



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHAS

PRIYADARSHINI INDIRA GANDHI COLLEGE OF ENGINEERING, NAGPUR



VISION AND MISSION OF ALL DEPARTMENT'S

DEPARTMENT OF CIVIL ENGINEERING

VISION

- To enhance and integrate knowledge in pursuit of excellence in Civil engineering for upliftment of society, to create skill for self-employment while contributing in the economic, research and infrastructural development of global environment.

MISSION

- To produce civil engineers of high calibre technical skills and ethical values.
- To fulfil theoretical applicability on practical basis in the field of civil engineering.
- To promote innovative ideas and creativity for the betterment of societal needs.



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VISION AND MISSION OF ALL DEPARTMENT'S

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

- To be the centre of excellence in global knowledge, striving continuously to generate the higher level of academics in Computer Science and Engineering, education towards technical and social demands of the globe, thereby providing innovative, research oriented, ethical and globally accepted Computer professionals.

MISSION

- To encourage students to become self-motivated problem solving individuals by imparting quality Computer Science and Engineering education.
- To pursue creative research for creating innovative, entrepreneur, ethical technocrats to serve for societal needs and suitable for global environment.



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VISION AND MISSION OF ALL DEPARTMENT'S

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VISION

- To become a renowned department producing skilled and disciplined Engineers.

MISSION

- To educate students with the foundations of Electronics and Communication Engineering.
- To facilitate students towards a successful career in industry, research or entrepreneurship through various skill development courses.

To expose the students to behavioral training programs and to develop their overall personality and social consciousness.



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VISION AND MISSION OF ALL DEPARTMENT'S

DEPARTMENT OF ELECTRICAL ENGINEERING

VISION

- To be a model of excellence in technical education and producing technical graduates, prepared for life-long engagement in the rapidly changing fields of electrical and related fields.

MISSION

- To impart quality education to our students and provide a comprehensive understanding of electrical engineering, built upon basic foundation of physical science, mathematics, computing and technology and to produce a new generation of Electrical Engineers to meet the future challenges.



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VISION AND MISSION OF ALL DEPARTMENT'S

DEPARTMENT OF ELECTRONICS ENGINEERING

VISION

- To develop competent technocrats who strives continuously in pursuit of professional excellence in the field of Electronics Engineering through core research and education. Preparing the students, the best professional Engineers in the field of Electronics Engineering to face the challenges.

MISSION

To achieve the vision, the department will

- Establish a unique learning environment to enable the students to face the challenges in the field of Electronics Engineering.
- To make the best effort to provide intellectual, ethical and technological environment to the students.
- To establishment as the centre of excellence in technology areas to nurture the spirit of innovation and creativity among faculty and students.
- Enable students to develop skills to solve complex technological problems by providing a framework for promoting collaborative and multidisciplinary activity.



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VISION AND MISSION OF ALL DEPARTMENT'S

DEPARTMENT OF FIRST YEAR

VISION

- To groom students into technically sound, possessing professional ethics and socially aware focused technocrats.

MISSION

- To impart pre-requisite technical knowledge facilitating the acquisition of technical skills.
- Promoting value education through motivated trained faculty to ensure holistic development of students.
- To nurture analytical thinking ability to meet challenge of emerging technology.



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PEO'S OF ALL DEPARTMENT'S

DEPARTMENT OF CIVIL ENGINEERING

- PEO 1 :** The graduate can work and contribute to the infrastructure development projects being undertaken by Govt. and private or any allied sector.
- PEO 2 :** The graduate can pursue higher studies so that they can contribute to the teaching profession/research and development of civil engineering and other allied fields.
- PEO 3 :** The graduate can function effectively in the multicultural and multidisciplinary groups for the sustainable development and growth of civil engineering projects and profession.



PEO'S OF ALL DEPARTMENT'S

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- PEO 1 :** Graduates will possess the ability to think logically and have capacity to understand technical problems and to design optimal solutions for a successful career in industry, academia and research.
- PEO 2 :** Graduates will have the ability to work as a team and will be able to promote the design and implementation of products and services with an understanding of its impact on economical, environmental, ethical and societal considerations through their strong interpersonal skills, leadership quality and entrepreneurial skills.
- PEO 3 :** Graduates will have foundation in mathematical, scientific and computer science and engineering fundamentals necessary to formulate, analyze and solve engineering problems.
- PEO 4 :** Graduates will have the potential to apply their expertise and current technologies across multiple disciplines to solve real world challenges and research issues.
- PEO 5 :** Graduates will possess an urge to learn continuously and to be responsive to the demands of the progressive industrial world by carrying out research in frontier areas of computer science and engineering.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PEO1: To prepare students with strong foundation in mathematical, scientific and engineering fundamentals to excel in their career.

PEO2: Prepare to be receptive to new technologies and attain professional competence through lifelong learning such as advanced degrees, professional registration, publications and other professional activities.

PEO3: To inculcate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach in the students. Develop an ability to relate engineering issues to broader social context and equip them with strong knowledge, competence and soft skills that allows them to contribute to the needs of industry, consultancy, government and academia.

PEO4: Communicate effectively and manage resources skillfully as members and leaders of the profession.



DEPARTMENT OF ELECTRICAL ENGINEERING

PEO-1 : Our graduates will be productive in the professional practice of engineering and related fields and will be able to identify, formulate, create, analyze, design, modeling, develop, optimize, and implement electrical systems.

PEO-2 :Our graduates will contribute to industry and/or government organizations by applying the skills and knowledge acquired during the program period.

PEO-3 :Our graduates shall be prepared for the successful pursuit of graduate studies and shall have the ability to engage in lifelong learning in electrical engineering and related fields and will understand the challenges of a dynamically and globalized changing world adapting their skills through continuous learning and self-improvement.

PEO-4 :Our graduates will be provided with solid foundation in mathematical and engineering fundamentals required to solve engineering problems and also to pursue research within the appropriate technological, global, societal, ethical and organizational context.

PEO-5 :Our graduates will be able to inculcate a sense of ethics, professionalism and effective communication skills amongst graduates.



DEPARTMENT OF ELECTRONICS ENGINEERING

PEO1:Pre-preparation: To prepare students with strong foundation in mathematical, scientific and engineering fundamentals that will enable them to have successful career in Core electronics, Telecommunication and IT Industries.

PEO2: Core Competence: To prepare students for rapid technological change with core Electronics Engineering domain knowledge & interdisciplinary areas to emerge as researchers, experts, educators & entrepreneurs and recognize the need for, and an ability to engage in continuing professional development and life-long learning.

PEO3: Breadth: To enable students to develop their knowledge and skills across the range of disciplines and analyze, design, develop, optimize & implement engineering solutions and work productively as engineers, including supportive and leadership roles on multidisciplinary teams.

PEO4: Professionalism: To prepare students for soft skills with good communication, ethical values and ability to work in a team.

PEO5: Learning Environment: To prepare students to strengthen their knowledge and skills through self-learning abilities, throughout their professional career as well as to pursue higher education.

PEO6: Global Interconnections: To make students understand the principles of sustainable development and global interconnectedness of various engineering projects that affect society and the environment.