022), A Hydraulic Jack Apparatus With Safety Means (IP India Reference No 202211065184), The Office of the Controller General of Patents, Designs and Trade Marks.

3. Workshops/ FDPs

Mr.R.K.DEB : Attended Workshop on 3D Printing Technology organized by Eduxlabs in association with Mechanica IIT Madras from 23rd Dec 2022 to 25th Dec 2022.

Mr. Gaurav Upadhyay: Mr. Gaurav Upadhyay from Mechanical Engineering has attended the International Faculty Development Programme in collaboration with MDS Indocan organized by the School of Commerce & Management, Lingaya's Vidyapeeth, Faridabad, from 13th-19th February, 2023.

Mr. Gaurav Upadhyay: Attended IPR workshop at lingayas vidyapeeth on 8th october 2022.

Dr. Sanjay Sundriyal: Attended IPR workshop at lingayas vidyapeeth on 8th october 2022.

Mr. R.K.Deb: Attended IPR workshop at lingayas vidyapeeth on 8th october 2022.

Dr. Ankur Gupta: Attended IPR workshop at lingayas vidyapeeth on 8th october 2022.

Mr. Gaurav Singh: Mr. Gaurav from Mechanical Engineering has attended the International Faculty Development Programme in collaboration with MDS Indocan organized by the School of Commerce & Management, Lingaya's Vidyapeeth, Faridabad, from 13th-19th February, 2023.

Mr. Gaurav Singh & Dr. Ankur Gupta: Co-ordinator of Skill Development Program on Basic Workshop Practice from 16-01-23 to 18-01-23.

Mr R.K.Deb : Convener of Skill Development Program on Basic Workshop Practice from 16-01-23 to 18-01-23.

Dr Ankur Gupta: Attended One week Faculty Development Programme and Student - Expert Interaction Programme on "SCALING UP PROFESSIONAL EDUCATION THROUGH NEW PARADIGM OF ENTREPRENEURSHIP DEVELOPMENT" organized by School of Agriculture in collaboration with Research & Development, Lingaya's Vidyapeeth, Faridabad

Dr Ankur Gupta: Attended 3 days Workshop on Basics of Electric vehicles and its design process from 5th to 7th Oct 2022 organized by Eduxlabs in association with Mechanica IIT Madras.

4. Industrial Visit

Dr. Ankur Gupta: Industrial Visit at “EMDET Jamshedpur Pvt. Ltd. Faridabad, Haryana” for B.Tech Students of Mechanical Engineering on Oct. 31, 2022.

Dr. Ankur Gupta: Educational Visit at “National Institute of Solar Energy” Gurugram for B.Tech Students of Mechanical Engineering on 16th Nov 2022.

5. Seminar/Guest Lecture

Dr. Ankur Gupta: Guest Lecture on “Applications of IOT in Engineering Domain – A Future Projection” by Mr. Prabhanshu Pandey (Head of Business KISTLER Group) on Nov. 03, 2022.

SCHOOL OF DESIGN

S. No.	Faculty Name	Details	Date
1.	MS Garima Ahuja	Enrolled in Ph.D. with Lingayas Vidyapeeth in School of Education (Interdisciplinary)	August 2022
2.	Dr. Sarika Dixit	Attended A Five-Day Faculty Development Program' on "Apparel Design” organized by Amity School of Fashion Technology, Amity University Chhattisgarh	15th to 19th July 2022
3.	Dr. Sarika Dixit	Attended Faculty Development Program on "Innovation and Recent Advancement in Fashion and Textiles” organized by AICTE Training and Learning (ATAL) Academy at Vidya Institute of Fashion Technology	18th to 22th July 2022
4.	Mr. Deepayan Maitra	External Jury Expert at Amity School of Fine Arts, Noida for evaluating Redo-NTCC.	2 nd August 2022
5.	MS Garima Ahuja	External Jury Expert at Kasturba Institute of Technology, DSEU, Pitam Pura, New Delhi	6 th July 2022
6.	MS Garima Ahuja	Delivered workshop and guest lecture at Department of Fine Arts Kurukshetra University	9 th and 10 th February, 2023

School of Commerce and Management

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Redesigning experiential fashion to tech-powered refashion in un-normal times: A review of innovative SCM in the apparel industry,	Dr. Samriti Mahajan	School of Commerce and Management	Anvesak	Jun-22	0378-4568
Impact of augmented reality technology in creating sustainable education environment during Pandemic: in Delhi NCR,	Dr. Samriti Mahajan	School of Commerce and Management	UGC CARE GROUP 1	Jul-22	2347-7180
Tech-Life Balance is a new work-life balance of current digital society, Journal of the Asiatic Society of Mumbai,	Dr. Samriti Mahajan	School of Commerce and Management	UGC CARE Journal	Nov-22	-
Conflict Management: A literature Review and Study, International Journal of humanities, Law and social services,	Dr. Samriti Mahajan	School of Commerce and Management	UGC CARE Journal	Aug-22	-
Effect of Augmented Reality on online beauty accessory purchase during covid 19 Pandemic: A study on L'oreal Paris	Dr. Samriti Mahajan	School of Commerce and Management	UGC CARE Journal	Dec: 22	2278-6864
Makeup Genius, Education and Society,	Ms Prerna Setia	School of Commerce and Management	International journal of Reseach and analytical reviews	Dec. 2022	2348-1269
Purchase Behaviour and Consumption Pattern of Personal Care Products: A Systematic Literature Review	Dr. Richa Khugshal	School of Commerce and Management	Oeconomia Copernicana,	21-Aug-23	2083-1277
A Study on Purchase Behaviour of Working Women in Purchasing Personal Care Products at National Capital Region"	Dr. Richa Khugshal	School of Commerce and Management	The Journal of Oriental Research Madras,	Aug-21	0022-3301

Patents:

Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent
Dr. Samriti Mahajan	2022/11018196	Consumer attitude based behavioural intention in green food product	2022
Dr. Samriti Mahajan	2022/ 04837	A method for employees satisfaction that reduces turnover intention of employees and leadership that makes employee growth	2022
Dr. Samriti Mahajan	2022/05331	A system and a method for regulating advertising	2022
Dr. Samriti Mahajan	2022/05633	A Method for critical Incident Stress Management	2022
Dr. Samriti Mahajan	2022/11030529A	Green Strategies: Adoption, Innovation and Alliances	2022
Dr. Samriti Mahajan	2022/362646-001	GAIT Training exercise equipment	2022

DATE	Name of Conference	Institution Name	Name of the faculty	Topic of Presentation
8th October 2022	Global Conference on "Emerging Business Practices: Sustainability-the New Norm!"	PIMSR, Mumbai(MH)	Dr. Priyanka Jarolia	Sustainability of Digital Marketing- Emerging Business Practices
23-24th June 2022	International Conference on multidisciplinary approach to Innovation and Design of Thinking	IEC	Dr. Samriti	Chatbots.
19-20 Jan 2023	International conference on Global business strategies for sustainability	Amity University	Dr. Samriti	Dark data- A hidden blessing in disguise for organization

Date	Name of Faculty	Workshop National/International	Organisers	Topic of Presentation(if presented)	Participated
10th July, 2022	Dr. Samriti Mahajan	Workshop- Artificial Intelligence & Machine Learning (Ministry of MSME)			

Date	Organised by Faculty	Name and Designation of Guest	Topic of Guest Lecture	No. of Students attended	Objectives of Lecture
7th October 2022	Ms Prerna Setia	Ms Sugam, VP, barclays	corporate culture	110	to know about corporate culture
21st October 2022	Dr. Komal Jaiswal	Mr. Rahul Pudhir	He shared his valuable knowledge regarding startups,	88	start up platform for students
12/10/2022	Ms Prerna Setia	NSDL AND NSE, himani lath and Mr pawan	awareness prog. on capital market	106	Creating awreness about capital market & investment
03/11/2022	Ms Prerna Setia	Mr kapil Sharma Kush	Campue to corporate	112	motivation to students and how to enter coporate
1/12/2022	Dr. Komal Jaiswal	Arun nagar , CMA	awareness about CS	110	knowledge sharing on CS

Date	Name of Faculty	Topic of FDP
24th Sep, 2022	Dr. Samriti Mahajan	FDP - Qualitative Research Tools and Techniques with reference to APA
1st Dec, 2022 - 7th Dec, 2022	Dr. Samriti Mahajan	FDP- Scaling up professional education through new paradigm of entrepreneurshship development
11th Apr 2022 -18th Apr 2022	Dr. Samriti Mahajan	FDP-Case Teaching & Case Writing
1st Dec, 2022 - 7th Dec, 2022	Ms. Prerna Setia	FDP- Scaling up professional education through new paradigm of entrepreneurshship development
25 july- 29-july, 2022	Ms. Prerna Setia	FDP- structural equational modellingusing smart PLS software
24th Sep, 2022	Ms. Prerna Setia	FDP - Qualitative Research Tools and Techniques with reference to APA
1st Dec, 2022 - 7th Dec, 2022	Dr. Rajeev Gupta	FDP- Scaling up professional education through new paradigm of entrepreneurshship development
1st Dec, 2022 - 7th Dec, 2022	Ms. Akshita	FDP- Scaling up professional education through new paradigm of entrepreneurshship development
24th Sep, 2022	Ms. Akshita	FDP-Qualitative Research Tools and Techniques with reference to APA
1st Dec, 2022 - 7th Dec, 2022	Dr. Priyanka Jarolia	FDP- Scaling up professional education through new paradigm of entrepreneurshship development
26-30 December 2022	Dr. Priyanka Jarolia	Societal Applications of Machine Learning
1st Dec, 2022 - 7th Dec, 2022	Dr. Komal Jaiswal	FDP- Scaling up professional education through new paradigm of entrepreneurshship development

24th Sep, 2022	Dr. Komal Jaiswal	FDP - Qualitative Research Tools and Techniques with reference to APA
1st Dec, 2022 - 7th Dec, 2022	Mr. Pawan Kumar	FDP- Scaling up professional education through new paradigm of entrepreneurship development
15th Dec-21st Dec 2022	Ms.Shivangi Priya	IFDP- Improving the writing skills pf early career researchers
24th Sept 2022	Ms.Shivangi Priya	FDP-Qualitative Research Tools and Techniques with reference to APA
1st Dec, 2022 - 7th Dec, 2022	Ms.Shivangi Priya	FDP- Scaling up professional education through new paradigm of entrepreneurship development
26-30 December 2022	Ms.Shivangi Priya	FDP- Societal Applications of Machine Learning

Date	Name of Faculty	Topic
1st Dec, 2022 - 2nd Dec, 2022	Dr. Samriti Mahajan	Global Academic Summit on Strategic Intelligence and Leadership
18th -20th Oct, 2022	Dr. Samriti Mahajan	Microsoft Research Summit-2022
10th-12th Jan 2022 & 17th-22nd Jan 2022	Dr. Samriti Mahajan	International Level Entrepreneurship Summit AVLOKAN 2.0
1st Dec, 2022 - 2nd Dec, 2022	Ms. Prerna Setia	Global Academic Summit on Strategic Intelligence and Leadership

School of Architecture (SOA) at Lingaya's Vidyapeeth

Established in 2010, the School of Architecture (SOA) at Lingaya's Vidyapeeth is Faridabad's oldest institution dedicated to architectural education. Over the years, SOA has expanded its academic and extension programs, fostering a culture of research and innovation.

School of Architecture inspire to be a leading center of excellence in architectural and design education with respect to knowledge, innovation, human values, technology and research. A contemporary school bridging the past and future through interdisciplinary / industry driven research and consultancy and cultivating young minds towards imagination and creativity.

The school believes that **observation, perception and visualization**, are the tools to inspire, involve and transform the student in such a way that he achieves not only the theoretical but also the practical knowledge, where students are only taught through real life projects, no theory exams only jury based evaluation of projects preparing them for assured jobs and entrepreneurship.

Brief Report on the events/ seminar/competition/workshop/ special lecture organized with photographs:

S.No	Events/ Workshop/Guest Lecture	Topic	Date	Name of Expert
1.	Teacher's day celebration	Screening of educational film	07.09.2022	On the occasion of Shikshak Parv (Teacher's Day)

		“Flexible building, the future of Architecture”		
2.	Workshop	Workshop on Columns and Grids	30.09.2022	Mr. M. Bilal Khan
3.	Special Lecture	Understanding land's Geomorphological formations using contours in Architecture design.	30 th November 2022	Ar. Samta (M.Arch, B.Arch) Asst. Prof. SPA, Bhopal,MP)
4.	Workshop	Use of Bamboo for making Structures and & admission counseling session with the students of Dezanic Institute	7 th -8 th December 2022	Mr. Obedur Rahman Founder of Vicchar Bamboo India
5.	Special lecture	Water Governance of Delhi (On occasion of World Water Day)	31 st March 2023	Ms. Savitri Kumari
6.	Seminar	Innovative and energy efficient construction materials	1 st June 2023	Er. Vishal Bhatia (Engineer, KNAUF India Private Limited)

Screening of educational film “Flexible building, the future of Architecture”:

Future of Architecture presented in the form of documentary, which they saw through projector on large screen.

Objective of the event is to give knowledge to students about future scope and limitations of architecture taking flexible building example. Also to aware students about the innovations in construction industry and also about the new construction techniques.

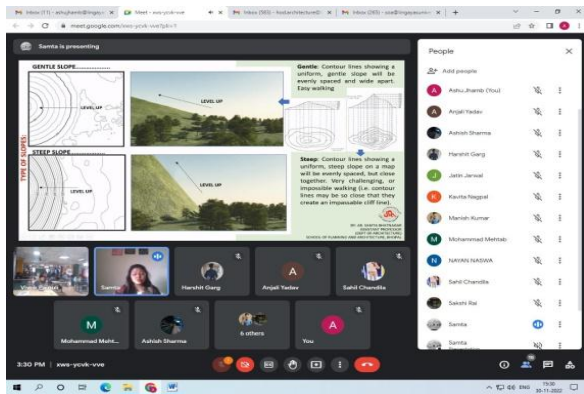


Workshop on Columns and Grids:

A one day workshop on Columns and Grids was organized by School of Architecture and Planning on 30.Sept.2022

Key speaker of this workshop was Mr. Bilal, he is a civil engineer by profession and he has wide knowledge of the structural part of building. The speaker has also executed many constructional projects residential as well as commercial.

In this workshop maximum students participated because the topic was very important for all students of architecture of all batches. The purpose of the workshop was to create awareness among students about the structural part of any built-up mass (building).

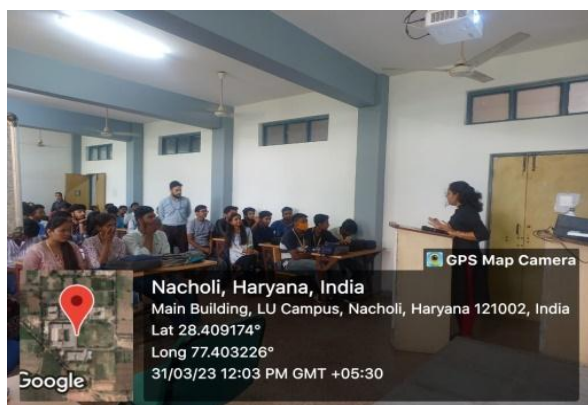


Workshop on Use of Bamboo for making Structures and & admission counseling session with the students of Dezanic Institute:

A lecture on topic “Workshop on Bamboo as a structural material” is organized by School of Architecture and Planning on 7 and 8.12.2022 in which Ar. Mohd. Obedur conducted a two days workshop on Bamboo. He explained and proved that bamboo also work as a structural material. Through his live projects he explained the detail part of bamboo joints and how they are fixed.



Special lecture Water Governance of Delhi (On occasion of World Water Day): A lecture on topic “Lecture on Water governance of Delhi” is organized by School of Architecture and Planning on 31.03.2023 in which Ar. Savitri, professionally an Archietct cum Planner also pursuing Ph.D from School of Planning and Architecture (SPA), New Delhi.



Seminar on Innovative and energy efficient construction materials: A seminar on topic “Innovative and energy efficient construction materials” is organized by School of Architecture and Planning on 01.06.2023 in which Er. Vishal Bhatia, professionally an engineer working in corporate industry, KNAUF India Private Limited.



Brief reports on Industrial visits with Photographs

S.No	Topic of Site Visit	Date	Held at
1	Visit to Dezainic Academy	15.09.2022	3rd Floor, Vishnu Palace, Near Ajrona Chowk, Faridabad, Haryana
2	Visit to 8 th Smart Cities India Expo	29.03.2023	Pragati Maidan, New Delhi
3	Visit to Vigyan Bhawan, New Delhi	25.04.2023	Maulana Azad Rd, Rajpath Area, Central Secretariat, New Delhi, Delhi 110011

Visit to Dezainic Academy, Faridabad:

An educational trip to Dezainic studio was organised by School of Architecture and Planning on 05.09.2023. The institute was situated in Ajrona Chowk, Faridabad, Haryana. It is a good institute in Faridabad which provide different Architectural and Interior designing software courses to students. The owner of institute Mr. Lokesh Bidhuri himself gave workshop to the students. He taught students about the various trending interior materials and also gave sample for experiencing the quality of the material.



Visit to 8th Smart Cities India Expo, Pragati Maidan, New Delhi:

An educational trip to Smart city India Expo, Pragati Maidan, New Delhi was organized by School of Architecture and Planning on 29.03.2023.

The Smart Cities India Expo drives India's infrastructure revolution and expo serves as an ideal opportunity for professionals, digital innovators, international businesses, telecom, and broadcasting players, as well as leaders from IT, internet, IoT, & Embedded Technology industries to showcase and promote innovations amongst a broader group and to meet and connect with prospective clients and technology leaders.



Visit to Vigyan Bhawan, New Delhi:

An educational trip to Visit to Vigyan Bhawan, New Delhi was organized by School of Architecture and Planning on 25.04.2023.

Vigyan Bhawan is a premier conference centre of the Government of India in New Delhi. Built in 1956, over the years it has been the venue of conferences of national and international stature, seminars and award ceremonies attended by distinguished world leaders and dignitaries.



Department of Computer Science & Engineering

1. Information about the department

The Department of Computer Science and Engineering (CSE) at Lingaya's Vidyapeeth, Faridabad, is a prominent academic division dedicated to providing high-quality education and fostering research in the field of computer science and engineering. Established to address the growing demand for skilled professionals in the rapidly evolving tech industry, this department plays a crucial role in shaping the future of its students and contributing to technological advancements.

Establishment and Objectives

The Department of CSE at Lingaya's Vidyapeeth was set up with the primary objective of equipping students with the necessary knowledge and skills to excel in the competitive world of information technology. As the digital revolution gained momentum, there was a pressing need to develop a curriculum that would prepare students to tackle real-world challenges in computing, software development, and data analysis. The department aims to:

- **Provide Comprehensive Education:** Offering undergraduate, postgraduate, and doctoral programs designed to cover the fundamental and advanced aspects of computer science and engineering.
- **Foster Research and Innovation:** Encouraging students and faculty to engage in cutting-edge research, contributing to advancements in areas such as artificial intelligence, machine learning, cybersecurity, and more.
- **Promote Industry Collaboration:** Establishing partnerships with leading tech companies to ensure that the curriculum remains relevant and students gain practical experience through internships and collaborative projects.
- **Develop Soft Skills:** Emphasizing the importance of communication, teamwork, and problem-solving skills to prepare well-rounded professionals.

Importance and Significance

The Department of CSE holds significant importance for several reasons:

- **Economic Growth:** By producing skilled graduates who can drive innovation and efficiency in various industries, the department contributes to the economic growth of the region and the country.
- **Technological Advancement:** Through its focus on research and development, the department plays a pivotal role in advancing technology, leading to new solutions and improvements in various fields.
- **Employment Opportunities:** The department's emphasis on practical skills and industry collaboration ensures that its graduates are highly employable, meeting the demand for tech professionals in the job market.

- **Academic Excellence:** With a team of experienced faculty members and state-of-the-art facilities, the department provides an environment conducive to academic excellence and personal growth.
- **Global Competitiveness:** By aligning its programs with global standards and trends in computer science and engineering, the department ensures that its graduates can compete on an international level.

Academic and Research Programs

The Department of CSE offers a range of academic programs, including:

- **Bachelor of Technology (B.Tech) in Computer Science and Engineering:** A comprehensive undergraduate program that covers essential topics such as programming, algorithms, data structures, computer networks, and software engineering in various specialization that are discussed below:
 - **B.Tech Specialization in Artificial Intelligence and Machine Learning (AIML):** The B.Tech specialization in Artificial Intelligence and Machine Learning (AIML) aims to equip students with advanced skills in developing intelligent systems that can learn and adapt from data. This program focuses on various aspects of machine learning, including supervised and unsupervised learning, deep learning, reinforcement learning, and neural networks. Students will delve into algorithm design, data preprocessing, model evaluation, and optimization techniques. The curriculum is designed to provide hands-on experience through projects and practical assignments, enabling students to build, train, and deploy machine learning models. Graduates of this specialization will be well-prepared to tackle complex problems across various industries such as finance, healthcare, robotics, and autonomous systems, driving innovation and efficiency through intelligent automation.
 - **B.Tech Specialization in Artificial Intelligence (AI):** The B.Tech specialization in Artificial Intelligence (AI) offers an in-depth exploration of the principles and techniques used to create intelligent systems capable of performing tasks that typically require human intelligence. This specialization covers a broad range of topics, including natural language processing, computer vision, robotics, and intelligent decision-making systems. Students will learn to design and implement AI algorithms, develop intelligent agents, and integrate AI technologies into various applications. The curriculum emphasizes both theoretical foundations and practical applications, providing students with the skills to develop AI solutions for real-world challenges. This program prepares graduates to become AI specialists who can contribute to advancements in technology and improve efficiency and effectiveness in sectors such as healthcare, manufacturing, transportation, and entertainment.

- **B.Tech Specialization in Data Science (DS):** The B.Tech specialization in Data Science (DS) is designed to provide students with a comprehensive understanding of data analysis, big data technologies, and statistical methods necessary to extract valuable insights from large and complex datasets. This program covers essential topics such as data mining, machine learning, data visualization, and big data processing frameworks. Students will gain hands-on experience with tools and technologies used in data science, including Python, R, SQL, Hadoop, and Spark. The curriculum focuses on building a strong foundation in mathematical and statistical principles while emphasizing the practical application of these skills in various domains. Graduates of this specialization will be equipped to become proficient data scientists who can analyze trends, uncover patterns, and drive data-driven decision-making in organizations, enhancing their operational efficiency and strategic planning.
- **Master of Technology (M.Tech) in Computer Science and Engineering:** An advanced program that delves deeper into specialized areas like artificial intelligence, big data analytics, and cybersecurity.

Pursuing a Master of Technology (M.Tech) in Computer Science and Engineering (CSE) offers a wide range of advantages for aspiring tech professionals. This advanced degree provides deep, specialized knowledge in areas such as algorithms, data structures, software development, cybersecurity, artificial intelligence, and machine learning. An M.Tech in CSE enhances problem-solving skills and technical expertise, enabling graduates to tackle complex and challenging projects in both academia and industry. The program often includes opportunities for research, allowing students to contribute to cutting-edge technological advancements and innovations. Additionally, it opens doors to higher-level positions, leadership roles, and increased earning potential, as employers value the advanced skills and knowledge that come with a master's degree. Graduates are also better prepared for doctoral studies if they wish to pursue a career in academia or advanced research. Furthermore, the M.Tech program often involves collaboration with industry partners, providing practical experience and networking opportunities that can lead to rewarding career prospects. Overall, an M.Tech in CSE equips graduates with the expertise and credentials needed to excel in the fast-paced, ever-evolving tech industry.

- **Doctor of Philosophy (Ph.D.) in Computer Science and Engineering:** A research-focused program that allows scholars to explore new frontiers in computer science and contribute original knowledge to the field.

Pursuing a Doctor of Philosophy (Ph.D.) in Computer Science and Engineering (CSE) holds profound importance and significance for both individuals and the broader technological landscape. This highest level of academic achievement signifies a deep commitment to advancing knowledge and innovation within the field. A Ph.D. in CSE allows individuals to conduct original research, contributing to the development of new theories, methodologies, and technologies that can drive progress in areas such as artificial intelligence, cybersecurity, data science, and software engineering. This degree cultivates advanced problem-solving skills, critical thinking, and the ability to undertake complex projects independently. For the academic community, Ph.D. holders often become educators, mentoring the next generation of computer scientists and engineers, thereby shaping the future of the discipline. In industry, they are highly valued for their expertise and ability to lead cutting-edge projects, driving innovation and maintaining a competitive edge. Moreover, a Ph.D. provides opportunities for interdisciplinary collaboration, addressing global challenges through technological solutions. Thus, a Ph.D. in CSE is crucial for personal career advancement, the development of groundbreaking technologies, and the overall progress of the tech industry.

Facilities and Resources

The department is equipped with modern laboratories, computing facilities, and software tools that support both teaching and research activities. These resources provide students with hands-on experience and the opportunity to work on real-world projects.

The Department of Computer Science and Engineering at Lingaya's Vidyapeeth, Faridabad, stands as a beacon of excellence in education and research. By preparing students to become leaders in the tech industry, fostering innovation, and contributing to societal progress through technological advancements, the department underscores its importance and significance in today's digital age.

2. Departmental Facilities:

- The Department of Computer Science and Engineering at Lingaya's Vidyapeeth boasts state-of-the-art facilities housed within the dedicated computing block. This modern infrastructure includes 13 well-equipped laboratories featuring over 300 high-performance computer systems. Each lab is designed to provide a conducive environment for both learning and research, with all computers connected to reliable power backup systems to ensure uninterrupted work. High-speed internet access is available throughout the computing block, facilitating seamless online research, collaboration, and access to digital resources. The computer systems are outfitted with the latest software and development tools, covering a broad spectrum of applications from basic programming to advanced simulations and data analysis. These facilities support a wide range of activities, including coursework, hands-on

projects, and innovative research, ensuring that students and faculty have the resources they need to excel in their academic and professional endeavors.

- The Department of Computer Science and Engineering at Lingaya's Vidyapeeth is further enhanced by the recently opened **Centre of Excellence**, a cutting-edge facility equipped with Apple systems. This center is designed to provide students and faculty with access to the latest technology and tools, fostering innovation and advanced learning. The Centre of Excellence includes a specialized robotics section, where students can engage in hands-on projects and research in robotics and automation, developing skills that are highly sought after in the industry. Additionally, the center features a modern studio for podcast services, allowing students to create professional-quality podcasts and engage in multimedia content creation. These new facilities complement the existing 13 laboratories and over 300 computer systems, all supported by robust power backup, high-speed internet, and the latest software. Together, these resources provide a comprehensive and dynamic learning environment that prepares students for the forefront of technological advancements.
- In addition to its state-of-the-art laboratories and the newly established Centre of Excellence, the Department of Computer Science and Engineering at Lingaya's Vidyapeeth is proud to offer **smart classrooms**. These modern, technology-enhanced learning spaces are designed to create an interactive and engaging educational experience. Equipped with advanced audiovisual systems, interactive whiteboards, and high-speed internet connectivity, the smart classrooms facilitate dynamic teaching methods and seamless integration of multimedia content into lectures. Professors can utilize digital tools to present complex concepts more effectively, while students benefit from an immersive learning environment that encourages participation and collaboration. The smart classrooms also support virtual learning and remote collaboration, making it easier to connect with industry experts and academic peers worldwide. This integration of technology in the classroom ensures that students are well-versed in the latest digital tools and methodologies, preparing them for successful careers in the ever-evolving field of computer science and engineering.

3. Internship Program Overview

The Department of Computer Science and Engineering at Lingaya's Vidyapeeth places a strong emphasis on practical learning and real-world experience, embodied in its robust internship program. Designed to bridge the gap between academic knowledge and industry requirements, the program provides students with invaluable opportunities to apply theoretical concepts in professional settings. Internships are integrated into the curriculum, ensuring that students gain hands-on experience and develop essential skills that enhance their employability. The program is

structured to allow students to work on live projects, understand industry workflows, and build a professional network, all of which are crucial for their career development.

- **Partner Companies and Opportunities:** Lingaya's Vidyapeeth has established partnerships with leading IT companies to provide high-quality internship opportunities. Some of the prominent companies where students have interned include Infosys, TCS (Tata Consultancy Services), Wipro, HCL Technologies, and Tech Mahindra. These collaborations enable students to work in diverse areas such as software development, data analytics, cybersecurity, and artificial intelligence. By interning at these esteemed organizations, students gain exposure to cutting-edge technologies and industry best practices, preparing them for successful careers in the tech sector.
- **Benefits and Outcomes:** The internship program offers numerous benefits to students. It enhances their technical skills and provides practical experience that is often pivotal when seeking full-time employment. Students also develop soft skills such as communication, teamwork, and problem-solving, which are highly valued by employers. Furthermore, internships often lead to pre-placement offers, with many students securing job offers from the companies where they interned. This early exposure to the professional world gives Lingaya's Vidyapeeth students a competitive edge in the job market.
- **Support and Guidance:** To ensure the success of the internship program, the department provides extensive support and guidance. Faculty advisors help students identify suitable internship opportunities and prepare them for the application process, including resume writing and interview preparation. Regular feedback and mentoring sessions are conducted to monitor progress and address any challenges that students may face during their internships. This comprehensive support system ensures that students make the most of their internship experiences, gaining the confidence and skills needed to excel in their future careers.

In conclusion, the internship program at Lingaya's Vidyapeeth's Department of Computer Science and Engineering is a vital component of the educational experience, offering students practical exposure, industry insights, and enhanced career prospects through partnerships with leading IT companies.

4. Placement Program Overview

The Department of Computer Science and Engineering at Lingaya's Vidyapeeth is committed to ensuring the successful transition of its students from academia to industry through its comprehensive placement program. With a focus on grooming students for rewarding careers in the tech sector, the department offers a structured placement process that equips students with the

skills, knowledge, and confidence needed to secure coveted job opportunities. The program encompasses various activities, including training sessions, mock interviews, resume workshops, and industry interactions, all aimed at enhancing students' employability and preparing them for the competitive job market.

- **Partner Companies and Opportunities:** Lingaya's Vidyapeeth has established strong ties with leading IT companies, providing students with access to a diverse range of placement opportunities. **Some of the prestigious companies that actively recruit from the department include Infosys, TCS (Tata Consultancy Services), Wipro, HCL Technologies, Tech Mahindra, Cognizant, Capgemini, Accenture, IBM, Deloitte, Microsoft, Google, Amazon, Cisco, Oracle, VMware, Adobe, Intel, SAP, and Nvidia.** These industry partnerships ensure that students have ample opportunities to explore different career paths and secure placements in renowned organizations across various domains of computer science and engineering.
- **Training and Preparation:** The placement program at Lingaya's Vidyapeeth is complemented by comprehensive training and preparation initiatives aimed at enhancing students' technical skills, soft skills, and overall employability. **The department conducts regular workshops, seminars, and skill development programs** covering topics such as coding, communication skills, aptitude, logical reasoning, and interview techniques. Additionally, mock placement drives and practice sessions are organized to simulate real-world interview scenarios, helping students gain confidence and refine their interview skills. The faculty and placement cell provide personalized guidance and mentorship to students throughout the placement process, ensuring that they are well-prepared to showcase their abilities to potential employers.
- **Placement Success and Alumni Achievements:** The placement program at Lingaya's Vidyapeeth has consistently yielded excellent results, with a high percentage of students securing placements in reputed companies each year. The department takes pride in its alumni network, with graduates holding prominent positions in top organizations worldwide. Alumni interactions, guest lectures, and networking events are organized to facilitate knowledge sharing and mentorship opportunities, enabling current students to benefit from the experiences and insights of successful alumni.

The placement program at Lingaya's Vidyapeeth's Department of Computer Science and Engineering plays a pivotal role in shaping the career trajectories of its students, providing them with access to a wide array of placement opportunities in leading IT companies. Through rigorous training, personalized support, and industry collaborations, the department ensures that students

are well-equipped to excel in their professional endeavors and contribute meaningfully to the ever-evolving field of computer science and engineering.

5. Highlights about faculty strength

S.No	Name	Designation	Qualification	Area of Interest
1	Dr. Manoj Gupta	HOD CSE	Ph.D(CSE), M.Tech(CSE), B.Tech(CSE)	Digital Image Processing, Object Detection
2	Dr.Prof.Nand Kumar	Professor	Ph.D(CSE), M.Tech(CSE), B.Tech(CSE)	Artificial Intelligence, Machine Learning, Data Science
3	Dr.Ritu Sharma	Assistant Professor	Ph.D(CSE), M.Tech(CSE), B.Tech(CSE)	Image Processing, Machine Learning
4	Ms.Tasleem Nizam	Assistant Professor	Pursuing Ph.d, M.Tech(IT), B.Tech(CSE)	Artificial Intelligence, Image Processing, Neural Network
5	Dr.Sharik Ahmad	Assistant Professor	Ph.D(CSE), M.Tech(CSE), B.Tech(CSE)	Image Processing, Network Security Management, Cryptography & Data Compression, Cloud Computing
6	Ms.Anjali Yadav	Assistant Professor	M.Tech(CSE), B.Tech(CSE)	Artificial Intelligence, Machine Learning, Data Science
7	Ms.Komal Malsa	Assistant Professor	M.Tech(CSE), B.Tech(CSE)	Biometrics, Internet of Things(IoT), Image Processing
8	Ms.Ishita Bajaj	Assistant Professor	M.Tech(CSE), B.Tech(CSE)	Programming languages, Network Security
9	Mr.Vishal Prasad	Assistant Professor	M.Tech(CSE), B.Tech(CSE)	Artificial intelligence, Data Analysis and Visualization,Machine Learning
10	Dr.Faraz Ahmad,	Assistant Professor	Ph.D(CSE), M.Tech(CSE), B.Tech(CSE)	Network Security Management, Cloud Computing
11	Ms.Kirti Sharma	Assistant Professor	M.Tech(CSE), B.Tech(CSE)	Network Security Management,

				Cryptography, Cloud Computing
12	Ms.Priyanka Rawat	Assistant Professor	M.Tech(CSE), B.Tech(CSE)	Data Analysis and Visualization, Machine Learning
13	Ms. Anjali Sharma	Assistant Professor	M.Tech(CSE), B.Tech(CSE)	Internet of Things(IoT), Image Processing

6. Unique teaching methodology followed by CSE department:

The Department of Computer Science and Engineering at Lingaya's Vidyapeeth has implemented a unique teaching-learning pedagogy designed to foster innovation, critical thinking, and hands-on experience. This approach integrates traditional classroom instruction with advanced technological tools and practical applications. Emphasizing active learning, the pedagogy includes interactive smart classrooms, where multimedia presentations and real-time simulations enhance understanding. The curriculum is enriched with industry-oriented courses and project-based learning, allowing students to apply theoretical knowledge to real-world scenarios. Additionally, the department leverages the Centre of Excellence, equipped with Apple systems, a robotics section, and a podcast studio, to provide students with cutting-edge resources for research and experimentation. Regular workshops, hackathons, and collaborative projects with leading IT companies further bridge the gap between academia and industry. This holistic approach ensures that students not only acquire technical proficiency but also develop essential soft skills, preparing them to excel in the dynamic field of computer science and engineering.

7. Industrial Visits:

- On August 26, 2022, the students of the Computer Science and Engineering (CSE) department embarked on an educational and enlightening industrial visit to Greentech Solutions in Gurgaon. The visit was designed to bridge the gap between academic knowledge and real-world application, offering students an invaluable glimpse into the professional environment of a leading technology solutions provider. Greentech Solutions, known for its innovative approach to sustainable technology and cutting-edge software development, provided the students with a comprehensive overview of their operations. The visit included a detailed presentation on the company's ongoing projects, showcasing their commitment to eco-friendly technology solutions and software advancements that contribute to sustainable development. Students were particularly impressed by the company's use of artificial intelligence and machine learning in developing smart solutions for various industries, including renewable energy and waste management. The interactive session allowed students to engage directly with industry experts, asking questions about the practical challenges and intricacies of implementing advanced technologies in real-world scenarios. This hands-on experience was further enriched by a tour of the company's state-of-the-art facilities, where students observed the practical applications of the theoretical concepts they had studied. Overall, the visit to

Greentech Solutions was a transformative experience that not only broadened the students' understanding of the industry but also inspired many to pursue careers in sustainable technology and innovation.

- On March 3rd, 2023, a group of faculty members and students had the opportunity to visit VVDN Technologies in Manesar, Gurugram. VVDN Technologies is renowned for its work in various cutting-edge fields, including IoT, 5G, Cloud & Apps, Networking, and WiFi. During the visit, participants had the chance to explore the manufacturing and assembly processes of the electronic components produced by VVDN. They observed the production of key products such as the 360° Camera and PCBs. This firsthand experience provided valuable insights into the company's advanced technological capabilities and manufacturing excellence. The visit was both informative and enriching, offering a deep understanding of VVDN's operations and innovations. The tour was expertly guided by Mr. Ankur Singhal, whose insights and explanations greatly enhanced the learning experience for all attendees.



- On September 15, 2023, the students of the CSE department had another opportunity to delve into the professional world with an industrial visit to Rapsel Technologies in Okhla. Rapsel Technologies, a prominent player in the tech industry, is renowned for its expertise in software development, IT consulting, and digital transformation services. The visit aimed to expose students to the dynamic and fast-paced nature of the technology sector, highlighting the latest trends and advancements in software engineering and IT infrastructure. Upon arrival, the students were welcomed by the company's HR and technical team, who provided an overview of Rapsel Technologies' mission, vision, and core values. The highlight of the visit was a series of technical demonstrations showcasing the company's innovative solutions in cloud computing, cybersecurity, and artificial intelligence. These demonstrations illustrated how Rapsel Technologies leverages cutting-edge technologies to solve complex business problems.

and enhance operational efficiency for their clients. Students were particularly fascinated by a live demonstration of the company's proprietary software platforms and tools, which are designed to optimize business processes and improve decision-making. The interactive Q&A session that followed allowed students to inquire about various aspects of the company's projects, including the software development lifecycle, project management strategies, and the integration of emerging technologies. Additionally, students had the chance to tour the company's development labs and see firsthand the collaborative and innovative work environment that fosters creativity and technical excellence. The visit to Rapsel Technologies not only expanded the students' knowledge and understanding of the tech industry but also provided valuable insights into the practical applications of their academic studies, motivating them to strive for excellence in their future careers.

8. List of Publications:

S.No	Name	No. of Publications (2022-23)
1	Dr. Tapsi Nagpal	9 Patents and 5 Research Papers
2	Ms. Komal Malsa	2 Research Papers

9. List of MoUs:

- **Eduskills:**

The MOU between our institution and Eduskills marks a significant step towards enhancing the quality of education and skill development among our students. Eduskills, a renowned organization dedicated to bridging the gap between academia and industry, offers a plethora of programs and resources designed to equip students with the necessary skills to thrive in today's competitive job market. Through this partnership, our students will have access to specialized training modules, workshops, and certification programs that focus on in-demand skills such as digital literacy, soft skills, and technical proficiency. Additionally, Eduskills will provide valuable support in curriculum development, ensuring that our educational offerings are aligned with current industry standards and future job market trends. This collaboration aims to empower students with the knowledge and skills required to excel in their chosen careers, fostering a culture of continuous learning and professional growth.

10. Workshop's Organized by the Dept. of CSE:

- **Workshop on Robotics - November 12, 2022:**

On the crisp autumn day of November 12, 2022, our institution played host to an exhilarating Workshop on Robotics, igniting the flames of innovation and technological exploration among students and enthusiasts alike. The workshop, meticulously curated by experts in the field, aimed to unravel the mysteries of robotics while fostering a hands-on learning environment conducive to creativity and discovery.

From the moment attendees stepped foot into the workshop venue, the air buzzed with anticipation and excitement. Rows of eager participants eagerly awaited the commencement of the event, their eyes gleaming with curiosity and enthusiasm. The stage was set for a day filled with immersive experiences, insightful discussions, and groundbreaking revelations in the realm of robotics.

The workshop kicked off with a captivating keynote address delivered by a distinguished expert in robotics, setting the tone for the day ahead. With a blend of captivating anecdotes, real-world examples, and visionary insights, the keynote speaker painted a vivid picture of the transformative potential of robotics in shaping the future of humanity. Attendees were spellbound by the speaker's passion and expertise, gaining valuable insights into the vast landscape of robotics and its myriad applications across industries.

As the morning progressed, participants delved into a series of interactive sessions and hands-on activities designed to deepen their understanding of robotics principles and technologies. Guided by seasoned instructors, attendees embarked on a journey of exploration, unraveling the intricacies of robot design, programming, and control systems. From building rudimentary prototypes to programming autonomous functionalities, participants were empowered to unleash their creativity and problem-solving skills, with each challenge serving as a stepping stone towards mastery.

One of the highlights of the workshop was the live demonstrations showcasing state-of-the-art robotic systems in action. Attendees marveled at the agility and precision of humanoid robots, the ingenuity of robotic arms, and the versatility of unmanned aerial vehicles. These awe-inspiring displays not only showcased the cutting-edge capabilities of robotics technology but also inspired participants to push the boundaries of innovation in their own projects and endeavors.

Throughout the day, the workshop served as a melting pot of ideas and perspectives, fostering interdisciplinary collaboration and knowledge exchange among participants from diverse backgrounds. Whether they were seasoned robotics enthusiasts or newcomers to the field, attendees found common ground in their shared passion for exploring the frontiers of technology and innovation.

As the sun began to set on the horizon, signaling the end of a day filled with discovery and enlightenment, participants departed with a newfound sense of inspiration and purpose. Armed with fresh insights, practical skills, and a network of like-minded peers, they were ready to embark on their own journeys in the world of robotics, equipped to tackle challenges and seize opportunities with confidence and determination. The Workshop on Robotics had not only provided a platform for learning and growth but had also sparked a ripple effect of innovation that would continue to reverberate far into the future.

- **Workshop on Cybersecurity - January 20, 2023:**

In an age defined by interconnectedness and digital innovation, the importance of cybersecurity has never been more paramount. On January 20, 2023, our institution hosted a groundbreaking Workshop on Cybersecurity, bringing together industry experts, academics, and students to explore the evolving landscape of cyber threats and defenses.

From the moment participants entered the workshop venue, they were immersed in an atmosphere charged with anticipation and intrigue. The air was thick with the promise of knowledge and discovery, as attendees eagerly awaited the opportunity to delve into the intricacies of cybersecurity and its implications for society.

The workshop commenced with an insightful keynote address delivered by a leading authority in the field of cybersecurity. Drawing upon years of experience and expertise, the keynote speaker shed light on the latest trends and developments in the world of cyber threats, highlighting the critical importance of proactive defense strategies in safeguarding sensitive information and digital assets. Attendees hung on to every word, captivated by the speaker's deep understanding of the subject matter and the urgency of the challenges at hand.

As the day progressed, participants were treated to a diverse array of presentations, panel discussions, and hands-on workshops exploring various facets of cybersecurity. Topics ranged from encryption and data privacy to threat intelligence and incident response, providing attendees with a comprehensive overview of the tools and techniques employed by cybersecurity professionals to thwart malicious actors and protect organizational assets.

One of the highlights of the workshop was the live demonstrations showcasing real-world cyber attacks and defense mechanisms in action. Attendees watched in awe as expert practitioners demonstrated the art of ethical hacking, uncovering vulnerabilities in network infrastructure and web applications before deploying countermeasures to mitigate potential risks. These eye-opening

demonstrations not only underscored the importance of proactive cybersecurity measures but also provided participants with practical insights into the mindset and tactics of cyber adversaries.

Throughout the day, the workshop served as a catalyst for collaboration and knowledge sharing, fostering interdisciplinary dialogue among participants from diverse backgrounds. Whether they were seasoned cybersecurity professionals or novices seeking to enhance their digital literacy, attendees found common ground in their shared commitment to protecting the integrity and confidentiality of digital information.

As the workshop drew to a close, participants departed with a renewed sense of purpose and empowerment. Armed with fresh insights, practical skills, and a network of like-minded peers, they were better equipped to navigate the complex and ever-changing landscape of cybersecurity, poised to defend against emerging threats and secure a safer digital future for all. The Workshop on Cybersecurity had not only provided a platform for education and awareness but had also galvanized a community of cyber defenders united in their mission to safeguard the integrity of cyberspace.

Industrial Visits:

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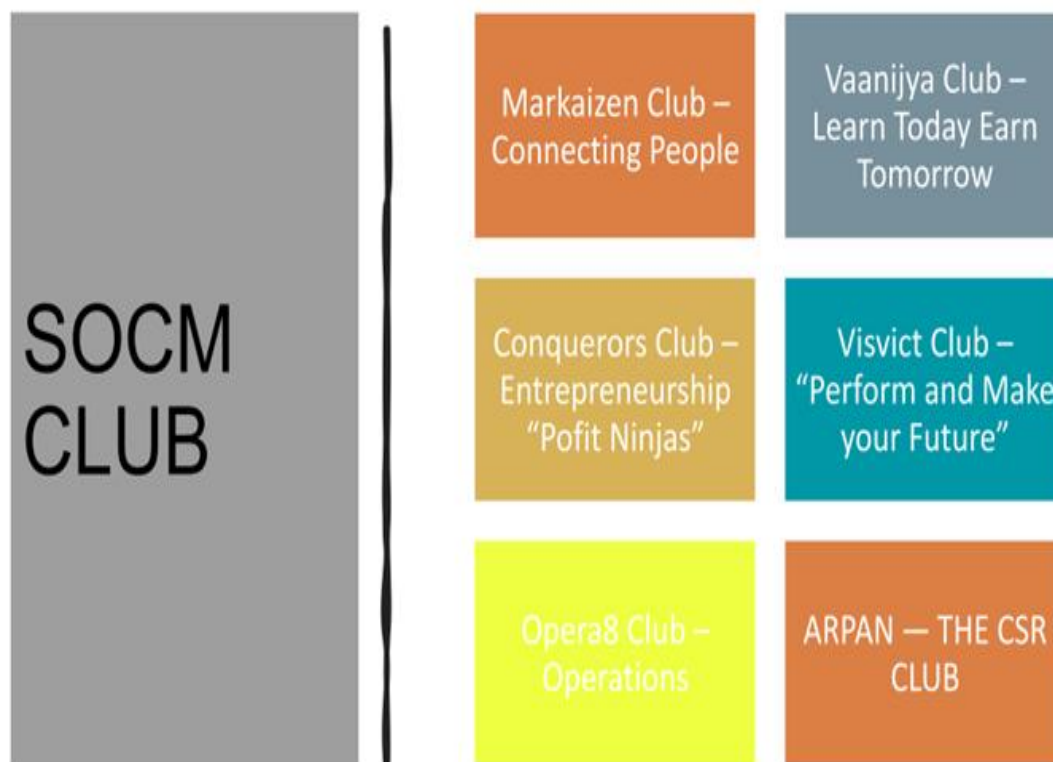


School of Commerce & Management

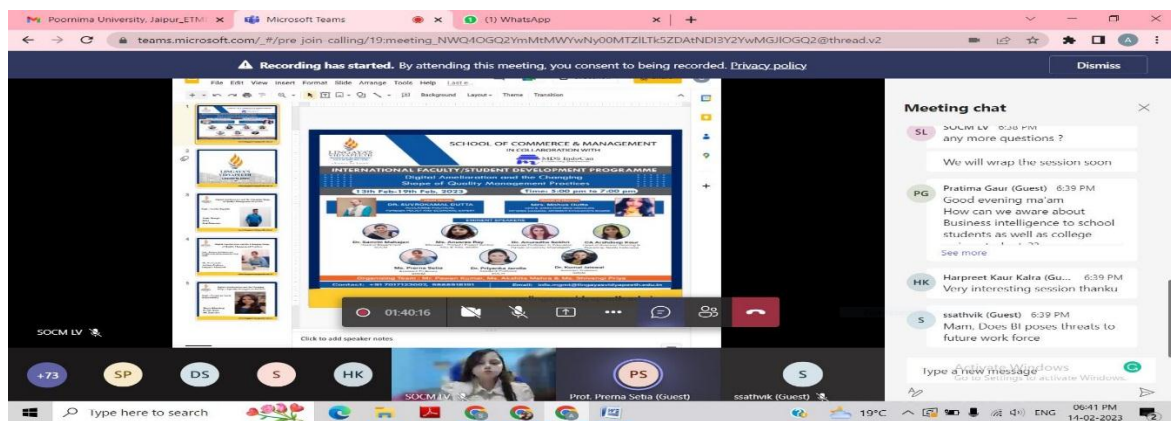
Information about Department

The School of Commerce & Management stands out as a leading center of excellence for management studies. SOCM was established in 2004-2005 with a vision to create world-class managers, entrepreneurs, and change leaders who can create new benchmarks of professional excellence in the industry. Our faculty members are seasoned professionals and come with rich industrial and academic experience. We ensure that students are abreast with the latest trends and technologies through our regular teaching-learning process and additional enrichment programs. The Board of Studies, which comprises experts from IIM and other prestigious institutions, through their insight, helps ensure that the syllabi are tailor-made to impart the requisite knowledge. Its vision is to relentlessly prepare such global managers who can work as solution providers for global research problems and can embark upon promising careers in the corporate world.

SOCM Clubs



Brief report with photographs on the events/webinar /conference/workshop /Guest lecture / FDP organized with Photographs
International Faculty /Student development Programme





SCHOOL OF COMMERCE & MANAGEMENT
IN COLLABORATION WITH



INTERNATIONAL FACULTY/STUDENT DEVELOPMENT PROGRAMME
Digital Amelioration and the Changing Shape of Quality Management Practices
13th Feb-19th Feb, 2023 Time: 5:00 pm to 7:00 pm

CHIEF GUEST
DR. SUVRKAMAL DUTTA
ACCLAIMED POLITICAL FOREIGN POLICY AND ECONOMIC EXPERT

GUEST OF HONOUR
Mrs. Mohua Dutta
CEO & DIRECTOR MDS INDOCAN OTTAWA CANADA, MEMBER EDUCATION BOARD

EMINENT SPEAKERS

 Dr. Samriti Mahajan Head of Department SOCM	 Ms. Anusree Ray Manager, Project Project Control AIZ & Assn, Jarolla	 Dr. Anuradha Sekhri Associate Professor in Education Punjab University, Chandigarh	 CA Arshdeep Kaur Head of Business Planning & Reporting, Pantele Indonesia
 Ms. Prerna Setia Assistant Professor SOCM	 Dr. Priyanka Jarolla Assistant Professor SOCM	 Dr. Komal Jaiswal Assistant Professor SOCM	

Organizing Team : Mr. Pawan Kumar, Ms. Akshita Mehra & Ms. Shivangli Priya
 Contact: +91 7017123007, 9888918191 Email: info.mgmt@lingayasvidyapeeth.edu.in

Event Name: FORIO

Lingaya's Vidyapeeth organized a dynamic Forio event, bringing together students from various disciplines to engage in immersive learning experiences. This event was designed to foster creativity, innovation, and collaboration among participants. Through a series of workshops, interactive sessions, and hands-on projects, students explored new ideas and developed practical skills. The Forio event highlighted the institution's commitment to providing holistic education and nurturing the talents of its students, preparing them for future challenges and opportunities.



School of Commerce and Management ORGANIZING

FORIO

22 March 2023
2:00 pm
Seminar hall,
room no. 337

Convener
Dr. Rajeev Gupta
Ms. Sonali






Lingaya's Vidyapeeth organized a Dental Camp aimed at promoting dental health and hygiene among students and staff. The camp, held on 05/04/2023-06/04/2023 provided free dental check-ups, consultations, and basic treatments to all participants. Dental health awareness sessions were also conducted to educate attendees on the importance of oral hygiene. The camp was a great success, benefiting many individuals and raising awareness about dental care. We extend our gratitude to the dental professionals and volunteers who made this event possible.



News Blast (2022) held on 28.09.2022 total number of participants was 18



LINGAYA'S VIDYAPEETH
Deemed-to-be University
w/s 3 of UGC Act 1956
choose to know

School of Commerce and Management
ORGANIZING

NEWS BLAST



LATEST NEWS



28 SEPTEMBER 2022
2:00 PM



Seminar Hall, Room No. 337,
II Floor

CONVENER:

- Dr. Priyanka Jalaria
- Ms. Akshita

e-Certificate will be provided to all the participants.



Nukkad natak (2022 in collaboration with GOI under the scheme aazadi ka amrit mahotsav, total number of participants was 22.

The students of Lingaya's Vidyapeeth staged a captivating Nukkad Natak that left a lasting impression on the audience. Performed in the heart of the campus, the play addressed pressing social issues with a blend of humor and poignant storytelling. The talented cast used minimal props and their expressive acting to engage the crowd, sparking discussions and raising awareness. This performance highlighted the creativity and social consciousness of Lingaya's Vidyapeeth students, showcasing their commitment to using art as a medium for change.



School of Humanities and Social Sciences

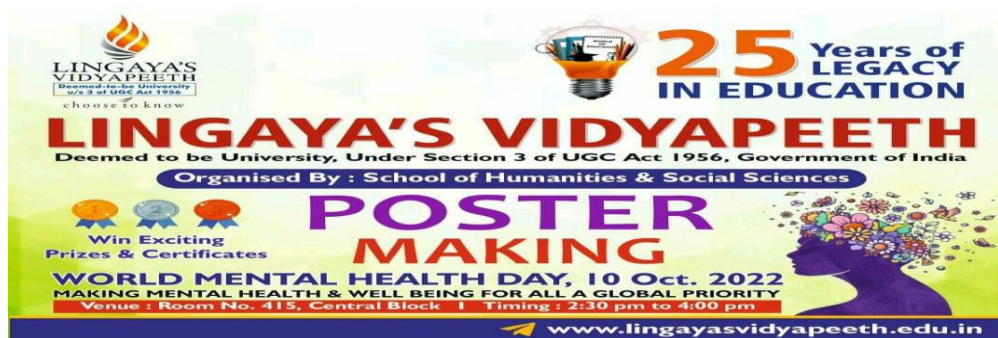
1. World Environment Day - Go Green Drive at Faridabad Railway Station: 8 June 2022 - Go Green & Cleanliness Drive was organized at Old Faridabad Railway station to spread awareness about preserving the environment.



2. Persona Unmasked: 7-16 September - Activities were performed so that students know oneself better and become empathetic toward others in the society.



3. Hindi Diwas: 14 September 2022 - Essay writing and poetry competition was organized to spread the importance Hindi language.
4. World Mental Health Day - Poster Making: 10 October 2022 - Poster Making competition was organized to spread awareness on mental health and its care.



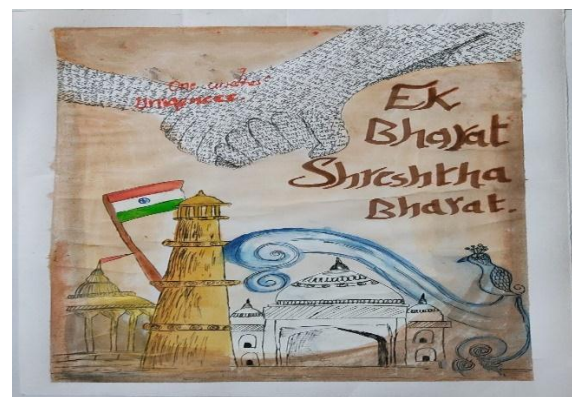
5. Sahitya Akademi - Puskayan Book Fair: 17 November 2022 - Students' visit to Pustakayan Book Fair by Sahitya Akademi.



6. International Day of Disabled Persons – Visit to Ashray Deaf Resource Centre: 3 December 2022 – An educational trip at a Special School for children with hearing impairment was organized. Woolen wear and eatables were distributed as token of love.



Ek Bharat Shrestha Bharat week was organized by the Department of English, School of Humanities and Social Sciences, in the last week of December. The activities conducted under the aegis of EBSB were, Poster Making Competition, Speech, Teaching-Learning of Telugu etc. Links of Bhasha Sangam-Learn Indian Languages and EBSB Quiz game were shared with the students. Students downloaded the mobile apps and enjoyed the games.



Debate, slogan writing(2022) in collaboration with central vigilance commission (CVC) awareness week, total number of participants was 150.

"Voice Your Vision: Lingaya's Vidyapeeth Debate Extravaganza!"

"Empowering Minds, One Debate at a Time!"

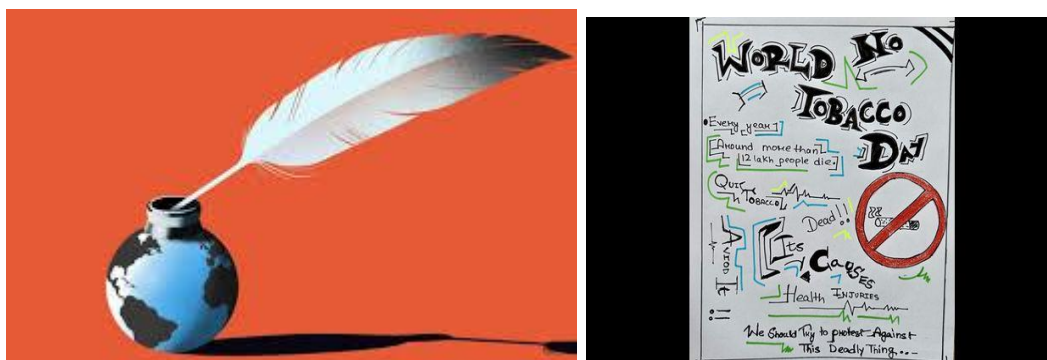
"Debate to Educate: Lingaya's Vidyapeeth Students Lead the Way!"

"Speak Up, Speak Out: Unleashing the Power of Words!"

"Challenge, Discuss, and Inspire: Lingaya's Vidyapeeth Debate Champions!"

"From Ideas to Action: Lingaya's Students in Thoughtful Debate!"

"Debating for a Better Tomorrow: Lingaya's Vidyapeeth at the Forefront!"



Nukkad natak(2022) in collaboration with NSS under the scheme yoga day awareness, total number of participants was 40.

On Yoga Day, the students of Lingaya's Vidyapeeth, in collaboration with the NSS, presented an impactful Nukkad Natak to raise awareness about the benefits of yoga. The performance took place in a bustling public space, attracting a diverse audience. Through engaging storytelling, expressive acting, and minimal props, the students highlighted the physical, mental, and spiritual benefits of practicing yoga. The natak emphasized the importance of incorporating yoga into daily life for overall well-being and encouraged the community to adopt this ancient practice. This initiative showcased the commitment of Lingaya's Vidyapeeth and the NSS to promoting health and wellness through creative and educational means.



Department of Mechanical Engineering

Cultural Event/Activity

Event Title	Ek Bharat Shreshtha Bharat
Event Objectives	To organize an activity under EBSB scheme of Indian Government to enhance the student knowledge and writing skill
Event Description	The activity covered: Essay Writing and Extempore Competition
Event Outcome(s)	Students get to know more about our pairing state Telangana and the activity will help students in building confidence for future activities participation.

SCHOOL OF PHARMACY

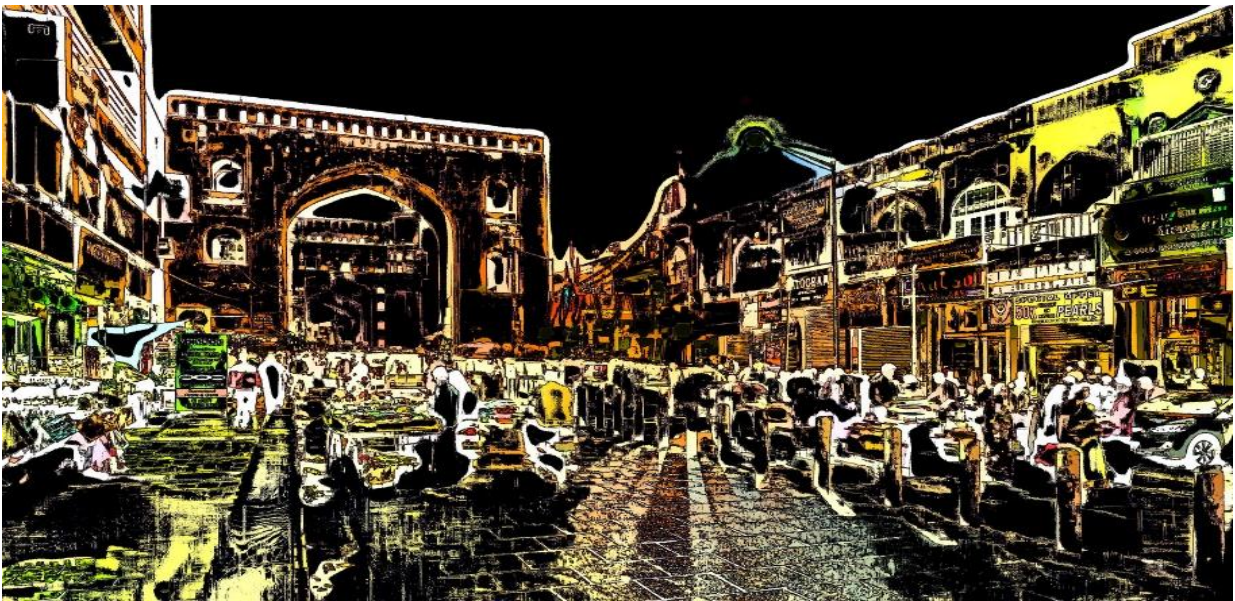
Lingaya's School of Pharmacy organized Rangoli and Poster making competition on 12th April 2022 for Ek Bharat Shrestha Bharat. Ek Bharat Shrestha Bharat's objective is to encourage students to learn the language, Culture, living styles, festivals, social customs, food habits and such other aspects of the social and cultural affairs of the Telangana state. The theme for this competition was "The culture across Telangana". 14 students participated in this competition. Students made various types of rangoli and posters.

Result- Judgement criteria was choice of theme, colouring scheme and creativity. The winner was announced and got a prize.



School of Architecture

Poster making Competition



A Poster Making competition for all the students of Lingayas Vidyapeeth was organised on 11th March 2022 by School of Architecture. Student's were given the topic - "Art and Culture of Telangana". Timings for the competition was from 2 pm to 5 pm. Students enthusiastically participated in the competition. Ar. Prof Rishi Raj Kapoor was the judge of the competition.

The objective behind organisation of poster making competition is to bring out the creative expression of students and to gauge their knowledge and awareness of various Art forms and also about different culture prevailing in the state Telangana. Current scenario and issues in the state were also the part of the competition. The aim of the Poster Making Competition is not just to judge the students based on their creative aspects but also to trigger thought process among the students towards the political issues and social issues in the state.

All the stationary and the colours to the students were provided by the department. Students depicted their creativity not only through the sketches but also through different colour themes. Beautiful creative sketches and colour posters done by students not only from Architecture department but other departments.

Final winners were announced by the Judge, all students got the participation certificates and winners were given the prize.

Event was successfully held by Architecture department and students were benefitted a lot as they got chance to show their caliber and creativity through this Poster Making Competition.

JOSH 2022

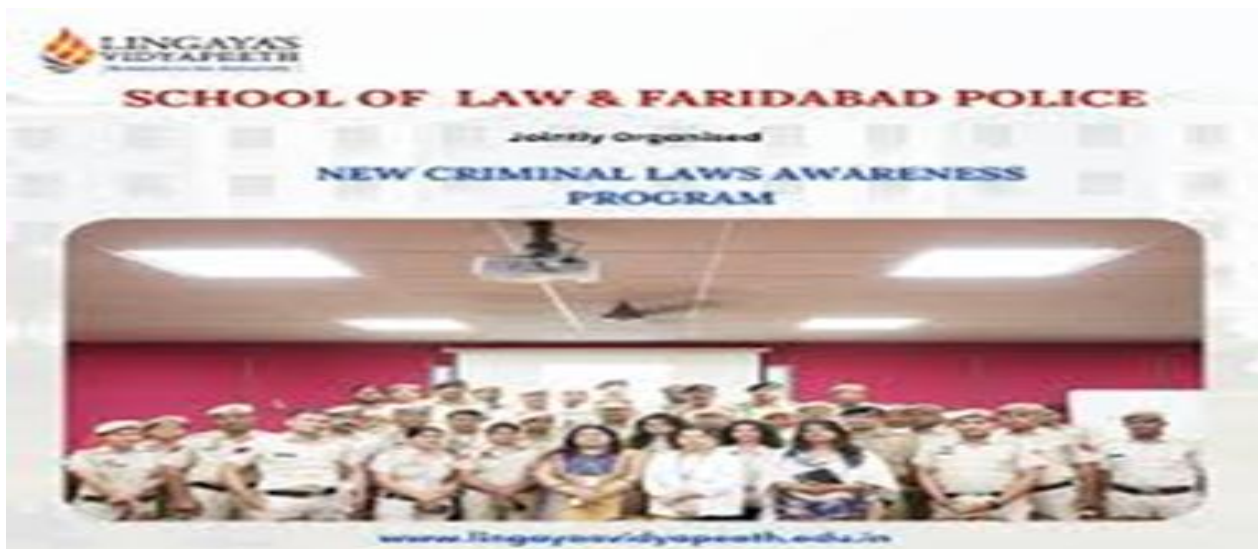


Faculty Enrichment Programs or faculty development courses focus on a particular theme or skill. These short courses allow faculty to keep pace with the fast-changing learning environment while taking steps to build networks of support for their professional success. Faculty development refers to a range of activities that are perceived to help academicians in improving their professional skills that are vital for carrying out their teaching, research or administrative activities in education. Inter institution competitions between the faculty and staff help hone the skills of the participants and also to inculcate a feeling of camaraderie amongst the members of all the institutions. Lingayas Vidyapeeth has set up its personal trademark in the form of JOSH, its annual, inter institution, cultural fiesta for all its employees.

JOSH 2022 lived up to the expectation of its name, it was indeed full of enthusiasm and 'Josh'. It is a brilliant initiative of the Chancellor Sir, to host a inter Institute's Cultural competition which includes dancing, singing, quiz, antakshri and ramp walk. The show is truly democratic, in the sense, that it is for the employees, of the employees and by the employees of Lingayas Group of Institutions.

Cultural events help to develop the skills of cooperation and communication. They give an opportunity to express emotions and to enrich one's own social experiences that is the precondition of the formation of the deserving, responsible citizens. The employees of the Lingayas Group of Institutions had a great enriching experience this year, in Josh. Each member has his/her own experience to narrate, be it on stage, as a participant, behind the scenes or just a spectator. The one's on the stage enjoyed their performance and enthusiastically stepped on the stage to receive their awards and certificates. Those who were back stage had a tough time calming down the bubbly participants eagerly awaiting their turn on the stage. The members in the audience brought their competitive spirit to the fore by encouraging the participants of their institution with clapping and loud cheer. Overall it was a win-win situation for all in terms of complete entertainment and thorough enjoyment.

Awareness campaign is being run by Haryana Police, appeals to youth of Lingaya's



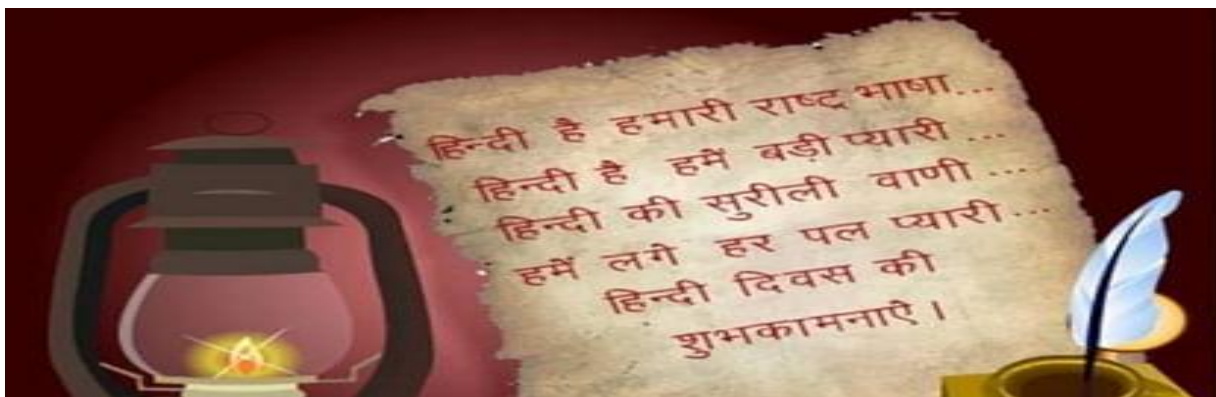
During the ongoing awareness campaign in the district by Haryana Police Police officers at Lingayas Vidyapeeth, Faridabad apprised about the ill-effects of evils going on in the society like Cyber Crime, Narcotics, Self Defense and Moral Education on Senior Citizens.

On this occasion Incharge Student Police Cadet, Inspector Savita Rani, ASI-Virendra (Traffic Tau), SI Praveen Tomar and team were especially present. Inspector Savita Rani apprised the students about cyber crime. Where are the incidents of cybercrime happening and how people can avoid them. He was also made aware about each and every point of cyber fraud happening every day, so that the incidents of fraud could be avoided. Where did he keep telling his children about good touch and bad touch? In order that nothing wrong happens with the children, they should keep talking about their daily routine. So that they can be saved before any crime happens to them. He said that especially for the defense of women, the department has made '**Durga Shakti Team**' present in the district. Which is working only for women.

At the same time, Traffic Tau told that there are 82 traffic challans and also made everyone aware of the sections imposed on them. Not only this '**Narcotics**', the evil spreading in the society like People were made aware about this. The Haryana government is taking strict steps to stop drug smuggling in the district. At the same time, the Police Department has opened the Education Wing, which appeals to the students that more and more youth should join this wing. Where did they ask you for only one to two hours, in which you should give such tips to people so that accidents can be reduced on the road and give such slogans which can be installed behind any vehicle. Your support is very important to us. was present on this occasion '**Durga Shakti Team**' has Gave many tips along with self defense demos to the girl students and female faculty of Lingayas. In the end,

Prem Kumar Salwan, the registrar of the institute, who was present on the occasion, thanked the Haryana Police, where the public would benefit immensely from this campaign. Where did he say that it is the effect of this meaningful initiative of the police that the younger generation of the district has also come forward to make this campaign a success and we will also try to do the same, the youth of Lingayas will also be a part of this campaign.

Matribhasha Diwas Celebration



The UNESCO has been observing February 21st every year as International Mother Language Day to promote and disseminate mother tongues and the fuller awareness of the linguistic and cultural traditions throughout the world and to inspire solidarity based on understanding, tolerance and dialogue.

International Mother Language Day also known as ‘Matribhasha Diwas’ was celebrated at Lingaya’s Vidyapeeth, Naucholi, Faridabad, Haryana on 21th February, 2020 from 3:00 pm to 3:40 pm.

This celebration was organized, highlighting the importance of the Mother Tongue and celebrating the rich diversity in Indian languages. To mark this celebration, The LV Cultural Club has arranged a Webinar on “Linguistic Diversity” reflecting the spirit of “Ek Bharat, Shrestha Bharat”. The formal programme commenced with the welcome address by Ms. Melita Stephen Natal, Asst. Professor School of Education and member of LV cultural Club, highlighting the celebrating the Matribhasha Diwas as a multilingualism all over the world, with an objective of sensitizing the people on the need for the greater use of mother tongues and other Indian languages for development and progress of the nation.

11th Convocation Completion at Lingaya's Vidyapeeth



Chief Guest Mr. J.P Malhotra , President , Haryana State Productivity Council, Congratulates Graduating Students and Awards Degrees

We are honored to have Mr. J.P Malhotra , as the chief guest for today's graduation ceremony. He has graciously extended his heartfelt congratulations and best wishes to all the graduating students.

In his inspiring address, Mr. Malhotra acknowledged the hard work, dedication, and perseverance demonstrated by the students throughout their academic journey. He encouraged them to continue striving for excellence and to make significant contributions to their chosen fields and society at large.

Mr. J.P Malhotra then proceeded to award degrees to the graduates, marking a significant milestone in their academic and professional lives. His presence and words of wisdom have undoubtedly added a special touch to this momentous occasion, leaving a lasting impression on the graduates and all attendees.

We extend our deepest gratitude to Mr. J.P Malhotra for his valuable time, support, and encouragement.

ORIENTATION PROGRAM (17TH SEPTEMBER 2022)

In the orientation program, the students first got to know the education system of the institute, then presented a cultural program.

- On this occasion Vice Chancellor Prof. Dr. G.G Shastri shared some tips and tricks for the students.
- Chairman Dr. Picheshwar Gadde said that the parents are entrusting their children with a trust in us. That's why it is our responsibility to take care of the future of these children.

Faridabad! Orientation program was organized at Lingaya's Vidyapeeth (Deemed-to-be University) on Saturday. Its purpose was to make the students aware about the education system here. The students of the new session also participated in various cultural programs in the programme.

The program started with lighting the lamp and Guru Vandana. After this, students were given information about study material, course knowledge, future prospects, exam pattern and curriculum. To adopt any profession as a career, it is necessary that the students understand it closely. During this, along with the induction program, some glimpses of the alumni were also shown to the students. The students enthralled the audience with fusion dance, mashup songs, instrumental music. On this occasion Vice Chancellor Prof. Dr. GG Shastri shared some tips and tricks for the students. Also shared his valuable experiences with them. Where he should focus only on his goal, so that that goal can be achieved. All the winners of selfie competition, fashion styling, poster making, video short reel, story writing, debate competition, best out of waste and sports competition were awarded during the induction programme. Dr. Picheshwar Gadde, Chairman of Lingya's Group, said that all you parents are handing over your children to us with a trust. That's why it is our responsibility to take care of the future of these children. He said that this is the new generation, they go by studying more than what we teach. On this occasion, Registrar Mr. Prem Kumar Salwan gave information about the education group's development journey, vision, mission, value, award, ranking, infrastructure, facility, student achievement, international collaborations, sports activity etc. The program ended with the national anthem. The stage was coordinated by Dr. Gurvinder Ahluwalia, HOD, School of Education Department.

Stand-up comedian Rohit Thakur at Lingaya's freshers party (28TH October 2022)

- Rohit Thakur has been an alumina's of Lingaya's.
- Kavita's character left a mark.
- Miss Fresher Priya Singh and Mr. Fresher Nitin Bhadana.

During the fresher's party at Lingaya's Vidyapeeth (Deemed-to-be University) located in Faridabad, where the seniors welcomed the juniors on coming to the college, they also taught them to always follow the path of truth in future.

The party began with stand-up comedy by Rohit Thakur, an alumnus of Lingaya's. The one who won everyone's heart. Especially when Rohit came in the character of Kavita, at that time the auditorium echoed with thunderous applause. Which became the center of attraction. Thereafter colorful programs were presented by the students. There was dance, music, stand-up comedy, fashion shows as well as jam sessions. Through the program, new and old students introduced mutual coordination and affection with each other through introduction.

During this fashion show was also the center of attraction. In which Miss Fresher Priya Singh, Mr. Fresher Nitin Bhadana, Most Confident Mansi Kulashree, Best Attire Anmol, West Walk Vikas and Ipshita were selected. Honoring all the winners, he wished the students for their bright future. The judges were Ramin Dogra, HOD, School of Designing, Smriti Mahajan, HOD, School of Commerce and Management and Shilpa Sharma, Assistant Professor, School of Law. During this, apart from others, Dean Academic Dr. Devendra Pal Singh and Registrar Prem Kumar Salwan were also present.

'GREEN DIWALI' CELEBRATED IN LINGAYA'S (22ND OCTOBER 2022)

This time 'Green Diwali' was celebrated with great pomp in Faridabad-based Lingaya's Vidyapeeth (Deemed-to-be University). Green crackers are less harmful than conventional crackers and reduce air pollution. Due to which this time Lingaya's thought of celebrating Green Diwali. In which the students participated enthusiastically.

Competitions like Rangoli, Best of Waste, Cultural and Quiz Competitions, Diya, Matki Decoration, Poster Making, Dance, Singing were organized for the students. In which the students participated with great enthusiasm. Dr. Picheshwar Gadde, Chairman of Lingaya's Group and Vice Chancellor Prof. Dr. G.G. Shastri wished everyone a happy Diwali. Every time after Diwali, pollution and smog are seen in the cities due to the burning of firecrackers during the Diwali festival. For this reason, this time Lingaya's thought of celebrating 'Green Diwali'. Green crackers are less harmful and reduce air pollution. On the other hand, Dr. Gadde made distance from firecrackers, do not use plastic bags, use green wrappers to pack gifts, use LED lights, do not waste food, also told some such things, using which made this Diwali even more beautiful. May go. Wished everyone's life to be illuminated by the light of the lamps. After that the Dandiya dance started. In which all the students and staff were seen drenched in the mood of fun. In the end all the winners were awarded.

GANESH CHATURTHI ---- BAPPA WAS WELCOMED WITH GREAT FANFARE IN LINGAYA'S (31ST AUGUST 2022)

Ganapati was established with great fanfare in Lingaya's Vidyapeeth (Deemed-to-be University). Along with eco-friendly Ganapati, this time his decorations have also been done keeping in mind the natural. So that people are motivated towards the environment. Dr. Picheshwar Gadde, Chairman, Lingaya's Group and Pro Vice Chancellor, Prof. Dr. G.G. Shastri Ganpati was worshiped by Shastri with complete rituals. Along with all the members of the college, the students also marked their presence and received their blessings. Dr. Shastri told that he will be immersed on Friday. Not only this, he also introduced the importance of this festival to the people present there.

According to astrologers, on the day of Ganesh Chaturthi, by the grace of Lord Ganesha, happiness, peace and good fortune is attained. It is a belief that while worshipping Ganesha, one should offer Doob, Modak, Boondi laddoos etc. By doing this Lord Ganesha is pleased and bestows his blessings.

ALUMNI MEET ----- ALUMNI WAS ENTHRALLED BY MUSIC AND SONGS, FORMER STUDENTS LAUGHED A LOT BY SHARING OLD MEMORIES (23RD DECEMBER 2022)

- Silver Jubilee was also celebrated on the occasion of completion of 25 years of Lingaya's Vidyapeeth.

- During this, the present students of the college gave a grand welcome to the alumni.

Faridabad! We used to study less, but used to fight a lot to improve the institute and develop facilities. It was not known when he used to reach the cinema hall while attending classes. When the matter got stuck, the friend, friend and senior used to solve the matter. This was to say of the former students who attended the Alumni Reunion-2022 party of Lingaya's Vidyapeeth (Deemed-to-be University) held on Sunday. In this, everyone was seen reliving their old memories till late in the evening, clapping and laughing. Not only this, the Silver Jubilee was also celebrated by cutting a cake on the completion of 25 years of the Vidyapeeth. Many stories were narrated by former students at MK Garden in Chhatarpur on Sunday. There was an atmosphere of joy. Alumni of 2002-2021 batch participated in this. During this the college gave a grand welcome to the alumni. To make the event even more special, entertainer and character artist Bhavya Kapoor enthralled everyone with his performance that lit up everyone's faces. Especially when Bhavya came in the character of **Dr. Gulathi**, the event was in full swing. The atmosphere resounded with thunderous applause. Whereas rapper and music artist Sampark made the atmosphere more pleasant with songs like 'Chala Main-Chala Main Musafir', 'Pahadon Mein Jannat Milti Hai'. This event was sponsored by Bira. During this, the Chairman of the Lingaya's Vidyapeeth Dr. Picheshwar Gadde, Pro Chancellor Prof. (Dr.) MK Soni, Additional Director Pranav Mishra, Dean Academics Prof. (Dr.) Devendra Pal Singh, Registrar Prem Salwan were present.

LOHRI MADE WITH POMP IN LINGAYA'S (13TH JANUARY 2023)

The festival of Lohri was celebrated with great enthusiasm at Lingaya's Vidyapeeth (Deemed-to-be University). On this special occasion Pro Chancellor Prof. (Dr.) MK. Soni said that Lohri is a festival of sharing happiness together. Earlier it was celebrated only in few states like Haryana, Punjab, Himachal Pradesh, Delhi etc. But with the growing trend and to share the happiness, people started celebrating this festival in other parts of the country as well. He said that we should celebrate every festival with joy.

On this occasion, a bonfire was lit in the college campus celebrating Lohri. All the faculty members and staff went round the fire and put rewdi, peanuts and gajjak in it. After which peanuts and Revdi were distributed to all. After that everyone expressed their happiness by singing and dancing. Vice Chancellor Dr. Mahendra Pal Gupta congratulated everyone on Lohri and wished them all the best for their bright life. He also gave information about the beliefs related to Lohri. On this occasion, Dean Academic Prof. (Dr.) Devendra Pal Singh, Registrar Prem Salwan should be present.

The festival of Lohri is dedicated to Sun God and Agni. In this festival, people dedicate new crops to Agni. According to mythological scriptures, the gods and goddesses of Agni are offered food. It is believed that through the festival of Lohri, the enjoyment of the new crop reaches all the deities. It is said that gratitude is expressed to Agni and Surya by dedicating the crop to them.

ZEST 'GOONJ' Punjabi singer Sukh-e graced Lingaya's Star Night (24th & 25th February 2023)

Faridabad! Star Night was organized on the last day of the two-day zest 'Goonj 2k23' at Lingaya's Vidyapeeth (Deemed-to-be-University) in which Punjabi singer Sukh-e of 'Coka fame' participated. Whose fans welcomed him with applause as soon as he came on stage.

The Punjabi songs presented by him on this occasion were thoroughly enjoyed by his fans. On this occasion, he sang his hit songs "Jaguar, Haaye ni tera koka-koka, Vahan bhai-vahan, Suicide, Chocolate girl, All black". As soon as he sang, he created such an uproar that he forced everyone present there to dance. Singer, Composer and Music Producer Sukh-e Born in Garhshankar, Punjab. After completing his studies, he formed a band called Musical Doctorz. Sukh-e did many records with this band. He made his debut with the song "Sniper", in which he appeared with Raftaar. After that in 2015, his second song "Jaguar" came which people liked a lot.

'Goonj 2k23' begins with lamp lighting

Heading: Applause echoed as soon as the entry of film actor and Roadies fame Rannvijay Singha, eyes lit up after watching the video of old memories

- He advised the students to follow their heart when it comes to career choice. You will definitely get success.

Faridabad! The two-day Jest 'Goonj 2k23' was inaugurated by lighting the lamp by Chief Guest 'Rannvijay Singha' at Lingaya's Vidyapeeth (Deemed-to-be-University) located in Nachauli village. This was followed by BTS (Behind the Scene) videos, Old Jest videos which brought back memories for everyone present in the Auditorium.

As soon as Rannvijay entered the Audi, thunderous applause started echoing. The sparkle and happiness in Rannvijay eyes was worth watching while watching the video of his old memories. The children of Lingaya's Public School won the hearts of everyone with their semi formal performance. After this the music and dance started. Then as soon as Rannvijay came on the stage, the students welcomed him with applause. To boost the confidence of the students, he advised the students to follow their heart when it comes to career choice. You will definitely get success. After that Rannvijay interacted with the press. This program started under the patronage of University Chancellor Dr. Picheshwar Gadde. Various programs were organized in the campus. Events like Quiz, Poetry, Spell Bee were organized in Mood Cot. Poster Making, Just-a-Minute (JAM) were held at Pishneri Seminar Hall. Scavenger hunt, reels fire, fun with blindfold programs were held in the main ground of the campus. Programs like stage play, Hindi duet song, monologue were held in the auditorium. Hindi Group Song, Battle of Bands were the center of attraction. Solo songs and street plays took place in Quad. The main focus of the evening was the fashion show. Colorful lights, fog and musical beats falling on the ramp were attracting the attention of the audience. Adorned with glittering accessories and outfits, the participants set the fashion ramp ablaze in one ramp walk after another. During this, Dr. Picheshwar Gadde, Chairman of Lingaya's Group, said that zest is happening after three years. That's why everyone is very excited. The zest this time also has to be the best as always. Because everyone's hard work is behind this. Pro Chancellor Dr. MK Soni, Vice Chancellor Dr. M.P. Gupta, Registrar Prem kumar Salwan, Dean Academics Pro on this occasion. (Dr.) Devendra Pal Singh etc. were present.

LIST OF MOUS SIGNED BY LINGAYA'S VIDYAPEETH IN 2022-2023

Sr.No	City	Institute / Company Name	Contact Person & Address
1.	N.Delhi	Emplife India Private Limited	Mr. Raja Das Gupta, 1497, 3 rd floor, wazir Nagar (KMP) New Delhi
2.	N.Delhi	Friends Indeed Foundation	Mr. Gaurav Narang B-306, 3rd Floor, IRCON Apartment Sector-18A, Dwarka, New Delhi- 110078
3.	Uttar Pradesh	Hindustan Agricultural Research Welfare Society (HARWS), Uttar Pradesh	Dr. Anil Kumar Chaudhary, (HARWS), Uttar Pradesh
4.	N. Delhi	The Institute of Chartered Accountants of India	CA Vandana D Nagpal ICAI Bhawan, Indraprastha Marg, New Delhi 110002
5.	Bangalore	iNurture Education Solutions Pvt. Ltd	Mr. Anand Dhang 11/4, Block B 1, Palace Road, Bangalore 560052, Karnataka
6.	Mumbai	L&T EduTech	Mrs. M.F. Febin L&T House, Narottam Morarji Marg, Ballard Estate, Mumbai - 400001
7.	Uttarakhand	LIFE FARM SOCIETY	Mr. Alok Kumar Roorkee, Uttarakhand
8.	N. Delhi	Asian Institute of English Language Private Limited	Mr. Bhavik D- 139, Freedom Fighter Enclave, New Delhi 110068
9.	Odisha	EduSkills Foundation	Mr. Subhajit Jagadev 806, DLF Cyber City, Technology Corridor, Infocity, Bhubaneswar- 7510024, Odisha, India
10	N. Delhi	Institute for Industrial Development	Mr. Kunal Bhola Gandhi Darshan, KVIC Pavilion, Rajghat New Delhi
11.	Bangalore	BHAROSEPE TECHNOLOGY SERVICES PRIVATE LIMITED	Mr. Kaustav Dey ECS 30-31, 3rd Main Road, Ramanjaneya Nagar, Bangalore

REPORT ON PLACEMENT OF STUDENTS

LINGAYAS VIDYAPEETH (deemed-to-be university)																					
REPORT ON PLACEMENTS OF STUDENTS (2022-2023)																					
S. No.	Date of Drive	COMPANY'S NAME	CSE	ME	AE	CE	B.ED	MCA	BCA	BBA	MBA	B.COM	MA	M.SC	ARCH	M.Plan	B.PHARM A	LLB	LLM	Total	Salary package
1	9.10.2023	Belita design solution pvt ltd													1					1	2.64 LPA
2	9.10.2023	W D Partners														1				1	6LPA
3	9.10.2023	Arcop Associates Pvt Ltd.													1					1	4.80LPA
4	7.12.2022	TCS	1																	1	3.36LPA + Incentive
5	7.10.2023	Mittal Software Labs	10																	10	Rs.10,000 per month during 6 months training. Thereafter 3.5-10 LPA
6	5.5.2023	Microland limited							1											1	2.6LPA CTC
7	5.5.2023	MBB Labs Pvt Ltd	1																	1	3LPA
8	05-09-2023	Pankaj Associate																2	1	3	
9	4.9.2023	GALASR Engineering Services				1														1	3LPA
10		Tech mantra	1																	1	
11	29.3.2023	Insplere Consultants Pvt. Ltd									1									1	Upto 1.80 LPA performance based
12	28.4.2023	IIE Semiconductor	1																	1	264000 LPA
13	27/04/2023	PHN technology						1												1	3.60LPA
14	27.03.2023	Heaven convent public school				1														1	2.80LPA
15	26.4.2023	Perfect Air		1																1	3LPA
16	23.8.2023	KCKV consultant													1					1	2.40LPA
17	23.8.2023	Shanti Devi Memorial Hospital									1									1	1.64LPA
18	21.8.2023	Riya plastic										1								1	1.20LPA
19	20.7.2023	Smart Brew Solutions Pvt Ltd									2									2	3.60-6LPA
20	18/05/2023	iNurture Education Solutions Pvt Ltd.,												1						1	1.20LPA
21	18.12.2023	Tech Mahindra	1																	1	2.40 LPA
22	17/7/2023	ClientPro Services Pvt. Ltd									2									2	2.40LPA
23	09-11-2023	Lucknow public college of pharmacy															1			1	3LPA
24	27-10-2023	trigent software pvt ltd										1								1	1.80LPA
25	15-10-2023	san code technologies									1									1	2.4LPA
26	13-10-2023	Superwell services pvt ltd	1																	1	2.91LPA
27	13-10-2023	Renovision automation services pvt ltd								1										1	3LPA
28	13-10-2023	Bajaj Healthcare															1			1	1.56LPA
29	09-10-2023	Dineshchandra r agrwal infracon Pvt Ltd				1														1	2.40LPA
30	03-10-2023	Sun Pharma Laborties ltd															1			1	3LPA
31	03-10-2023	bonsai Enterprises (P) ltd													1					1	3.48LPA
32	03-10-2023	Aithent Technologies	1																	1	2.4LPA
33	30-09-2023	BUILDCON SOLUTIONS													1					1	3.60 LPA
34	30-09-2023	Deepak Associate																1	1	2	
35	29-09-2023	Diyos Hospital															1			1	2.83LPA
36	29-09-2023	PYRAMID CYBER SECURITY & FORENSIC P LTD.						2												2	1.80LPA
37	22-09-2023	New Tech medical device									1									1	3.96LPA
38	20-09-2023	Lingayas public school					3						1							4	2.40LPA
39	24-08-2023	Appfoster Innovations Pvt. Ltd.	1																	1	1.2 LPA-4.5 LPA
40	17-08-2023	Lingayas vidyapeeth College					1							2						3	3.84LPA
41	16-08-2024	harisa associate																1		1	
42	09-08-2023	arcis Design Associate													1					1	2.41LPA
43	01-08-2023	ADP Building Consultancy Pvt Ltd													1					1	3LPA
44	01-08-2023	Ultra Confidential Design														1				1	3LPA

LINGAYAS VIDYAPEETH (deemed-to-be university)																					
REPORT ON PLACEMENTS OF STUDENTS (2022-2023)																					
S. No.	Date of Drive	COMPANY'S NAME	CSE	ME	AE	CE	B.ED	MCA	BCA	BBA	MBA	B.COM	MA	M.SC	ARCH	M.Plan	B.PHARM A	LLB	LLM	Total	Salary package
45	28-07-2023	Leefit interio pvt ltd									1									1	3LPA
46	28-07-2023	Vamani Overseas Pvt Ltd									1									1	3LPA
47	28-07-2023	Mitra industries pvt ltd.															2			2	3LPA
48	28-07-2023	AKS Information Technology services pvt ltd	1																	1	4.5LPA
49	28-07-2023	Life Care															1			1	2.8LPA
50	28-07-2023	Microworld Infosol Pvt Ltd							1											1	
51	25-07-2023	Mahadev Aluminium Frame Works		1																1	1.80LPA
52	23-07-2023	OBIQUISTE SOLUTIONS PRIVATE LIMITED									1									1	1.20LPA
53	13-07-2023	A D Design Studio (Architects and interior desginers)													2					2	3.60LPA
54	12-07-2023	EDGE Studios Pvt Ltd													1					1	2.88LPA
55	01-07-2023	HLF Services							1											1	2.15LPA
56	22-06-2023	S Bose Landscape architects													1					1	7.2 LPA
57	22-06-2023	Shekhar goyal associate																2		2	
58	28-05-2023	Brawn Laboratories Limited.	1														4			5	2.40LPA
59	28-05-2023	KBC Infratech and consultants				1														1	2.40LPA
60	25-05-2023	Mind IT Sys Pvt Ltd	1																	1	3LPA
61	24-05-2023	Manju medical Pharma															1			1	1.80LPA
62	18-05-2023	Landmark Lifestyle Cars Pvt. Ltd.	1																	1	2.82LPA
63	16-05-2023	Excelr Raising Excellence	1																	1	3.24 LPA
64		ESIC Delhi Govt															1			1	
65	05-05-2023	devyani food industries ltd									1									1	3.5LPA
66	05-05-2023	Victoria Industries,			1															1	2.40LPA
67	28-04-2023	Marque builders & developers pvt ltd														1				1	4.20LPA
68	20-04-2023	Nihi It Services	1							1		1								3	1.80LPA
69	20-04-2023	Havad Global School					1													1	2.40LPA
70	22-03-2023	BCH Electric Limited		1																1	4.5LPA
71	22-03-2023	Avinash enterprises																1		1	
72	22-03-2023	JREW Engineering Limited.		1																1	1.80LPA
73	21-03-2023	IEnergizer It Services Pvt Ltd	1																	1	2.82LPA
74		shivoham Dermatology Pvt Ltd															1			1	3.50LPA
75	10-03-2023	Jaypee Hospital									1									1	1.20LPA
76	02-03-2023	Concentrix Daksh Services India Private Limited									1									1	3.5LPA
77	23-02-2023	KMG It services	1																	1	3.25LPA
78	23-02-2023	P.P.Rolling Mills Manufacturing Co.P.Ltd.				1														1	2.4 LPA
79	10-02-2023	Schenck Ro Tec India ltd		1																1	3LPA
80	01-02-2023	Kimia biosciences ltd.															1			1	1.80LPA
81	28-09-2022	EPSOFT Product Pvt Ltd	1																	1	
82	20-09-2022	consultated services pvt ltd	1																	1	5LPA
83	25-05-2022	Samast Technologies Private Limited,									1									1	2.95LPA
84	13-03-2022	Kotak Life Insurance									1									1	3.50LPA
		Total Offers	28	5	2	3	5	4	3	2	16	3	1	3	10	4	15	7	2	113	
		Total Strength	51	5	2	5	18	5	9	5	22	11	1	7	10	8	57			216	




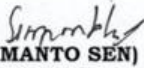
REPORT OF EXAMINATION BRANCH

Annual Report (2022-2023)

Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BEN	B.A (H)English	14	13	92.86
BAPSY	B.A (H)Psychology	18	16	88.89
BAC	B.Arch	10	10	100.00
BBA	B.B.A	45	39	86.67
BCOM	B.Com.	33	28	84.85
BED	B.Ed.	42	33	78.57
BPH	B.Pharmacy	60	52	86.67
BSC	B.Sc. (Chemistry)	18	16	88.89
BSM	B.Sc. (Maths)	13	11	84.62
BSP	B.Sc. (Physics)	4	4	100.00
CS	B.Tech CSE	109	94	86.24
EC	B.Tech ECE	27	22	81.48
ME	B.Tech ME	34	30	88.24
CE	B.Tech. (Civil)	20	18	90.00
BLI	BBA+LLB	25	23	92.00
BMI	BBA+MBA Integrated	14	13	92.86
BCA	BCA	15	15	100.00
BA(JMC)	BJMC	19	19	100.00
BVCCT	B.Voc.-CCT	60	56	93.33
BVDT	B.Voc.-DT	56	53	94.64
DPH	Diploma in Pharmacy	57	52	91.23
BVHS	B.Voc.-HS	61	57	93.44
BVHOM	B.Voc.-HOM	62	55	88.71
LLB	LLB	5	5	100.00

LLM	LLM	11	10	90.91
MEN	M.A. English	1	1	100.00
MED	M.Ed.	17	13	76.47
MSC	M.Sc. (Chemistry)	4	4	100.00
MSP	M.Sc. (Physics)	3	3	100.00
PGCS	M.Tech CSE	17	14	82.35
PGEC	M.Tech ECE	18	17	94.44
ME	M.Tech ME	18	18	100.00
PGCE	M.Tech. (Civil)	18	18	100.00
MBA	MBA	19	19	100.00
MCA	MCA	7	7	100.00
BVMLT	B.Voc.-MLT	66	61	92.42
BVOTT	B.Voc.-OTT	57	52	91.23
BVOMT	B.Voc.-OMT	31	29	93.55
BVPCM	B.Voc.-PCM	3	3	100.00
BVRMIT	B.Voc.-RMIT	52	46	88.46
	Total	1163	1049	90.20

APPROVAL OF PROGRAMMES/COURSES FROM AICTE, PCI, COA ETC.

<p>E-mail : bcinfo21@gmail.com info@barcouncilofindia.org Website : www.barcouncilofindia.org</p>		<p>Tel. : (91) 011-4922 5000 Fax : (91) 011-4922 5011</p>
<p>भारतीय विधिज्ञ परिषद् BAR COUNCIL OF INDIA (Statutory Body Constituted under the Advocates Act, 1961) 21, Rouse Avenue Institutional Area, Near Bal Bhawan, New Delhi - 110002</p>		
<p>BCI: D: 1397 :2022 (LE/Std.27/9/2022)</p>		<p>29.09.2022</p>
<p>1.</p>	<p>The Registrar, School of Law, Lingaya's Vidyapeeth, (Deemed to be University) Faridabad - Jasana Road, Faridabad - 121002, Haryana Email id - lu@lingayasuniversity.edu.in</p>	
<p>2.</p>	<p>The Principal, School of Law, Lingaya's Vidyapeeth, (Deemed to be University) Faridabad - Jasana Road, Faridabad - 121002, Haryana Email id - lu@lingayasuniversity.edu.in</p>	
<p><u>Interim Consent Letter</u></p>		
<p>Sir/Ma'am,</p> <p>Inspection report pertaining to this CLE submitted by the inspection team of Bar Council of India was considered by Standing Committee of the Legal Education Committee of Bar Council of India in its meeting dated 27th September, 2022 and Committee was pleased to grant extension of existing three year LLB course with intake of two sections of 60 students and five year BBA LL.B(H) course with intake of one section of 60 students in each course and fresh approval of BA LLB course with intake of one section of 60 students for a period of two years i.e. for the academic years 2022-2023 and 2023-2024 subject to conditions mentioned in the inspection report as well as to the conditions imposed by the Standing Committee, if any.</p> <p>Detailed letter incorporating detailed conditions shall be sent in due course.</p> <p>This is for your information and necessary compliance and action.</p>		
<p> [NALIN RAJ CHATURVEDI] ASSTT.SECRETARY, LE DEPT</p>		
<p> [ASHOK KUMAR PANDEY] JOINT SECRETARY & HOD of LE DEPT</p>		<p> (SRIMANTO SEN) SECRETARY</p>



PHARMACY COUNCIL OF INDIA

A Statutory body under Ministry of Health and Family Welfare
Government of India

E - MAIL : registrar@pci.nic.in
WEBSITE : www.pci.nic.in
Telephone : 011-61299900
 011 - 61299901, 011 - 61299902
 011-61299903

NBCC Centre, 3rd Floor
Plot No.2, Community Centre
Maa Anandamai Marg
Okhla Phase I
NEW DELHI - 110020

DECISION LETTER

Institute Name / Inst ID Department Of Pharmacy Lingayas University
Nachauli Old Faridabad Jasana Road Faridabad /
PCI-461
State HARYANA
District FARIDABAD
Sub-District Faridabad
Village/Town/City Nachauli
Pin Code 121002



Sir / Madam

With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details

Course	Name of Affiliation body/University	Decision	Approval Status	Approval Upto	Approval Intake
B.Pharm	The Registrar Lingayas University Nachauli Old Faridabad Jasana Road Faridabad	381EC(11.11.2022) is as under:- The latest information on record including appeal was placed and considered. B.Pharm B.Pharm course is already approved upto 2022-2023 academic session Reg. Raise in admission in B.Pharm course- It was decided to permit raise in admission from 60 to 100 from 2022-2023 academic session.	Approved	2022-2023	100
D.Pharm	The Registrar Lingaya University Nachauli Old Faridabad Jasana Road Faridabad Haryana	Decisions of 370 EC (25.7.2022) is as under:- D.Pharm D.Pharm course is already approved upto 2022-2023 academic session for 60 admissions.	Approved	2022-2023	60
M.Pharm Pharmaceutics	The Registrar Lingaya University Nachauli Old	381EC(11.11.2022) is as under:- The latest information on record including appeal	Approved	2022-2023	15

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2022-23

Extension of Approval (EOA)

F.No. North-West/1-10970092090/2022/EOA

Date: 03-Jul-2022

To,

The Financial Commissioner & Principal Secretary
(Technical) Govt. of Haryana,
Room No. 503/5,
Sector -17 New Secretariat,
Chandigarh-160017

Sub: Extension of Approval for the Academic Year 2022-23

Ref: Application of the Institution for Extension of Approval for the Academic Year 2022-23

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2022 Notified on 4th February, 2022 and amended on 24th February 2022 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-3721765691	Application Id	1-10970092090
Name of the Institution	LINGAYA'S VIDYAPEETH	Name of the Society/Trust	LINGAYA'S SOCIETY
Institution Address	NACHAULI, JASANA ROAD, OLD FARIDABAD, FARIDABAD, FARIDABAD, Haryana, 121002	Society/Trust Address	D-139, FREEDOM FIGHTERS ENCLAVE, NEW DELHI, 110068, DELHI, SOUTH DELHI, Delhi, 110068
Institution Type	Deemed to be University(Pvt)	Region	North-West
Year of Establishment	1998		

To conduct following Courses with the Intake indicated below for the Academic Year 2022-23

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	B.Tech (Civil Engineering)	NOT APPLICABLE	120	120	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	B.Tech (Computer Science & Engineering)	NOT APPLICABLE	240	60	NA	NA

Application No:1-10970092090

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 1 of 4

Note: This is a Computer generated Report. No signature is required.

Printed By : aict12380

Letter Printed On:15 July 2022

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	B.Tech (Mechanical Engineering)	NOT APPLICABLE	90	90	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	B.Tech(Mechanical and Automobile Engineering)	NOT APPLICABLE	60	60	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	B.Tech. (Electronics & Communication Engineering)	NOT APPLICABLE	90	90	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	NOT APPLICABLE	0	60 ^{##}	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE)	NOT APPLICABLE	0	60 ^{##}	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	NOT APPLICABLE	0	60 ^{##}	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	M.Tech (Mechanical Engineering)	NOT APPLICABLE	18	18	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	M.Tech (Civil Engineering)	NOT APPLICABLE	18	18	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER M.Tech (Computer Science & Engineering)	NOT APPLICABLE	18	18	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	M.Tech (Electronics & Communication Engineering)	NOT APPLICABLE	18	18	NA	NA

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
POST GRADUATE	MANAGEMENT	MBA	NOT APPLICABLE	120	120	NA	NA
POST GRADUATE	MCA	MASTER OF COMPUTER APPLICATIONS	NOT APPLICABLE	30	30	NA	NA

Approved New Course(s)

@ : The Intake and Course for the AY 2022 - 23 shall be as per PCI / CoA respectively.

To conduct following Dual/Integrated Courses with the Intake indicated below for the Academic Year 2022-23

Level	Program	Course	Affiliating Body (Univ/Body)	Intake Approved for 2021-22	Intake Approved for 2022-23
Integrated	MANAGEMENT	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED)	NOT APPLICABLE	60	60

It is mandatory to comply with all the essential requirements as given in APH 2022-23 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC (NCL)/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2022-23 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE beginning with the Academic Year 2022-23
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as Approval Process Handbook and provisions made in AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Pharmacy Institute: In compliance with the order dated 05.03.2020 passed by the Hon'ble Supreme Court of India in Transferred Petitions (CIVIL) No 87-101 of 2014, for the existing institutions offering courses in Pharmacy Programme, approval of Pharmacy Council of India (PCI) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per the respective regulatory body (PCI). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by PCI, the approval of PCI shall prevail.

Architecture Institute: In compliance with the order dated 08.11.2019 passed by the Hon'ble Supreme Court of India CA No.364/ 2005, for the existing Institutions offering Courses in Architecture Programme, approval by the Council of Architecture (CoA) is mandatory and AICTE approval is NOT required. The requirements for running the Programme (Diploma / UG / PG) such as Land & Build-up Area, Student-faculty ratio, Intake etc. will be as per respective regulatory body (CoA). In case of any inconsistency in the course name and intake for EoA issued by AICTE and the approval by CoA, the approval of CoA shall prevail.

Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870/2017.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Haryana
2. **The Registrar****,
Lingayas University, Faridabad
3. **The Principal / Director**,
LINGAYA'S VIDYAPEETH
Nachauli, Jasana Road, Old Faridabad,
Faridabad, Faridabad,
Haryana, 121002
4. **The Secretary / Chairman**,
D-139, FREEDOM FIGHTERS ENCLAVE, NEW DELHI, 110068
DELHI, SOUTH DELHI
Delhi, 110068
5. **The Regional Officer**,
All India Council for Technical Education
Plot No. 1A, 5th Floor, DTE(Pb..) Building,
Dakshin Mark, Sector 36-A, Chandigarh-160 036
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

This is a computer generated Statement. No signature Required

POLICY AND PROCEDURES TO MAINTAIN AND UTILIZE PHYSICAL AND ACADEMIC SUPPORT FACILITIES IN THE CAMPUS

- The Lingaya's Vidyapeeth has a defined process, procedures and monitoring mechanisms to ensure proper maintenance and utilization of infrastructure, library, sports, laboratories, classrooms, seminar halls, auditoriums, lifts and other service installations.
- The academic requirements in classrooms, laboratories and other infrastructural resources are identified at the start of each semester. The Labs catering to the needs are provided with advanced computers with LAN and Internet with Wi-Fi access. All repair, maintenance and upkeeps of labs are maintained by their lab in-charges/technical support. Maintenance work is undertaken during weekend on the basis of periodical report.
- Library: library has a good collection of Text Books, Reference Books, journals, magazines, etc. A provision of the budget for the library maintenance is made by the management. Faculty recommends the desired titles to the library and are procured from time to time. In addition, the library at Departmental level fulfil the specific needs of students and teachers.
- Transport: The University has a transport facility managed by administration to ensure the buses, vans, ambulances and cars are maintained properly efficiently. Ambulance is available in the campus 24 X 7 for students and faculty to meet any emergency.
- Work Shops: Periodic report on requirement of repairs and maintenance in Workshop are raised by the departments and forwarded to Administration office for compliance.
- Sports Complex: • Various sports facilities are available and being used regularly for competitions practice. The indoor and outdoor game are facilities regularly monitored and reports are submitted to Manager administration for its upkeep, repairs and maintenance.
- Computers: An IT cell headed by a senior member to oversee the procurement, maintenance, repairs and replacement of digitalized systems like computers, laptops, projectors, audio -visual devices etc.

There are adequate number of the latest configuration computers with internet connections, Wi-Fi facility, connected through LAN and the utility software's installed in administrative offices, department laboratories, library etc. Hi-Tech Surveillance System with HD cameras along with day/night facility recording in a control room and maintained by IT.

- **Classrooms:** An emphasizes on quality class room with all the basic facilities like fans, lights, proper furniture and ventilation etc along with separate girls' and boys' common room and medical centre. An impressive air-conditioned auditorium 1500 capacity managed by Manager Administration boosts for academic functions and cultural events. All classrooms are cleaned on regular basis by housekeeping department. The supervisors of the building are also responsible for the maintenance of the buildings and physical facilities.
- **Electrical Maintenance:** • A department for monitoring the power distribution system. 11 KVA substation, Gensets 720KVA, solar panel 250KW etc. are undertaken as per the maintenance schedule.
- **Banking/ATM facility and services • Cafeteria facility • Books and Stationary facilities, Reprographic services etc.**

Examination Reforms and Automation

The current status of automation related to examination activities for faculties and students is as follows:

S. No.	Description	Status
1.	Enrolment of students	Online/ Offline
2.	Registration of courses	Online/ Offline
3.	Uploading of question bank	Digital
4.	Information regarding examination schedule to students	Online
5.	Uploading of Continuous Assessment, Mid- and End- Semester Examinations marks	Online
6.	Display of Continuous Assessment and Mid-Semester Examination marks in student's login (Engineering & Technology and Vocational etc.) through LMS	Online
7.	Generation of admit cards	Online
8.	Generation of verification cards	Online/ Offline
9.	Declaration of results	Online
10.	Payment of fees for re-evaluation, improvement exam, backlog papers, etc.	Online/ Offline
11.	Grievance redressal	Online/ Offline

INFRASTRUCTURE REPORT OF LINGAYA'S VIDYAPEETH

1. Introduction Lingaya's Vidyapeeth is located in Faridabad at Nachauli on Old Faridabad-Jasana Road. The university's sprawling campus, set amidst green pastures, provides a pollution-free environment that is conducive to both academic and recreational activities. The total built-up area of the university is over 97,500 sqm, with an additional 14,309 sqm in various stages of construction. This report aims to provide an in-depth look at the various infrastructural facilities that make Lingaya's Vidyapeeth a modern educational institution.

2. Academic Infrastructure The university boasts state-of-the-art academic facilities spread across its well-designed academic blocks. These blocks are equipped with air-conditioned lecture halls, tutorial rooms, seminar halls, and faculty offices that facilitate interactive learning and research.

Lecture Halls and Seminar Rooms

The classrooms and seminar halls are equipped with modern teaching aids, such as LCD projectors, smartboards, and sound systems, to ensure that lectures, presentations, and seminars are of the highest quality. With spacious seating arrangements, the classrooms encourage student participation and are well-ventilated to maintain a conducive learning environment.

Laboratories and Workshops

To support practical learning, the university has a series of well-furnished laboratories and workshops for students enrolled in science, engineering, and technology courses. These include specialized labs for fields such as Mechanical, Electrical, Civil, and Computer Engineering. The labs are equipped with the latest machinery and technology, allowing students to gain hands-on experience in real-world scenarios.

3. Library Facilities The central library at Lingaya's Vidyapeeth serves as an essential academic resource for both students and faculty members. With a vast collection of over 150 national and international journals and more than 1.7 million online documents

through databases such as IEEE, ScienceDirect, and DELNET, the library provides ample resources for research and academic exploration.

Physical and Digital Resources

In addition to books, the library offers a comprehensive collection of e-resources that support the academic programs across all disciplines. The reading areas are spacious and designed to foster a quiet, comfortable atmosphere for learning. The library's digital section ensures access to a wide array of online academic content.

4. Computing and IT Infrastructure The university's computing facility serves as a central hub for students and staff requiring access to computing resources. The facility is air-conditioned and houses high-performance computers with updated software required for various academic programs. The 24/7 Wi-Fi network across the campus ensures seamless internet access for all students and faculty, supported by a fibre-optic-based network backbone.

Data Security and IT Support

To maintain data security and operational efficiency, the university has dedicated IT support to handle any technical challenges. All academic and administrative buildings are connected through a secure local area network (LAN), ensuring high-speed connectivity for both academic work and administrative operations.

5. Residential Facilities Lingaya's Vidyapeeth provides on-campus hostel facilities for both male and female students, designed to offer a comfortable living environment with all necessary amenities.

Hostel Infrastructure

The air-conditioned and non-air-conditioned hostels are equipped with Plasma TVs, common rooms, guest rooms, and 24-hour hot water facilities. The hostels have round-the-clock power backup, a gymnasium, and Wi-Fi connectivity. The boy's hostel even includes a swimming pool, offering students recreational opportunities in their free time.

Mess and Cafeteria

The campus includes a large cafeteria that serves both vegetarian and non-vegetarian meals, catering to students' diverse dietary preferences. The mess facility is air-cooled and ensures hygienic preparation and service of nutritious food, contributing to the overall well-being of the students.

6. Sports and Recreational Facilities The university promotes a healthy lifestyle by offering a variety of sports and recreational facilities, including indoor and outdoor play areas.

Playgrounds and Gymnasium

The campus includes several well-maintained sports grounds where students can engage in sports like football, cricket, basketball, and tennis. A fully equipped gymnasium is also available, with modern fitness equipment and professional trainers for students who wish to maintain their physical fitness.

Student Activity Centre

The student activity centre serves as a hub for extracurricular and co-curricular activities. It hosts various clubs and societies, offering students a platform to showcase their talents in fields such as performing arts, literature, and debate.

7. Auditorium and Conference Facilities Lingaya's Vidyapeeth is home to an air-conditioned auditorium with a large seating capacity, making it an ideal venue for large-scale events such as conferences, cultural programs, and seminars.

Seminar Halls

Equipped with the latest projection and sound systems, the seminar halls provide a platform for academic discussions, paper presentations, and guest lectures. These halls are often used for conferences and workshops that help broaden students' exposure to industry experts and academic leaders.

8. Transportation Facilities For students and faculty commuting from various locations in the National Capital Region (NCR), the university offers a well-organized transportation service.

Bus Services

The air-conditioned buses cover major locations in Faridabad, Delhi, and NCR, ensuring a comfortable and safe commute for students and staff. The transportation service is well-coordinated to match class schedules, making it a reliable and convenient option for students living off-campus.

9. Medical and Emergency Services Lingaya's Vidyapeeth ensures the health and safety of its students by providing a 24/7 medical facility on campus. A qualified medical officer is always available to handle routine medical check-ups and emergencies. In case of more serious medical issues, the campus has an ambulance on standby for immediate evacuation to the nearest hospital.

Sickbay and First-Aid

The sickbay, located in the hostel area, provides basic first-aid and medical care to students. The medical room is well-equipped and maintained, ensuring that students have access to immediate healthcare when required.

10. Environmental and Sustainable Initiatives The green, pollution-free environment of Lingaya's Vidyapeeth is one of its defining features. The university has implemented several sustainable initiatives to maintain the ecological balance on campus.

Energy Conservation and Waste Management

Solar panels are used to supplement the energy requirements of certain areas on campus, and rainwater harvesting systems have been installed to conserve water. Waste segregation practices are encouraged, and there are dedicated disposal systems for hazardous materials, ensuring that the campus remains eco-friendly.

The infrastructure at Lingaya's Vidyapeeth is designed to support the holistic development of its students, from academic learning to physical well-being and extracurricular engagement. With its state-of-the-art facilities and commitment to sustainable growth, the university stands out as a premier institution offering a comprehensive educational experience. The campus, with its modern infrastructure and diverse facilities, provides a conducive environment for learning, innovation, and personal growth.

SCHOLARSHIPS & POLICY

NO. OF STUDENTS BENEFITED : 4147
SCHOLARSHIP AMOUNT : Rs.3,05,14,755/-

LINGAYAS MERITORIOUS SCHOLARSHIP PROGRAM

(Undergraduate & Postgraduate Programs Only)

[Financial Scholarship on limited seats; Academic Advantage]

OBJECTIVES

- To support the education of deserving students and encourage them to pursue professional & Technical courses. Lingaya's Vidyapeeth provides Scholarship or tuition fee waiver to meritorious/ deserving students.
- It acts as a reward and motivates the deserving candidates to further fulfill their dreams.

1. Scholarship slabs: The scholarship slabs or tuition fee waiver given to students, basis the scores received in their last Course/Result.

Percentage Scored in Last Course	Scholarship Slab
Candidates scores between 60% to 70 %	15% scholarship on tuition fee 1 st year
Candidates scores between 71% to 80 %	30% scholarship on tuition fee 1 st year
Candidates scores between 81% or above	50% scholarship on tuition fee 1 st year

2.Sports Scholarship

A 10% waiver in tuition fee will be given to the students who have participated in State/National/International Level Games. (Applicable for only general education stream)

3.Alumni Scholarship

The students of Lingaya's Vidyapeeth, after qualifying 10+2 / degree/diploma will be provided scholarship equivalent to 15% of the tuition fee for the 1st year of the course for pursuing his/her second degree from Lingaya's Vidyapeeth.

4.Alumni Recommendation (immediate family)

A 15% waiver in tuition fee in all the courses for the 1st year of the courses will be given to candidates recommended by our alumni. (Only applicable for blood relation)

5.Alumni Recommendation (others)

A 10% waiver in tuition fee in all the courses for the 1st year of the course will be given to candidates recommended by our alumni. (Only applicable for candidates other than blood relation).

6.Faculty/staff Scholarship (Blood relation/Ward)

A 25% waiver in tuition fee in all the courses for 1st year of the course will be given to candidates recommended by our alumni. (Only applicable for wards/blood relation of Lingaya's).

7. For Girl Student who is a single Child 25% tuition fee waiver in all the courses for 1st year of the tuition fee and having 50% to 60% or more marks in the qualifying examination are eligible for scholarship will be given to candidates (not recommended but suggested)

B.Tech (Lateral Entry to 2nd Year)

Students coming from the Government/ Government aided institutions and having 65% or more marks in the qualifying examination are eligible for scholarship of 25% in tuition fee of 1st year. However, the first year students are required to pay one time charges during admission

BASIC ELIGIBILITY CRITERIA

1. At least have a score of 60% in Qualifying Examination minimum.
2. Student should not have any backlog/compartments/Re in any subject in 12th class.
3. Scholarship will be given only after the deposition of annual/semester fees.(as per rules)
4. Scholarship will be applicable on tuition fees for 1st year only.
5. Student should not be the part of any unethical activity directly or indirectly.
6. Scholarship is a benefit given to students by Lingaya's Vidyapeeth as a privilege and not as right it, can be amended or withdrawn without any prior notice.

Note:

- Above mentioned scholarships are not applicable for School of Pharmacy and Ph.D. admissions. However, in case of School of Pharmacy only Alumni reference scholarship can be only considered up to a maximum of 10% on tuition

fees. Scholarship shall be given for 1st year only, subject to fulfilment of the conditions mentioned in the undertaking.

- **Only one scholarship can be availed at a time.**

Employee benefit:

- It is always better to upgrade your knowledge/qualification any staff upgrading their qualification should take prior permission from HR department and for upgrading your knowledge/qualification upto Rs. 9000/- per annum fee would be reimbursed by the organization. But if the employee leave the organization within 2 years the same will be recovered from his/her full/final settlement.
- Any employee upgrading any courses from any institution of Lingaya's Vidyapeeth group can make the payment of course fee from their monthly salary fees paid will be reimbursed this is subject to employees continuous services with organization at least for 1 year after receiving the reimbursed amount.
- Incase wards of staff is studding in the academy they are entitled for 25% scholarship in tuition fee only in 1st year and fee to be paid month wise out of salary.

ACADEMIC CALENDAR

Lingaya's Vidyapeeth, Faridabad															
Academic Calendar For ODD Semester: 2022-23, 1st Semester															
Date	Day	Events	Date	Day	Events	Date	Day	Events	Date	Day	Events	Date	Day	Events	
September, 2022			October, 2022			November, 2022			December, 2022			January, 2023			
1-Sep-22	--	--	1-Oct-22	Sat	Weekly Off	1-Nov-22	Tue	Day 28	1-Dec-22	Thu	Day 49	1-Jan-23	Sun	Weekly Off	
2-Sep-22	Fri	Induction Programmes	2-Oct-22	Sun	Gandhi Jayanti	2-Nov-22	Wed	Day 29 (Review of Course Status)	2-Dec-22	Fri	Day 50	2-Jan-23	Mon	Day 71	
3-Sep-22	Sat		3-Oct-22	Mon	Day 11	3-Nov-22	Thu	Day 30	3-Dec-22	Sat	Weekly Off	3-Jan-23	Tue	Day 72	
4-Sep-22	Sun		4-Oct-22	Tue	Day 12	4-Nov-22	Fri	Day 31 (Attendance Review/ Students Counseling)	4-Dec-22	Sun	Weekly Off	4-Jan-23	Wed	Day 73	
5-Sep-22	Mon		5-Oct-22	Wed	Diwali (Holiday)	5-Nov-22	Sat	Weekly Off	5-Dec-22	Mon	Day 51	5-Jan-23	Thu	Day 74	
6-Sep-22	Tue		6-Oct-22	Thu	Day 13	6-Nov-22	Sun	Weekly Off	6-Dec-22	Tue	Day 52	6-Jan-23	Fri	Day 75 (Attendance Finalization Cutoff)	
7-Sep-22	Wed		7-Oct-22	Fri	Day 14	7-Nov-22	Mon	Day 32	7-Dec-22	Wed	Day 53	7-Jan-23	Sat	Weekly Off	
8-Sep-22	Thu		8-Oct-22	Sat	Academic Work*	8-Nov-22	Tue	Guru Nanak Jayanti (Holiday)	8-Dec-22	Thu	Day 54	8-Jan-23	Sun	Weekly Off	
9-Sep-22	Fri		9-Oct-22	Sun	Weekly Off	9-Nov-22	Wed	Day 33	9-Dec-22	Fri	Day 55 (Feedback on Mid Sem Answer Scripts)	9-Jan-23	Mon	Day 76 (Preparing End semester Exam datesheet & Upload on ERP)	
10-Sep-22	Sat		10-Oct-22	Mon	Day 15 (Attendance Review/ Students)	10-Nov-22	Thu	Day 34	10-Dec-22	Sat	Academic Work*	10-Jan-23	Tue	Day 77	
11-Sep-22	Sun		11-Oct-22	Tue	Day 16	11-Nov-22	Fri	Day 35	11-Dec-22	Sun	Weekly Off	11-Jan-23	Wed	Day 78 (End of Academic Instruction & Display of Detention List)	
12-Sep-22	Mon	12-Oct-22	Wed	Day 17	12-Nov-22	Sat	Academic Work*	12-Dec-22	Mon	Day 56	12-Jan-23	Thu	Preparatory Leaves		
13-Sep-22	Tue	13-Oct-22	Thu	Day 18	13-Nov-22	Sun	Weekly Off	13-Dec-22	Tue	Day 57	13-Jan-23	Fri			
14-Sep-22	Wed	14-Oct-22	Fri	Day 19	14-Nov-22	Mon	Day 36 (Submission of Mid Sem Question Papers)	14-Dec-22	Wed	Day 58 (Review of Course Status)	14-Jan-23	Sat	Preparatory Leaves		
15-Sep-22	Thu	15-Oct-22	Sat	Weekly Off	15-Nov-22	Tue	Day 37	15-Dec-22	Thu	Day 59	15-Jan-23	Sun			
16-Sep-22	Fri	16-Oct-22	Sun	Weekly Off	16-Nov-22	Wed	Day 38	16-Dec-22	Fri	Day 60 (Attendance Review/ Students Counseling)	16-Jan-23	Mon	Preparatory Leaves		
17-Sep-22	Sat	Orientation Day	17-Oct-22	Mon	Day 20	17-Nov-22	Thu	Day 39	17-Dec-22	Sat	Weekly Off	17-Jan-23	Tue	End Semester Exams (Practical)	
18-Sep-22	Sun	Weekly Off	18-Oct-22	Tue	Day 21	18-Nov-22	Fri	Day 40	18-Dec-22	Sun	Weekly Off	18-Jan-23	Wed		
19-Sep-22	Mon	Day 1	19-Oct-22	Wed	Day 22	19-Nov-22	Sat	Weekly Off	19-Dec-22	Mon	Day 61	19-Jan-23	Thu		
20-Sep-22	Tue	Day 2	20-Oct-22	Thu	Day 23	20-Nov-22	Sun	Weekly Off	20-Dec-22	Tue	Day 62	20-Jan-23	Fri		
21-Sep-22	Wed	Day 3	21-Oct-22	Fri	Day 24	21-Nov-22	Mon	Day 41 (Mid Semester Exam)	21-Dec-22	Wed	Day 63	21-Jan-23	Sat		Weekly Off
22-Sep-22	Thu	Day 4	22-Oct-22	Sat	Academic Work*	22-Nov-22	Tue	Day 42 (Mid Semester Exam)	22-Dec-22	Thu	Day 64	22-Jan-23	Sun		Weekly Off
23-Sep-22	Fri	Day 5	23-Oct-22	Sun	Weekly Off	23-Nov-22	Wed	Day 43 (Mid Semester Exam)	23-Dec-22	Fri	Day 65	23-Jan-23	Mon		End Semester Exams (Theory)
24-Sep-22	Sat	Academic Work*	24-Oct-22	Mon	Day 25	24-Nov-22	Thu	Day 44 (Mid Semester Exam)	24-Dec-22	Sat	Academic Work*	24-Jan-23	Tue		
25-Sep-22	Sun	Weekly Off	25-Oct-22	Tue	Diwali Break (Holidays)	25-Nov-22	Fri	Day 45 (Mid Semester Exam)	25-Dec-22	Sun	Weekly Off	25-Jan-23	Wed		
26-Sep-22	Mon	Day 6	26-Oct-22	Wed	Day 26	26-Nov-22	Sat	Academic Work*	26-Dec-22	Mon	Day 66	26-Jan-23	Thu		
27-Sep-22	Tue	Day 7	27-Oct-22	Thu	Day 25	27-Nov-22	Sun	Weekly Off	27-Dec-22	Tue	Day 67	27-Jan-23	Fri		
28-Sep-22	Wed	Day 8	28-Oct-22	Fri	Day 26	28-Nov-22	Mon	Day 46	28-Dec-22	Wed	Day 68	28-Jan-23	Sat		
29-Sep-22	Thu	Day 9	29-Oct-22	Sat	Weekly Off	29-Nov-22	Tue	Day 47	29-Dec-22	Thu	Day 69	29-Jan-23	Sun	Weekly Off	
30-Sep-22	Fri	Day 10 (Display of Attendance till date on Notice Boards)	30-Oct-22	Sun	Weekly Off	30-Nov-22	Wed	Day 48 (Display of Attendance till date on Notice Boards)	30-Dec-22	Fri	Day 70 (Display of Attendance till date on Notice Boards)	30-Jan-23	Mon	End Semester Exam (Theory)	
			31-Oct-22	Mon	Day 27 (Display of Attendance till date on Notice Boards)				31-Dec-22	Sat	Weekly Off	31-Jan-23	Tue	End Semester Exam (Theory)	
February, 2023															
			1-Feb-23	Wed										End Semester Exam (Theory)	
			2-Feb-23	Thu											
			3-Feb-23	Fri											
			4-Feb-23	Sat											
			5-Feb-23	Sun											
			02 Feb 22 to 11 Feb 22	Mon to Sat										Registration & Commencement of Even Semester Classes	
Academic Work*:- Planning for Events/ Guest Lecture/ Industrial Visit/ Academic Activities/ Presentation work															
Registrations Window Open from 29th September to 10th October 2022															

LINGAYAS VIDYAPEETH FARIDABAD											
DURATION OF SEMESTER - Higher Semester UG and PG (19 Sep 2022 to 15 Jan 2022)											
S No	Month	Teaching days	Academic work days	Preparatory Holidays	Examination	Total Academic days	Festival Holidays	off Saturdays	Sundays	Total Days in Semester	
1	Sep-22	10	1			11	0	0	1	12	
2	Oct-22	17	2			19	4	3	5	31	
3	Nov-22	17	2		4	23	1	2	4	30	
4	Dec-22	22	2			24	0	3	4	31	
5	Jan-22	8	1	3		12	0	1	3	16	
	TOTAL	74	8	3	4	89	5	9	17	120	

Academic Days

TOTAL DAYS IN THE SEMESTER

LINGAYA'S VIDYAPEETH FARIDABAD														
Semester Calendar For 08th Semester - 2022-23 Higher Semester - Faridabad														
Date	Day	Event	Date	Day	Event	Date	Day	Event	Date	Day	Event	Date	Day	Event
1-Aug-22	Mon	08th Semester Registration	1-Aug-22	Fri	Day 16	1-Aug-22	Sat	Weekly Off	1-Aug-22	Fri	Day 16	1-Aug-22	Fri	Day 16
2-Aug-22	Tue		2-Aug-22	Sat	Day 17	2-Aug-22	Sun	Weekly Off (Holidays)	2-Aug-22	Sat	Day 17	2-Aug-22	Fri	Day 17
3-Aug-22	Wed		3-Aug-22	Sun	Weekly Off	3-Aug-22	Mon	Day 18	3-Aug-22	Sat	Day 17	3-Aug-22	Fri	Day 17
4-Aug-22	Thu		4-Aug-22	Tue	Day 18	4-Aug-22	Wed	Day 19	4-Aug-22	Fri	Day 18	4-Aug-22	Fri	Day 18
5-Aug-22	Fri		5-Aug-22	Wed	Day 19	5-Aug-22	Thu	Day 20	5-Aug-22	Sat	Day 19	5-Aug-22	Fri	Day 19
6-Aug-22	Sat		6-Aug-22	Thu	Day 20	6-Aug-22	Fri	Day 21	6-Aug-22	Sun	Day 20	6-Aug-22	Fri	Day 20
7-Aug-22	Sun		7-Aug-22	Fri	Day 21	7-Aug-22	Sat	Day 22	7-Aug-22	Mon	Day 21	7-Aug-22	Fri	Day 21
8-Aug-22	Mon	Day 1 (Registration & Class Commencement)	8-Aug-22	Sat	Day 22	8-Aug-22	Sun	Day 23	8-Aug-22	Tue	Day 22	8-Aug-22	Fri	Day 22
9-Aug-22	Tue	Day 2	9-Aug-22	Mon	Day 23	9-Aug-22	Tue	Day 24	9-Aug-22	Wed	Day 23	9-Aug-22	Fri	Day 23
10-Aug-22	Wed	Day 3	10-Aug-22	Tue	Day 24	10-Aug-22	Wed	Day 25	10-Aug-22	Thu	Day 24	10-Aug-22	Fri	Day 24
11-Aug-22	Thu	Day 4	11-Aug-22	Wed	Day 25	11-Aug-22	Thu	Day 26	11-Aug-22	Fri	Day 25	11-Aug-22	Fri	Day 25
12-Aug-22	Fri	Day 5	12-Aug-22	Thu	Day 26	12-Aug-22	Fri	Day 27	12-Aug-22	Sat	Day 26	12-Aug-22	Fri	Day 26
13-Aug-22	Sat	Day 6	13-Aug-22	Fri	Day 27	13-Aug-22	Sat	Day 28	13-Aug-22	Sun	Day 27	13-Aug-22	Fri	Day 27
14-Aug-22	Sun	Day 7	14-Aug-22	Sat	Day 28	14-Aug-22	Mon	Day 29	14-Aug-22	Tue	Day 28	14-Aug-22	Fri	Day 28
15-Aug-22	Mon	Day 8	15-Aug-22	Sun	Day 29	15-Aug-22	Mon	Day 30	15-Aug-22	Tue	Day 29	15-Aug-22	Fri	Day 29
16-Aug-22	Tue	Day 9	16-Aug-22	Mon	Day 30	16-Aug-22	Tue	Day 31	16-Aug-22	Wed	Day 30	16-Aug-22	Fri	Day 30
17-Aug-22	Wed	Day 10	17-Aug-22	Tue	Day 31	17-Aug-22	Wed	Day 32	17-Aug-22	Thu	Day 31	17-Aug-22	Fri	Day 31
18-Aug-22	Thu	Day 11	18-Aug-22	Wed	Day 32	18-Aug-22	Thu	Day 33	18-Aug-22	Fri	Day 32	18-Aug-22	Fri	Day 32
19-Aug-22	Fri	Day 12	19-Aug-22	Thu	Day 33	19-Aug-22	Fri	Day 34	19-Aug-22	Sat	Day 33	19-Aug-22	Fri	Day 33
20-Aug-22	Sat	Day 13	20-Aug-22	Fri	Day 34	20-Aug-22	Sat	Day 35	20-Aug-22	Sun	Day 34	20-Aug-22	Fri	Day 34
21-Aug-22	Sun	Day 14	21-Aug-22	Sat	Day 35	21-Aug-22	Mon	Day 36	21-Aug-22	Tue	Day 35	21-Aug-22	Fri	Day 35
22-Aug-22	Mon	Day 15	22-Aug-22	Sun	Day 36	22-Aug-22	Mon	Day 37	22-Aug-22	Tue	Day 36	22-Aug-22	Fri	Day 36
23-Aug-22	Tue	Day 16	23-Aug-22	Mon	Day 37	23-Aug-22	Tue	Day 38	23-Aug-22	Wed	Day 37	23-Aug-22	Fri	Day 37
24-Aug-22	Wed	Day 17	24-Aug-22	Tue	Day 38	24-Aug-22	Wed	Day 39	24-Aug-22	Thu	Day 38	24-Aug-22	Fri	Day 38
25-Aug-22	Thu	Day 18	25-Aug-22	Wed	Day 39	25-Aug-22	Thu	Day 40	25-Aug-22	Fri	Day 39	25-Aug-22	Fri	Day 39
26-Aug-22	Fri	Day 19	26-Aug-22	Thu	Day 40	26-Aug-22	Fri	Day 41	26-Aug-22	Sat	Day 40	26-Aug-22	Fri	Day 40
27-Aug-22	Sat	Day 20	27-Aug-22	Fri	Day 41	27-Aug-22	Sat	Day 42	27-Aug-22	Sun	Day 41	27-Aug-22	Fri	Day 41
28-Aug-22	Sun	Day 21	28-Aug-22	Sat	Day 42	28-Aug-22	Mon	Day 43	28-Aug-22	Tue	Day 42	28-Aug-22	Fri	Day 42
29-Aug-22	Mon	Day 22	29-Aug-22	Sun	Day 43	29-Aug-22	Mon	Day 44	29-Aug-22	Tue	Day 43	29-Aug-22	Fri	Day 43
30-Aug-22	Tue	Day 23	30-Aug-22	Mon	Day 44	30-Aug-22	Tue	Day 45	30-Aug-22	Wed	Day 44	30-Aug-22	Fri	Day 44
31-Aug-22	Wed	Day 24	31-Aug-22	Tue	Day 45	31-Aug-22	Wed	Day 46	31-Aug-22	Thu	Day 45	31-Aug-22	Fri	Day 45
1-Sep-22	Thu	Day 25	1-Sep-22	Wed	Day 46	1-Sep-22	Thu	Day 47	1-Sep-22	Fri	Day 46	1-Sep-22	Fri	Day 46
2-Sep-22	Fri	Day 26	2-Sep-22	Thu	Day 47	2-Sep-22	Fri	Day 48	2-Sep-22	Sat	Day 47	2-Sep-22	Fri	Day 47
3-Sep-22	Sat	Day 27	3-Sep-22	Fri	Day 48	3-Sep-22	Sat	Day 49	3-Sep-22	Sun	Day 48	3-Sep-22	Fri	Day 48
4-Sep-22	Sun	Day 28	4-Sep-22	Sat	Day 49	4-Sep-22	Mon	Day 50	4-Sep-22	Tue	Day 49	4-Sep-22	Fri	Day 49
5-Sep-22	Mon	Day 29	5-Sep-22	Sun	Day 50	5-Sep-22	Mon	Day 51	5-Sep-22	Tue	Day 50	5-Sep-22	Fri	Day 50
6-Sep-22	Tue	Day 30	6-Sep-22	Mon	Day 51	6-Sep-22	Tue	Day 52	6-Sep-22	Wed	Day 51	6-Sep-22	Fri	Day 51
7-Sep-22	Wed	Day 31	7-Sep-22	Tue	Day 52	7-Sep-22	Wed	Day 53	7-Sep-22	Thu	Day 52	7-Sep-22	Fri	Day 52
8-Sep-22	Thu	Day 32	8-Sep-22	Wed	Day 53	8-Sep-22	Thu	Day 54	8-Sep-22	Fri	Day 53	8-Sep-22	Fri	Day 53
9-Sep-22	Fri	Day 33	9-Sep-22	Thu	Day 54	9-Sep-22	Fri	Day 55	9-Sep-22	Sat	Day 54	9-Sep-22	Fri	Day 54
10-Sep-22	Sat	Day 34	10-Sep-22	Fri	Day 55	10-Sep-22	Sat	Day 56	10-Sep-22	Sun	Day 55	10-Sep-22	Fri	Day 55
11-Sep-22	Sun	Day 35	11-Sep-22	Sat	Day 56	11-Sep-22	Mon	Day 57	11-Sep-22	Tue	Day 56	11-Sep-22	Fri	Day 56
12-Sep-22	Mon	Day 36	12-Sep-22	Sun	Day 57	12-Sep-22	Mon	Day 58	12-Sep-22	Tue	Day 57	12-Sep-22	Fri	Day 57
13-Sep-22	Tue	Day 37	13-Sep-22	Mon	Day 58	13-Sep-22	Tue	Day 59	13-Sep-22	Wed	Day 58	13-Sep-22	Fri	Day 58
14-Sep-22	Wed	Day 38	14-Sep-22	Tue	Day 59	14-Sep-22	Wed	Day 60	14-Sep-22	Thu	Day 59	14-Sep-22	Fri	Day 59
15-Sep-22	Thu	Day 39	15-Sep-22	Wed	Day 60	15-Sep-22	Thu	Day 61	15-Sep-22	Fri	Day 60	15-Sep-22	Fri	Day 60
16-Sep-22	Fri	Day 40	16-Sep-22	Thu	Day 61	16-Sep-22	Fri	Day 62	16-Sep-22	Sat	Day 61	16-Sep-22	Fri	Day 61
17-Sep-22	Sat	Day 41	17-Sep-22	Fri	Day 62	17-Sep-22	Sat	Day 63	17-Sep-22	Sun	Day 62	17-Sep-22	Fri	Day 62
18-Sep-22	Sun	Day 42	18-Sep-22	Sat	Day 63	18-Sep-22	Mon	Day 64	18-Sep-22	Tue	Day 63	18-Sep-22	Fri	Day 63
19-Sep-22	Mon	Day 43	19-Sep-22	Sun	Day 64	19-Sep-22	Mon	Day 65	19-Sep-22	Tue	Day 64	19-Sep-22	Fri	Day 64
20-Sep-22	Tue	Day 44	20-Sep-22	Mon	Day 65	20-Sep-22	Tue	Day 66	20-Sep-22	Wed	Day 65	20-Sep-22	Fri	Day 65
21-Sep-22	Wed	Day 45	21-Sep-22	Tue	Day 66	21-Sep-22	Wed	Day 67	21-Sep-22	Thu	Day 66	21-Sep-22	Fri	Day 66
22-Sep-22	Thu	Day 46	22-Sep-22	Wed	Day 67	22-Sep-22	Thu	Day 68	22-Sep-22	Fri	Day 67	22-Sep-22	Fri	Day 67
23-Sep-22	Fri	Day 47	23-Sep-22	Thu	Day 68	23-Sep-22	Fri	Day 69	23-Sep-22	Sat	Day 68	23-Sep-22	Fri	Day 68
24-Sep-22	Sat	Day 48	24-Sep-22	Fri	Day 69	24-Sep-22	Sat	Day 70	24-Sep-22	Sun	Day 69	24-Sep-22	Fri	Day 69
25-Sep-22	Sun	Day 49	25-Sep-22	Sat	Day 70	25-Sep-22	Mon	Day 71	25-Sep-22	Tue	Day 70	25-Sep-22	Fri	Day 70
26-Sep-22	Mon	Day 50	26-Sep-22	Sun	Day 71	26-Sep-22	Mon	Day 72	26-Sep-22	Tue	Day 71	26-Sep-22	Fri	Day 71
27-Sep-22	Tue	Day 51	27-Sep-22	Mon	Day 72	27-Sep-22	Tue	Day 73	27-Sep-22	Wed	Day 72	27-Sep-22	Fri	Day 72
28-Sep-22	Wed	Day 52	28-Sep-22	Tue	Day 73	28-Sep-22	Wed	Day 74	28-Sep-22	Thu	Day 73	28-Sep-22	Fri	Day 73
29-Sep-22	Thu	Day 53	29-Sep-22	Wed	Day 74	29-Sep-22	Thu	Day 75	29-Sep-22	Fri	Day 74	29-Sep-22	Fri	Day 74
30-Sep-22	Fri	Day 54	30-Sep-22	Thu	Day 75	30-Sep-22	Fri	Day 76	30-Sep-22	Sat	Day 75	30-Sep-22	Fri	Day 75
1-Oct-22	Sat	Day 55	1-Oct-22	Fri	Day 76	1-Oct-22	Sat	Day 77	1-Oct-22	Sun	Day 76	1-Oct-22	Fri	Day 76
2-Oct-22	Sun	Day 56	2-Oct-22	Sat	Day 77	2-Oct-22	Mon	Day 78	2-Oct-22	Tue	Day 77	2-Oct-22	Fri	Day 77
3-Oct-22	Mon	Day 57	3-Oct-22	Sun	Day 78	3-Oct-22	Mon	Day 79	3-Oct-22	Tue	Day 78	3-Oct-22	Fri	Day 78
4-Oct-22	Tue	Day 58	4-Oct-22	Mon	Day 79	4-Oct-22	Tue	Day 80	4-Oct-22	Wed	Day 79	4-Oct-22	Fri	Day 79
5-Oct-22	Wed	Day 59	5-Oct-22	Tue	Day 80	5-Oct-22	Wed	Day 81	5-Oct-22	Thu	Day 80	5-Oct-22	Fri	Day 80
6-Oct-22	Thu	Day 60	6-Oct-22	Wed	Day 81	6-Oct-22	Thu	Day 82	6-Oct-22	Fri	Day 81	6-Oct-22	Fri	Day 81
7-Oct-22	Fri	Day 61	7-Oct-22	Thu	Day 82	7-Oct-22	Fri	Day 83	7-Oct-22	Sat	Day 82	7-Oct-22	Fri	Day 82
8-Oct-22	Sat	Day 62	8-Oct-22	Fri	Day 83	8-Oct-22	Sat	Day 84	8-Oct-22	Sun	Day 83	8-Oct-22	Fri	Day 83
9-Oct-22	Sun	Day 63	9-Oct-22	Sat	Day 84	9-Oct-22	Mon	Day 85	9-Oct-22	Tue	Day 84	9-Oct-22	Fri	Day 84
10-Oct-22	Mon	Day 64	10-Oct-22	Sun	Day 85	10-Oct-22	Mon	Day 86	10-Oct-22	Tue	Day 85	10-Oct-22	Fri	Day 85
11-Oct-22	Tue	Day 65	11-Oct-22	Mon	Day 86	11-Oct-22	Tue	Day 87	11-Oct-22	Wed	Day 86	11-Oct-22	Fri	Day 86
12-Oct-22	Wed	Day 66	12-Oct-22	Tue	Day 87	12-Oct-22	Wed	Day 88	12-Oct-22	Thu	Day 87	12-Oct-22	Fri	Day 87
13-Oct-22	Thu	Day 67	13-Oct-22	Wed	Day 88	13-Oct-22	Thu	Day 89	13-Oct-22	Fri	Day 88	13-Oct-22	Fri	Day 88
14-Oct-22	Fri	Day 68	14-Oct-22	Thu	Day 89	14-Oct-22	Fri	Day 90	14-Oct-22	Sat	Day 89	14-Oct-22	Fri	Day 89
15-Oct-22	Sat	Day 69	15-Oct-22	Fri	Day 90	15-Oct-22	Sat	Day 91	15-Oct-22	Sun	Day 90	15-Oct-22	Fri	Day 90
16-Oct-22	Sun	Day 70	16-Oct-22	Sat	Day 91	16-Oct-22	Mon	Day 92	16-Oct-22	Tue	Day 91	16-Oct-22	Fri	Day 91
17-Oct-22	Mon	Day 71	17-Oct-22	Sun	Day 92	17-Oct-22	Mon	Day 93	17-Oct-22	Tue	Day 92	17-Oct-22	Fri	Day 92
18-Oct-22	Tue	Day 72	18-Oct-22	Mon	Day 93	18-Oct-22	Tue	Day 94	18-Oct-22	Wed	Day 93	18-Oct-22	Fri	Day 93
19-Oct-22	Wed	Day 73	19-Oct-22	Tue	Day 94	19-Oct-22	Wed	Day 95	19-Oct-22	Thu	Day 94	19-Oct-22	Fri	Day 94
20-Oct-22	Thu	Day 74	20-Oct-22	Wed	Day 95	20-Oct-22								

Academic Calendar of Lingaya's Vidyapeeth, 2022-2023 (Even Semester)			
Sr. No.	Description	Even Semester	Responsibility
1	Requisition of books and lab equipment, Faculty Requirement, Maintenance of Lab and Readiness of labs for Even semester 2022-23	13th January, 2023	HOD
2	Preparation of Department Teaching load for Even semester	13th January, 2023	HOD
3	Allocation of teaching load / subjects	16th January, 2023	HOD
4	Announcement of CC, course coordinator, Floor Incharge, Dept. Exam Coordinator, Time Table Incharge, Lab Incharges & ERP Coordinator	16th January, 2023	HOD
5	Finalization of Time Table / updation on website	16th January, 2023	HOD / Centralized Time Table Incharge
6	Preparation of course files & lab manuals	16th January, 2023	HOD
7	Sending Even semester scheme, list of CC, course coordinator, Floor Incharge, Dept. Exam Coordinator, Time Table Incharge, ERP Coordinator & copy of time table to Dean (Academics)	16th January, 2023	HOD
8	Course withdrawal for Final year Students	23rd-28th January, 2023	Academic Section
9	Registration opens for the Even semester 2022-23	15th-23rd January, 2023	Academic Section
10	Commencement of Classes	23rd January, 2023	HOD
11	Forwarding Roll List to HODs, Exam Cell, ERP & Account Section	24th January, 2023	Dean (Academics)
12	Verification of Student list in ERP	31st January, 2023	HOD
13	Downloading report of ERP attendance by all the departments	Last day of every month	HOD
14	Internship starts for Final year Students (If Applicable)	01 Feb, 2023	HOD/T&P
15	Submission of Monthly report of School/Department to Dean Academics	1st day of Subsequent month	HOD
16	Status of Students attendance to be displayed on the University Website/Notice board	2nd day of subsequent month	HOD
17	Review of Course file	2nd Week of February, 2023	HOD/ Dean (Academics)
18	Zest	24th & 25th February, 2023	Convenor (Cultural Activities)
19	Quiz Based Assignment - 1	01st-03rd March, 2023	HOD
20	Preparation of Mid semester examination datesheet and uploading on Website	10th March, 2023	Examination Department
21	Issue of Yellow cards & inform to the students /parents about attendance /marks through	15th March, 2023	HOD
22	Submission of Question Bank to Examination Department	15th March, 2023	HOD
23	Tech Fest	17th March, 2023	R&D Department
24	Sports days	23rd-24th March, 2023	Sports Incharge
25	Feedback of the students on teaching learning	First week of April, 2023	Dean (Academics)
26	Mid Semester Exam - I	10th-14th April, 2023	COE
27	Issue of Yellow cards & inform to the students /parents about attendance /marks through	17th April, 2023	HOD
28	Preparation of Mid semester examination - II (Pharmacy) datesheet and uploading on Website	25th April, 2023	Examination Department
29	Quiz Based Assignment - II	24th-28th April, 2023	HOD
30	Mid Semester Exam - II (Pharmacy)	08th-12 May, 2023	COE
31	Issue of Yellow cards & inform to the students /parents about attendance /marks through cc	15th May, 2023	HOD
32	Quiz Based Assignment - III	15th May, 2023	HOD
33	Preparation of End semester examination datesheet and uploading on Website	15th May, 2023	Examination Department
34	Display of Detention List due to shortage of Attendance	19th May, 2023	Dean (Academics)
35	End of Classes	26th May, 2023	
36	External Practical Exam	29-31st May, 2023	HOD/ COE
37	Preparatory Leave for End Semester Exam	01st-05th June, 2023	
38	End Semester Exams	06th-23rd June, 2023	COE
39	Summer Break	24th June-16th July, 2023	
40	Start of Next Even Semester	17th July, 2023	
41	Registration opens for the Odd semester 2023-24	17th-24th July, 2023	HOD/ Academic Section

List of Holidays

Republic Day	Thursday, 26th January, 2023
Holi	Wednesday, 08th March, 2023
Mahavir Jayanti	Tuesday, 04th April, 2023
Id-ul-Zuha (Bakrid)	Thursday, 29th June, 2023



ANNUAL FINANCIAL REPORT

LINGAYA'S VIDYAPEETH

A unit of Lingaya's Society

Financial Statement

for the financial year ended 31st March 2023

Address:

Nachauli, Jasana Road, Old Faridabad

Haryana, India

LINGAYA'S VIDYAPEETH

A unit of Lingaya's Society

2023 Financial Statement

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LINGAYA'S VIDYAPEETH*A unit of Lingaya's Society***Statement of Financial Position as at 31st March, 2023**

Particulars	Note No.	As at 31st March, 2023
Sources of Fund		
(1) Corpus and Other Fund		
(a) Reserve and Surplus	3	16,61,39,607
(2) Liabilities		
(a) Long-Term Borrowings	4	72,01,664
(b) Current Liabilities & Provisions	5	14,63,70,362
Total		31,97,11,633
Application of Fund		
(1) Non-Current Assets		
(a) Property Plant and Equipment	6	2,67,03,851
(b) Non-Current Investments	7	71,15,787
(2) Current Assets		
(a) Short-Term Loans & Advances	8	28,09,16,245
(b) Cash & Cash Equivalent	9	27,12,769
(c) Other Current Assets	10	22,62,981
Total		31,97,11,633

*The notes on pages 5 to 13 are integral part of the financial statements**As per our report of even date***For V V M A & Co.**

Chartered Accountants

ICAI Firm Registration No: 033638N


CA VISHAL VARSHNEY
Partner

MRN/549893

UDIN: 23549893B61XRwz7431 (consolidated)

Place: New Delhi

Date : 30/09/2023

*For or on Behalf of***LINGAYA'S VIDYAPEETH**Picheswar Gadde
(President)Sunita Gadde
(Secretary)

LINGAYA'S VIDYAPEETH*A unit of Lingaya's Society***Income & Expenditure Account for the year ended 31st March, 2023**

Particulars	Note No.	For the year ended 31st March, 2023
Income:		
Revenue From Operation	11	35,31,07,001
Other Income	12	1,03,50,231
Total Income		36,34,57,232
Expenditure:		
Employee Benefit Expense	13	10,78,76,131
Academic Expenses	14	15,16,00,166
Finance Costs	15	73,04,884
Depreciation and Amortization Expense	16	43,25,366
Other Expenses	17	6,31,83,506
Total Expenses		33,42,90,053
Surplus/(Deficit) for the year		2,91,67,180

The notes on pages 5 to 13 are integral part of the financial statements
As per our report of even date

For V V M A & Co.

Chartered Accountants

ICAI Firm Registration No.: 033638N

CA VISHAL VARSHNEY

Partner

MRN/549893

UDIN: 23549893B6XRWZ7431 (consolidated)

For or on Behalf of
LINGAYA'S VIDYAPEETHPicheswar Gadde
(President)Sunita Gadde
(Secretary)

Place: New Delhi

Date : 30/09/2023

LINGAYA'S VIDYAPEETH*A unit of Lingaya's Society***Notes forming part of the financial statement for the year ended March 31, 2023****1 Organization Background**

Lingaya's Vidyapeeth is a renowned educational institution dedicated to nurturing young minds and empowering them with knowledge, skills, and values. Established in the year 2010, our institution has a rich history of academic excellence and a commitment to fostering holistic development in students.

The journey of Lingaya's Vidyapeeth began with a vision to provide quality education and contribute to societal advancement by producing leaders, innovators, and responsible citizens. Over the years, we have grown into a comprehensive university, offering a wide range of undergraduate, postgraduate, and doctoral programs across various disciplines.

All amounts are in INR, unless otherwise stated

2 Significant Accounting Policies**(a) Basis of Preparation of Financial Statements:**

The financial statements have been prepared on a going concern basis under the historical cost convention, on an accrual basis, in accordance with applicable accounting standards issued by the Institute of Chartered Accountant of India (ICAI) to the extent applicable. The accounting policies have been consistently applied by the organization.

(b) Use of Estimates:

The preparation of financial statements in conformity with Indian generally accepted accounting principles requires the management to make estimates and assumptions considered in the reported amounts of assets and liabilities (including contingent liabilities) and the reported income and expenses during the year. The management believes that the estimates used in preparation of the financial statements are prudent and reasonable. Future results could differ due to these estimates and the differences between the actual results and the estimates are recognized in the years in which the results are known / materialize.

(c) Cash and Cash Equivalent:

Cash comprises cash on hand and demand deposits with banks. Cash equivalents are short-term balances (with an original maturity of three months or less from the date of acquisition), highly liquid investments that are readily convertible into known amounts of cash and which are subject to insignificant risk of changes in value.

(d) Property, Plant and Equipment:**Tangible assets**

Tangible assets, capital work in progress are stated at cost, less accumulated depreciation and impairment losses, if any. Cost comprises the purchase price, borrowing costs, if capitalization criteria are met and any cost attributable to bringing the assets to its working condition for its intended use which includes taxes, freight, and installation and allocated incidental expenditure during construction/ acquisition and inclusive Input tax credit (IGST/CGST and SGST) or other tax credit available to the Company.



LINGAYA'S VIDYAPEETH 2023

When parts of an item of tangible assets have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

Subsequent expenditure relating to tangible assets is capitalized only if such expenditure results in an increase in the future benefits from such asset beyond its previously assessed standard of performance.

Intangible Assets

An intangible asset is recognized when it is probable that the future economic benefits attributable to the asset will flow to the enterprise and where its cost can be reliably measured. Intangible assets are stated at cost of acquisition less accumulated amortization and impairment losses, if any. Cost comprises the purchase price and any cost attributable to bringing the assets to its working condition for its intended use which includes taxes, freight, and installation and allocated incidental expenditure during construction/ acquisition and inclusive of Input tax credit (IGST/CGST and SGST) or other tax credit available to the Company.

(e) Depreciation:

Depreciation is charged on the written down (WDV) value method at the rates prescribed by the Income Tax Act, 1961 and has used following WDV Rates to provide depreciation of different class of its property, plant and equipment.

Particulars	WDV Rates (%)
Books	40%
Building	10%
Computers & Peripherals	40%
Furniture & Fixture	10%
Lab Equipment	15%
Land	0%
Lifts	15%
Office Equipment	15%
Sewage Treatment Plant	15%
Sport & Musical Equipments	10%
Solar Plant	15%
Tablets	15%
Vehicle	15%

(f) Impairment of Assets:

Management periodically assesses using external and internal sources whether there is an indication that an asset may be impaired. Impairment occurs where the carrying value exceeds the present value of future cash flows expected to arise from the continuing use of the asset and its eventual disposal. The impairment loss to be expensed is determined as the excess of the carrying amount over the higher of the asset's net sales price or present value as determined above. An impairment loss is recognised in income and expenditure account. If at the balance sheet date, there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined net of depreciation or amortization, if no impairment loss has been recognized.



(g) **Revenue recognition:**

Revenue from students in various educational institutes, colleges and universities are recognized as per generally accepted accounting principle (GAAP) that identifies the specific conditions in which revenue is recognized and determines how to account for it.

(h) **Expenditure:**

Expenses are recognized in the income statement as and when the provision of services is received.

(i) **Provisions & Contingencies:**

A provision is recognized when there is a present obligation as a result of past events and it is probable that an outflow of resources will be required to settle the obligation in respect of which reliable estimate can be made. Provisions (excluding retirement benefits) are not discounted to their present value and are determined based on the best estimate required to settle the obligation at the Balance sheet date. These are reviewed at each Balance Sheet date and adjusted to reflect the current best estimates. Contingent Liabilities are disclosed in the notes. Contingent assets are not recognized or disclosed in the Financial Statements.



Notes Forming Integral Part of the Balance Sheet of Lingaya's Vidyapeeth as at 31st March, 2023

Note: 3 Reserve and Surplus

Particulars	2022-23
Balance brought forward from previous year	13,69,72,427
Add: Surplus/(Deficit) for the period	2,91,67,180
Total	16,61,39,607

Note: 4 Long-Term Borrowings

Particulars	2022-23
Secured Loans	
From Bank & Financial Institutions	24,51,664
Unsecured Loan	
From Related Parties	13,50,000
From Others	34,00,000
Total	72,01,664

Note: 5 Current Liabilities & Provisions

Particulars	2022-23
Security Deposits	15,62,297
Caution Money	3,02,96,850
Salary Payable	4,74,08,047
Duties and Taxes	11,15,047
Sundry Creditors	2,38,08,217
Interest Payable	78,45,306
Other Expense Payable	3,43,34,598
Total	14,63,70,362



Notes Forming Integral Part of the Balance Sheet of Lingaya's Vidyapeeth as at 31st March 2023
Depreciation Schedule-(As per Income Tax Act 1961)

Note: 6 Property Plant and Equipment

Particulars	Rate	Opening Balance		Addition		Deletion		Total		Depreciation		Closing Balance	
		As at 1st April 2022	As at 1st April 2021	During 2022-2023	During 2021-2022	During 2022-23	During 2021-22	As at 31 March 2023	As at 31 March 2022	During 2022-2023	During 2021-2022	As at 31 March 2023	As at 31 March 2022
Tangible Assets:													
Books	40%	2,34,818	3,42,436	1,88,622	39,305	-	-	4,23,440	3,81,741	1,69,376	1,46,923.40	2,54,064	2,34,818
Building	10%	4,34,804	4,83,115	-	-	-	-	4,34,804	4,83,115	43,480	48,311.50	3,91,323	4,34,804
Computers & Peripherals	40%	3,39,833	3,17,651	15,86,850	2,26,408	-	-	19,26,683	5,44,059	7,70,673	2,04,225.60	11,56,010	3,39,833
Furniture & Fixture	10%	9,22,075	10,04,578	16,68,920	19,950	-	-	25,90,995	10,24,528	2,59,100	1,02,452.80	23,31,896	9,22,075
Lab Equipment	15%	16,25,201	19,12,001	3,46,103	-	-	-	19,71,304	19,12,001	2,95,696	2,86,800.15	16,75,608	16,25,201
Land	0%	-	-	-	-	-	-	-	-	-	-	-	-
Lifts	15%	-	-	-	-	-	-	-	-	-	-	-	-
Office Equipment	15%	36,51,965	36,77,717	24,15,020	5,88,260	-	-	60,66,985	42,65,977	9,10,048	6,14,011.55	51,56,938	36,51,965
Sewage Treatment Plant	15%	7,90,081	9,29,507	-	-	-	-	7,90,081	9,29,507	1,18,512	1,39,426.10	6,71,569	7,90,081
Sport & Musical Equipments	10%	-	-	-	-	-	-	-	-	-	-	-	-
Solar Plant	15%	-	-	68,00,096	-	-	-	68,00,096	-	10,20,014	-	57,80,082	-
Tablets	15%	32,180	37,859	-	-	-	-	32,180	37,859	4,827	5,678.85	27,353	32,180
Vehicle	15%	12,03,808	14,16,245	35,49,455	-	-	-	47,53,263	14,16,245	7,12,989	2,12,436.75	40,40,274	12,03,808
Work in Progress-Staff Quarters	0%	51,56,785	51,56,785	-	-	-	-	51,56,785	51,56,785	-	-	51,56,785	51,56,785
Intangible Assets:													
Oral Talk Smart Version Software	25%	82,600	-	-	94,400	-	-	82,600	94,400	20,650	11,800.00	61,950	82,600
Total		1,44,74,150	1,52,77,894	1,65,55,066	9,68,323	-	-	3,10,29,217	1,62,46,217	43,25,366	17,72,067	2,67,03,851	1,44,74,150



Notes Forming Integral Part of the Balance Sheet of Lingaya's Vidyapeeth as at 31st March, 2023

Note: 7 Non-Current Investments

Particulars	2022-23
Fixed Deposits	13,00,000
Deposit with LIC	58,15,787
Total	71,15,787

Note: 8 Short-Term Loans & Advances

Particulars	2022-23
Loans & Advances:	
Related Parties	25,89,77,062
Others	2,19,39,183
Total	28,09,16,245

Note: 9 Cash & Cash Equivalents

Particulars	2022-23
Cash-in-Hand	2,04,136
Balance with Bank	25,08,633
Total	27,12,769

Note: 10 Other Current Assets

Particulars	2022-23
Accrued Interest	14,10,103
Security Deposits	5,15,860
TDS Receivables	3,14,188
Fees Receivables	-
Prepaid Expenses	17,205
Other Receivables	5,625
Total	22,62,981



Notes Forming Integral Part of the Income & Expenditure statement of Lingaya's Vidyapeeth as at 31st March, 2023

Note: 11 Revenue From Operation

Particulars	2022-23
Fees from Students	35,31,07,001
Total	35,31,07,001

Note: 12 Other Income

Particulars	2022-23
Interest Income	2,03,060
Rental Income	13,49,334
Liability Written-Off	39,66,999
Transportation Charges from Staff & Students	47,64,195
Other Receipts	66,643
Total	1,03,50,231

Note: 13 Employee Benefit Expenses

Particulars	2022-23
Manpower Cost	10,78,76,131
Total	10,78,76,131

Note: 14 Academic Expenses

Particulars	2022-23
Admission Ancillary Expense	13,73,44,238
Student Seminars & Conferences	4,14,894
Examination Expenses	30,36,446
Honorarium Expenses	3,31,440
Books & Periodicals	12,19,096
Scholarship to Students	9,05,436
Transportation Expenses	23,82,781
Meeting & Inspection Charges	2,09,772
Student Welfare Expenses	57,56,063
Total	15,16,00,166



Note: 15 Finance Costs

Particulars	2022-23
Bank Charges	2,96,593
Interest on Loan	69,89,040
Finance Charges	19,251
Total	73,04,884

Note: 16 Depreciation & Amortization Expenses

Particulars	2022-23
Depreciation and Amortisation Expenses	43,25,366
Total	43,25,366

Note: 17 Other Expenses

Particulars	2022-23
Advertisement Expenses	7,90,951
Affiliation Expenses	20,65,000
Bonus & Gifts	2,81,540
Event, Function & Festival	42,04,641
Fine & Penalty Expenses	64,844
Freight & Cartage	1,22,870
Insurance Expenses	7,29,844
Interest on TDS	1,78,804
Legal & Professional Charges	21,53,299
Office Expenses	21,38,725
Postage & Courier	63,799
Power & Fuel Expenses	1,29,19,516
Printing & Stationery Expenses	23,96,263
Repairs & Maintenance Expenses	3,01,09,465
Research & Development Expenses	14,06,000
Software & Technology Expenses	6,86,499
Telephone & Internet Charges	13,62,242
Travelling & Conveyance Expenses	15,09,204
Total	6,31,83,506



Note: 18 Related Party Disclosures:

Details of related parties including summary of transactions entered by the institution during the year ended 31st March, 2023 are summarised as below:

Key Management Personnel:

1. Dr. Picheswar Gadde
2. Ms. Sunita Gadde

Note: 19 Events After the Reporting Date:

There were no material events subsequent to 31st March, 2023 that have not been reflected in the financial statements.

Note: 20 Authorization of Financial Statements:

These financial statements were authorized for issue in accordance with the resolution of the board of management of Lingaya's Vidyapeeth on 30th September, 2023.





"Par Excellence with Human Touch"

Lingaya's Group of Institutions :

Lingaya's Vidyapeeth, Faridabad
Lingaya's Lalita Devi Institute of Management & Sciences, New Delhi
Lingaya's Institute of Health Sciences (Nursing), Faridabad
Lingaya's Public School, Faridabad
Lingaya's Academy, Delhi
Lingaya's Institute of Management & Technology, Vijaywada (Andhra Pradesh)