Vision of MGM
- To impart the state of the art education and technical expertise to students and give necessary training to teachers to create a self-reliant society for the future.
- To encourage students to participate in Indian and International activities in sports, literature, etc. so that the future generation become base for free and liberal society.
- To educate students in areas like Management, Finance, Human relations to inculcate philosophy of simple living and high thinking values of simple economic society.
- To inculcate culture of nonviolence and truthfulness through Vipassana.
- To sustain activities of Indian culture (viz. classical dance, music and fine arts) through institutes like Mahagami, Naturopathy etc.

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Vision of JNEC
- To create self-reliant, continuous learner and competent technocrats imbued with human values.

Mission of JNEC
- Imparting quality technical education to the students through participative teaching-learning process.
- Developing competence amongst the students through academic learning and practical experimentation.
- Inculcating social mindset and human values amongst the students.

Our Esteemed Trustees
- Shri. Kamalkishore Kadam M.Tech (IIT), Mumbai Chairman
- Dr. Pandurang M. Jadhav MBBS, FRCS Vice Chairman
- Shri. Ankushkumar N. Kadam BE (Mech) Secretary
- Dr. Sudhir N. Kadam MBBS, FRCS Treasurer
- Shri. Pratap Borade ME (Mech) Trustee
- Shri. Ujjwal N. Kadam BE (Elect) Trustee
- Dr. Nitin N. Kadam MD (Ped) Trustee
CHAIRMAN’S MESSAGE

Mahatma Gandhi Mission is contributing in the field of technical education since last 35 years. Thousands of students have achieved their career excellence in various fields after graduation from JNEC. Following the path of Gandhian thoughts, sustainable education and healthcare facilities to the last segment of the society, is our commitment. Engineers nurtured by JNEC facing challenges confidently all over the world. These students are our real hero and Ambassadors too. JNEC students, known for their technical excellence and human value makes us proud. My best wishes to all the students for their career achievements and success in life.

Kamalkishor Kadam

DIRECTOR’S MESSAGE

My Best wishes to the young students, who are aspiring for a career in Engineering and other disciplines. Following the footsteps of Jawaharlal Nehru, the first Prime Minister of India, I am sure you will also strive for liberty, equality and prosperity for strongest India. I wish your four years stay in this college through technical excellence transform yourself into a vibrant technocrat with global reach. Many of your seniors have achieved acme in their fields. Wish you more of it.

Prof. Pratap Borade
Dear young friends,

Congratulations for your continuous persuasion towards the career goal. I welcome you at the beautiful learning experience of JNEC. The engineering career with human value is made available for you here.

We believe in multi faceted development of the students to withstand the challenges of global competitiveness.

Following the vision set, experienced faculties, skilled supporting staff and state of the art infrastructure, laboratories are provided so as to groom an engineer.

In past 35 years, our alumni is portraying example of engineering excellence worldwide in almost all the sectors of technology. Our institute offers discrimination free togetherness by bridging the gap between rural and urban students. An extraordinary engineer with social commitment can be carved out from aspiring youth, is our belief.

We not only inculcate engineering skills but provide stage to exhibit every individual’s hidden talent.

Today, engineering education is transforming to words the outcome based education and credit based systems. Our Philosophy of education always remain aligned with this. Hence JNEC has been acclaimed by authorities and society. This reliance, confidence inspires and encourage us to do better every day.

Let’s hold our hands together for better tomorrow being a part of the JNEC family.

Dr. H. H. Shinde
AWARDAHAL Nehru Engineering College is a premier institute of engineering that has carved a niche for itself in the field of technical education in a very short span of time. The college has made its presence felt in the world of technical education. Unique in its structure, methods and goals, the college is strongly rooted in the philosophy of training and research that emphasizes the relationship between knowledge and its application and seeks to promote the creation of an ideal society. The college also provides facilities for research and development. The college is recently accredited by NACC (National Accreditation Council of Engineering). JNEC is the first college in Marathwada to have been affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, Maharashtra, which confers the degree of Bachelor of Technology (B.Tech.), in various disciplines. From the academic year 2017-18 the college is affiliated to the Council of Architecture. JNEC is the first college to be affiliated by Council of Architecture. JNEC is recently accredited by MACK (National Assessment and Accreditation Council) Accreditation A Grade.

Our Pride

The foundation stone of existing JNEC building was laid by Hon. Shir Shri Pawar the then Chief Minister of Maharashtra on Nov. 14th, 1985.
JNEC has an elegant building with state of art facilities like:

- Well-equipped Laboratories
- Library management software
- Central Computing Laboratory with new generation facilities
- Departmental Computer Laboratories
- Einstein, Aryabhata Seminar Hall, and Auditorium
- Boys’ Hostel
- Girls’ Hostel
- Sports Academy
- MSM Hospital Facilities
- Canteen
- Green atmosphere and clean campus
- Genius' Alumni Centre
- NSS Cell
- NCC
- Entrepreneurship Development Cell
- Training and Placement Cell
- R & D Cell

JNEC CULTURE: The JNEC culture is a blend of professionalism and Ethical values. To inculcate these values the institution follows some activities like:

- Uniform for students
- Training and Placement
- Guidance for Aptitude Tests and Group Discussion
- Participation in Professional Society activities such as IEI, IEEE, ISTE, QCIF, INSSAN etc.
- The Guidance, encouragement and facilities to learn at foreign Universities
- Foreign Language Courses

Courses Offered

- Civil Engineering
- Mechanical Engineering
- Electronics and Telecommunication
- Computer Science and Engineering
- Information Technology
- Chemical Engineering
- Electrical, Electronics and Power
- Architecture

Post Graduation Courses Offered

- M. Tech (Structure)
- M. Tech (Electronics)
- M. Tech (Manufacturing)
- M. Tech (CSE)
- M. Tech (Elec. Power System)
- MCA
- M. Arch (General)
- M. Arch (Environmental Architecture)

Research Centre

- Civil Engineering
- Mechanical Engineering
- Chemical Engineering
- Applied Sciences
- Environmental Science
- Environmental Engineering

Prevention of Ragging

Due to strict vigilance, there is no incident of ragging in the college so far and undertaking proforma is taken by every candidate as per norms of AICTE.
MAHATMA GANDHI MISSION

MGM Trust was established on Dec 20, 1982 under Securities Registration Act 1948 and BPT Act 1950 to promote education in the region of Marathwada. The Trust has number of institutions in its five campuses laid by Hon. Shri Sharad Pawar, the then Chief Minister of Maharashtra on Nov. 14, 1985.

The foundation stone of the existing JNEC building was laid by Hon. Shri Sharad Pawar, the then Chief Minister of Maharashtra on Nov. 14, 1985.

JNEC Environment

JNEC imparts education through healthy and indiscriminate teaching practices. The institute aims at inculcating humanitarian values among students. JNEC has lush green campus complemented with contemporary infrastructures.

JNEC students are self disciplined and spend more time in the reading room of the library. It has a sitting capacity of 600 which is always full during the peak period of the semester and students are self disciplined and spend more time in the reading room.

The Campus Life

The Campus Life is vibrant and full of enthusiasm. The caring attitude of staff towards students results in developing a comfort zone with faculty members.

NAIH MUMBAI

- MGM’s College Of Engineering and Technology
- MBA (Accredited)
- MGM’s Institute of Management Studies and Research
- MGM’s Florence Nightingale Institute of Nursing Education
- MGM’s Junior College of Hotel Management and Catering Technology
- MGM’s College of Management
- MGM’s Polytechnic College
- MGM’s Medical College
- MGM’s Medicine College
- MGM’s Dr. G. Y. Pathrikar College of Computer Science and Information Technology
- MGM’s College of Fine Art
- MGM’s College of Media Science
- MGM’s College of Nursing Education
- MGM’s Institute of Management Studies and Research
- MGM’s College Of Engineering and Technology
- (NBA Accredited)
- MGM’s Institute of Competitive Exams (MGM ICE)
- MGM’s First Step School (Pre-Primary-Eng)
- MGM’s Clover Dale School (Pri-and Sec.-Eng)
- MGM’s Sanskar Vidyalaya (Pri - and Sec.- Mar)
- MGM’s Jawaharlal Nehru Engineering College was established in 1983 under the aegis of Mahatma Gandhi Mission Trust led by Chairman Shri Kamalkishore Kadam, who is an IIT Engineer from Mumbai. He had also been the Education Minister and Deputy Speaker of Maharashtra Legislative Council.

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JNEC Environment

JNEC imparts education through healthy and indiscriminate teaching practices. The institute aims at inculcating humanitarian values among students. JNEC has lush green campus complemented with contemporary infrastructures.

JNEC students are self disciplined and spend more time in the reading room of the library. It has a sitting capacity of 600 which is always full during the peak period of the semester and examination.

On the occasion of MGM Silver jubilee Ceremony Hon. Shri Sharad Pawar, Hon. Shri Dilip Walse Patil, Hon. Shri Kamalkishore Kadam, Shri P. M. Jadhav, Shri Ankushrao Kadam, Shri Pratap Borade

Brighten our life and brighten our Country
ABOUT JNEC

ACTIVITIES

- The Placement guidance is provided by conducting Aptitude tests, mock interviews and Group Discussions.
- The Technical tests are regularly conducted to cope with industrial needs.
- Guest lectures by eminent personalities are arranged on career guidance, Communication Skills, Soft Skills etc.
- The Faculty from Management Training Institutes conduct regular classes on personality development.
- The Guest lectures on the current industry trends and job opportunities in India and abroad are regularly arranged for the awareness of the students.
- The Guest lectures on current technical issues are organized to expand the perspective of the students.

OBJECTIVES

- To equip the engineers of tomorrow to cope with the fast paced field of communication technology.
- To update the students with the latest cutting edge technologies by organizing talks and seminars.
- To reinforce the importance of teamwork in students by undertaking mini and main projects.
- To inculcate an attitude of an uncompromising commitment to quality among students.

HOW TO REACH US

- Delhi to Aurangabad: 1500 Kms.
- Kolkata to Aurangabad: 900 Kms.
- Chennai to Aurangabad: 850 Kms.
- Mumbai to Aurangabad: 425 Kms.
- Nagpur to Aurangabad: 511 Kms.
- Nasik to Aurangabad: 180 Kms.
- Pune to Aurangabad: 210 Kms.
- Goa to Aurangabad: 470 Kms.
- Airport to JNEC: 03 Kms.
- Central Bus stand to JNEC: 07 Kms.
- CIDCO Bus stand to JNEC: 02 Kms.
- Railway Station to JNEC: 05 Kms.

AURANGABAD CITY CULTURE

Aurangabad city was founded by Malik Amber, the Prime Minister of Nizam Shah of Ahmednagar in 1610 A.D, on site of village Kirki (Window) since it serves as an opening between the North and South Culture. Aurangabad is a Historical City with Ajanta, Ellora caves, Dergri fort, Panachakki, Bibi Ka Maqbara and Gates along with rapid Industrial growth. Aurangabad is the commercial capital of the Marathwada region. The concept of education is rooted in strong foundation of history and knowledge of Modern Technology which is truly revealed in Aurangabad.
The tuition fees for the academic year 2018-2019 is Rs. 86,000/- as per the norms of Shikshan Shulka Samiti. This year the fee structure will be as per the declaration of the Shikshan Shulka Samiti.

Assessment

- **FIVE YEAR ENGINEERING [UG]**
  - Duration of Course: 5 years
  - The Department of Civil Engineering is four years and five years in Architecture, starting from 1st August of every year

Eligibility Criteria

- **(1) The Candidate should be an Indian National**.
- **(2) The Candidate should have appeared/registered with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects, and obtained at least 50 % marks (at least 45 % marks, in case of Backward class categories and Persons with Disability belonging to Maharashtra State only) in the above subjects taken together, and the candidate should have appeared in the subject(s) in CET and should obtain non-zero positive score in CET conducted by the Competent Authority.**

- **(i) The Candidate should be an Indian National;**
  - **(ii) Passed HSC or its equivalent with Mathematics as compulsory subject or as declared under the Act.
  - (iii) The Candidate should have obtained qualifying marks in NATA or obtained Non Zero Positive Score in JEE Main Paper II; (iv) Any other criterion declared from time to time by the appropriate authority as defined under the Act.

Eligibility Criteria for all Engineering courses

- **FIRST YEAR ENGINEERING (UG)**
  - Duration of Course: 1 year
  - The Head of Department - Dr. Mrs. S. B. Shinde (First Shift), Dr. Mohammed Sadique (Second Shift)

Program Educational Objectives

1. Graduates of Civil Engineering Program will be prepared to take up the challenges in the field of Civil Engineering.
2. To provide with a Graduates a sound Knowledge in Civil Engineering, mathematical, scientific and Civil Engineering fundamentals required to solve engineering problems and also to provide a competitive graduates for successful career.
3. To train students with good scientific and engineering breadth in Construction industry and many field of Civil Engineering.
4. To build the confidence of students leading to professional and ethical integrity, effective communication skills, leadership so that they can apply engineering knowledge for betterment of society.
5. To provide a good competitive learning environment so that graduates of Civil Engineering will be ready to meet the needs of Indian and multinational construction industries.

Mission

- **• To provide quality education and prepare competitive graduates for successful career in Civil Engineering.**
- **• To research and develop opportunities that creates competent professionals who are trained in the design and development of environmentally friendly Civil Engineering system.**

- **LATERAL ENTRY ELIGIBILITY IN ENGINEERING DISCIPLINES (SECOND YEAR)**
  - Criteria 10 + 3 Diploma (any stream) recognised by Central or State Governments with 50% aggregate marks.
  - LATERAL ENTRY ELIGIBILITY IN ENGINEERING DISCIPLINES (SECOND YEAR)
  - LOCAL ADMISSION – M.TECH [PG]

- **UNDERGRADUATE COURSE IN ARCHITECTURE (BACHELOR OF ARCHITECTURE [B.Arch][UG])**
  - Maharashtra State Candidature Candidates, All India Candidature Candidates, Inland and Kashmir Candidature Candidates -
  - The Candidate should have obtained 75% aggregate marks in aggregate of candidates of Backward class categories and Persons with Disability belonging to Maharashtra State only as declared by appropriate authority, from time to time.
  - **(i) The Candidate should have appeared/registered with Architecture as compulsory subject or as declared under the Act.**

- **PG Intake – M.Tech (Structural Engineering): 18**
  - 1. Business in Construction Industry
  - 2. Surveying Consultancy
  - 3. Structural Design Engineer
  - 4. Site Engineer
  - 5. Govt. Services
  - 6. Industrial Consultancy
  - 7. Road Consultations
  - 8. R and D in Soil Testing Sciences, Material Testing and Environmental audit
  - 10. Earth Observation

Highlights

- **Well qualified and experienced faculty members.**
- **Many faculty members have recognition as PG teachers.**
- **Well-equipped labs, CAD lab and software.**
- **Arranging survey project at site and visit to various civil engineering structures such as buildings, dams, canals, road bridges, industrial steel structure.**
- **University rankers and various prize winners every year.**
- **Extra-curricular, cultural, sports and social activity.**

Program Educational Objectives

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Mission

- **• To provide quality education and prepare competitive graduates for successful career in Civil Engineering.**
- **• To research and develop opportunities that creates competent professionals who are trained in the design and development of environmentally friendly Civil Engineering system.**

CIVIL ENGINEERING

- **The Head of Department - Dr. Mrs. S. B. Shinde (First Shift), Dr. Mohammed Sadique (Second Shift)**
- **I UG - Intake : 60+60 (Second Shift)**
- **I Intake – M.Tech (Structural Engineering): 18**

Vision

The department of Civil Engineering strives to produce qualified engineers, researchers and professionals to serve the society with sustainable development.

- **To provide quality education and prepare competitive graduates for successful career in Civil Engineering.**
- **To research and develop opportunities that creates competent professionals who are trained in the design and development of environmentally friendly Civil Engineering system.**

Career Opportunities

- **1. Business in Construction Industry**
- **2. Surveying Consultancy**
- **3. Structural Design Engineer**
- **4. Site Engineer**
- **5. Govt. Services**
- **6. Industrial Consultancy**
- **7. Road Consultations**
- **8. R and D in Soil Testing Sciences, Material Testing and Environmental audit**
- **9. Estimating and Costing**
- **10. Earth Observation**

11. Geometrics Engineering

12. Hydrographic surveying
MECHANICAL ENGINEERING

The Head of Department: Dr. M. S. Kadam
UG - Intake: 120

Vision
To be the best learning centre in Mechanical Engineering for students to acquire global competence, enterprising skills, professional attitude and enhancement of human values.

Mission
1. Imparting quality technical education to the students.
2. To develop comprehensive competence in the students through various modes of learning.
3. To enable students for higher studies and competitive examinations.
4. To facilitate students and industry professionals for continuous improvement and innovation.

Program Educational Objectives:
1. To equip students for their professional development through lifelong learning and career advancement along with organizational growth.
2. To serve as a driving force for proactive change in industry, society and nation.

Aim of Course
This course aims at developing competence in core areas of Mechanical Engineering with adequate exposure of students to state of art technological developments like CAD, CAM, Mechatronics, Robotics, etc.

Career Opportunities
The department has an excellent placement track record. The major areas of placements are Core Manufacturing Industries, Software Companies, Automotive Industries, etc.

Highlights
- Experienced and highly qualified staff.
- Well equipped laboratories.
- Latest CAD/CAE Softwares like PRO-E, CATIA, HYPERMESH, etc.
- Excellent results in competitive exams like GATE, CAT, etc.
- MOUs with reputed industries/organizations for imparting industry specific training to students. Encouragement to students for participation in technical competitions, conferences and paper presentations.
- Department regularly organizes symposia and expert lectures of eminent personalities.
- Department co-ordinates campus placement activity with training and placement cell of the college.
- Mechanical museum cum workshop attached to mechanical engineering department for hands-on experience.

Use of tools and techniques by department
1. Power point presentations based on the syllabus to improve teaching learning method.
2. Video lectures and animations to clarify the difficult concepts.
3. Using NPTEL lectures from renowned IIT faculty.
4. Using enlarged Mollier and P-h, Psychometric charts in the class for solving numericals.
5. Exposure through industrial visits and technical exhibitions, symposium, seminars, conferences etc.
6. Arranging various guest lectures by eminent personalities (National and International) from industries and reputed institutes.

MECHANICAL ENGINEERING

The Head of Department: Dr. M. S. Kadam
PG - Intake: 18

M. Tech. - MANUFACTURING

Aim of the Course: To create opportunities for engineers to fulfill the demands of industries and academics and to upgrade the knowledge of engineers in this field.

Duration of the Course: The duration of the course is two years starting from July/August every year.

Eligibility Criteria: The admission procedure is as per the rules and regulations of AICTE, DTE and Dr. B.A.T.U., Lonere, Raigad, Maharashtra

Career Opportunities: Research and Development in Manufacturing Consultancy, Teaching and Industry

Highlights
- The Department conducts various technical seminars, Symposia and workshops for the students and faculty.
- Nine faculty members have received Ph.D. and others are post graduates.
Vision
To develop GREAT technocrats and become centre of excellence in the field of Electronics and Telecommunications.

G – Global technocrats with human values
R – Research and lifelong learning attitude
E – Excellent ability to tackle challenges
A – Awareness of the needs of society
T – Technical expertise

Mission
1. Providing good technical education and enhance technical competency by providing good infrastructure, resources, effective teaching learning process and competent, caring and committed faculty.
2. Providing various platforms to students for cultivating professional attitude and ethical values.
3. Creating students with strong foundations to enable them to pursue their career choices.

Programme Educational Objectives
Engineering Graduates will be prepared
1. To cultivate the skills and attitude required to pursue career choices in Electronics and Telecommunication and allied fields, public and corporate services and be able to contribute to the advancement of knowledge.
2. For deep insight in Electronics and Telecommunication concepts, mathematical, scientific and multidisciplinary engineering fundamentals required to solve engineering problems and pursue higher studies.
3. With good scientific and engineering knowledge in the field of Electronics and Telecommunication so as to comprehend, analyze, design, and develop products and solutions for the real life problems.
4. To exhibit professional attitude, effective communication skills, leadership roles, project management and an ability to relate engineering issues to broader social context.
5. To continue professional, personal development with awareness of excellence, and the life-long learning.

Aim of the Course:
The aim of the program is to provide basic knowledge of Electronics and Telecommunication Engineering in areas like Electronic Devices and Circuits, Microwave Engineering, Digital Design, Advanced Communication, Communication Engineering, Satellite Communication, Microprocessor and Microcontroller, VLSI and Digital Signal Processing. Also it promotes latest technology, in Electronics and Telecommunication Engineering in order to meet challenges of globalization.

Career Opportunities
• Telecom Industries
• Embedded System Design

Highlights
• The Department has 10 full fledged and well equipped laboratories.
• All faculty members are Post Graduates with Master’s Degree in their respective discipline.
• Faculty members have pursued their research to Ph.D degree and others are pursuing Ph.D.
• Well-equipped DSP and VLSI Laboratories.
• JNEC IEEE Students Association (JISA).
• Technical workshops
• IEEE membership for students
• Industrial Visits
• Project Exhibition
• TechFest

The Department conducts various Technical Seminars, Symposia and workshops for students and faculty. The Department has well equipped DSP and VLSI Laboratory.

Eligibility Criteria
Admissions are carried out as per rules and regulations of AICTE, DTE and Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, Maharashtra.

Career Opportunities
• Research and Development in Electronics.
• Teaching.
• Consultancy / Electronics Maintenance.
• Telecom and Consumer goods industries
• IT Industries.

Highlights
Technical experts from industries and institutions are regularly invited to share industrial experience on latest trends in the electronics field and enrich the students with current trends in industry.

The department has very good infrastructure which extends help to the nearby industries. Many of the dissertations are industry sponsored.

The Department conducts various Technical Seminars, Symposia and workshops for students and faculty. The Department has well equipped DSP and VLSI Laboratory.
**Mission**

- Preparing graduates to work on multidisciplinary platforms associated with their professional position both independently and in a team environment.
- Preparing graduates for higher education and research in computer science and engineering enabling them to develop systems for society development.

**Career Opportunities**

- The most common job titles our students move into are:
  - System Analyst
  - Cyber Forensic/IT Security expert,
  - Web Designer/Developer
  - Software Engineer/Software Developer
  - Network/Database Administrator
  - Software Engineer/Software Developer
  - System/Network/Database Administrator
  - Computer design specialist
  - Project manager
  - Teaching Learning Methods include:
    - Lectures
    - Tutorials
    - Seminars
    - Practical Classes
    - Project work
    - Dissertation

**Objectives of Course**

- **Admission procedure is according to the guidelines of AICTE, DTE and Dr. B.A.T.O. Lonere, Raigad, Maharashtra**
- **Students are provided opportunities to put their research skills into practice by participating in Project contests, technical paper presentations, skill test and few held at various engineering colleges over India and many of them have received accolades for innovations.**
- **Students are provided with the opportunity to enroll in professional societies/ student chapters like CSI, ACM, IEEE and departmental student association COMPSA.**
- **Students are engaged in Social-Welfare activities, Poster Presentations and Research Orientation.**
- **Various expert lectures and workshops are organized to provide Industry and research orientation.**
- **Department provides separate PG-Library for instant access to books and journals.**

**Eligibility Criteria:**

- Admission procedure is according to the guidelines of AICTE, DTE and Dr. B.A.T.O. Lonere, Raigad, Maharashtra.
**INFORMATION TECHNOLOGY**

The Head of Department: Dr. S. C. Tamale,  
UG - Intake : 60

**Vision:**
IT department is determined to develop talented technicians by imparting technical quality and human value based education.

**Missions:**
- Training the students to develop technical skills, soft skills and professional attitude.
- Providing resources to make students competent to excel as professionals, entrepreneurs and researchers.
- The students win various prizes in district level sports competition.
- IT-INFORIA’ (wall magazine) to groom writing skills, art talent of students and to update knowledge in various fields.
- Teacher guardian scheme in the dept, aims to provide individual attention to students.
- The department organizes workshops on hardware galaxy.
- The departmental students have excelled in academics and have university rankers every year.

**Program Educational Objectives:**
The graduates will utilize their expertise in IT industry and solve industry technological problems.
- Graduates should excel in engineering positions in industry and other organizations that emphasize design and implementation of IT applications.
- Graduates will be innovative and professionals in technology development, establishment and system implementation.
- Graduates will be in pickers in engineering, engineering management, research and higher education.
- Graduates will be good citizens and cultured human being with full appreciation of importance of IT professional ethical and social responsibilities.

**Aim of Course :**
The course enables students to understand the concept in Information systems and key Technologies involved, that affects their success in the modern enterprise.

**Career opportunities:**
1. Software, web based applications, software engineering and information system industries.
2. As Managers, Freelancers, Project Managers, Multimedia, Web Authors and Entrepreneurs.
3. Career as Network professionals.
4. Most of eligible students are placed in multinational companies.
5. The department organizes workshops on cloud computing, python, Big data Analytics etc., through campus connect program of Infosys, Pune.
6. The department organizes blood donation camp.
7. The department organizes aptitude test for TE and BE students of all Branches.
8. Research and Development
9. The department faculty members are involved to know in and out of the corporate world.
10. The Students win various prizes in district level sports.

**Mission:**
- To provide quality technical education to the students through effective teaching-learning process.
- To develop student’s competency through academic, learning, practical and skill development programs.
- To encourage students for social activities and develop professional attitude along with ethical values.

**Program Educational Objectives:**
- To prepare the engineers to cope with the advancement in the field of Electrical Engineering.
- To update the students with the latest technology and practical knowledge by organizing talks, seminars and workshops.
- To develop the team work capability in students by conducting group activities like mini and major projects.
- To provide healthy learning experience to the student for his overall development.

**Vision**
- To develop competent electrical engineers with human values.

**Mission**
- To provide quality technical education to the students through effective teaching-learning process.
- To develop student’s competency through academic, learning, practical and skill development programs.
- To encourage students for social activities and develop professional attitude along with ethical values.

**Program Educational Objectives:**
- To prepare the engineers to cope with the advancement in the field of Electrical Engineering.
- To update the students with the latest technology and practical knowledge by organizing talks, seminars and workshops.
- To develop the team work capability in students by conducting group activities like mini and major projects.
- To provide healthy learning experience to the student for his overall development.

**Vision**
- To develop competent electrical engineers with human values.

**Mission**
- To provide quality technical education to the students through effective teaching-learning process.
- To develop student’s competency through academic, learning, practical and skill development programs.
- To encourage students for social activities and develop professional attitude along with ethical values.

**Program Educational Objectives:**
- To prepare the engineers to cope with the advancement in the field of Electrical Engineering.
- To update the students with the latest technology and practical knowledge by organizing talks, seminars and workshops.
- To develop the team work capability in students by conducting group activities like mini and major projects.
- To provide healthy learning experience to the student for his overall development.
CHEMICAL ENGINEERING
The Head of Department: Dr. S.Y. Guhe
| UG - Intake: 30 |

Vision
To create competent technocrats in Chemical Engineering field with human values.

Mission
• Developing competence in Chemical Engineering students through quality education.
• Imparting industrial and environmental safety systems to the students through teaching-learning process.
• Preparing Chemical Engineering graduates so as to produce the highest quality professional chemical engineers, with the skills that are demanded by the employers of today and tomorrow.

Highlights:
• Dr. B.A.M. University topppers at B.E. final year examination held in May/June 2017.
• Alumni hold key positions in Government and private organizations.
• Highly qualified and skilled staff having long academic and research and development experience.
• Strong Research and Development activities.
• Final year Project work to introduce students to practical Chemical Engineering industry.
• Guest lectures by eminent personalities.
• Good Industry-Institute interaction.

Course structure:
• Four-year (Eight semesters) undergraduate course having core engineering and humanity based courses.
• Mandatory course on communication skills.
• Mandatory in-plant training after Semester-VI.
• Four-year (Eight semesters) undergraduate course having core engineering and humanity based courses.
• Mandatory course on communication skills.
• Mandatory in-plant training after Semester-VI.
• Final year Project work to introduce students to practical Chemical Engineering industry.

Program Educational Objectives
• Scope: To pursue career as chemical engineers in various fields
• Higher studies: To pursue higher studies in different specialization.
• Entrepreneur: To be ready to take on entrepreneurial role for catering the need of industry, business and society.
• Awareness: To be dealing with design and implementation of industrial and environmental studies.
• Professionalism: To understand the importance of lifelong learning, professionalism and social responsibilities

Aim of course:
The aim of Chemical Engineering department is to become one of the leading institutions in both teaching and research of chemical engineering. Our objectives are to provide excellent teaching and learning facility for students so as to produce the highest quality professional chemical engineers, with the skills that are demanded by the employers of today and tomorrow.

Hints:
• To create a humane environment for better living and happy life.
• To emphasize on sustainable development through the concept of "Green Buildings".

Architectural Studies
The Head of Department: Prof. J. C. Gogte
| UG - Intake: 40 | PG Intake: M.Arch (General) 20, M.Arch (Environmental Architecture) 20 |

Vision
• To achieve excellence in design by inculcating values of professionalism.
• To inculcate the importance of Research in Architecture.
• To create a humane environment for better living and happy life.
• To inculcate the importance of Sustainable Development in Architecture.

Mission
• To become one of the best Architectural Institute in the country.
• To create a humane environment for better living and happy life.
• To emphasize on Sustainable Development through the concept of “Green Buildings”.

Career Opportunities:
The Registration from Council of Architecture, New Delhi, allows students to practice with the title of ‘Architect’ anywhere in India. Registered Architects have employment opportunities in private Architectural Firms, Government and Semi. Government Institutions, Academies in Architectural Schools, etc.

Highlights
• The Department has qualified staff.
• University rankers every year.
• Educational Tours arranged every year.
• The Students win prizes in various Architectural and cultural activities in annual NASA Convention.

1. The Department has qualified staff.
2. University rankers every year.
3. Educational Tours arranged every year.
4. The Students participate in the National Convention of the National Association of Students of Architecture (NASA).
5. The Students win prizes in various Architectural and cultural activities in annual NASA Convention.
6. Various programmes are arranged by Indian Institute of Architects (IIA), Indian National Trust for Arts and Cultural Heritage (INTACH) and Institute of Valuers (India).
7. The site visits are arranged to get first hand knowledge in Building Construction, Architectural Design etc.
8. The Students have bagged prizes in Architectural competitions organised by Architecture Institutions in Maharashtra.
9. The departmental library facility with books on Architecture of well known authors and International/Indian Magazines.
10. Well equipped studios and a separate Computer Lab with latest software.
APPLIED SCIENCE DEPARTMENT
The Head of Department: Dr. S.M. Arole

Vision
Applied Science department is committed to provide the best learning and creative experience of basic sciences i.e. Physics, Chemistry and Mathematics, which is the background of engineering studies.

Mission
1. To provide sound background of basic concepts, principles of physics, chemistry and Mathematics to engineering students which develops firm base for further studies in engineering field.

Aim of Course
The department of Applied Sciences is set up to cater the essential needs of the basic subjects of first year engineering courses and looks after the first year of the engineering courses.

Assessment
The Student is assessed through class tests conducted by department, work assigned to the student in the form of term work and final theory examination conducted by the University.

Highlights
• Qualified and experienced faculty members.
• Faculty members are involved in Research activities.
• Active participation of the faculty members in various activities such as seminars, Workshops, Conferences, Symposium etc. Also encourages the students to participate in all types of career oriented co-curricular and extra-curricular activities.
• The Guest lectures are also arranged by department to enhance the academic standard and to cope with recent developments.
• Research papers are published and few faculty members are pursuing the research work.
• The Class test, home assignments are the regular activities in the department.

The MCA program aims at sound theoretical background as well as good practical exposure to students in relevant areas. It is intended to provide a modern industry based education in applied computer science.

Course Structure
3 years full time post graduation course spanning into 6 semesters. Last semester is project internship in a software company for the partial fulfillment of the course

Career Opportunities
• Software Developer
• Trouble Shooter
• System Analyst
• Software Consultant
• Technical Writer
• Software Tester
• Web Designer

The Head of Department: Dr. S.N. Deshmukh

MASTER OF COMPUTER APPLICATIONS
The Head of Department: Dr. S.N. Deshmukh

PG Course: Intake: 60 (First Year) as per DTE norms.

Vision
Build a strong technical teaching and learning environment that responds swiftly to the challenges and needs of the current industry trends.

Mission
1. Provide excellent post graduate education in a state-of-the-art environment, preparing students for careers as computer technologist in soft employment, industry, government and IT enabled sectors
2. Support society by participating in and encouraging technology transfer.

Program Educational Objectives:
• The students will be trained to apply knowledge of mathematics, science, computing and engineering.
• Engineers will be employed as software engineer in the field of information technology or pursue further advanced courses of education.
• To enrich students with the ability to identify, formulate, and solve computer science and engineering problems and to define the computing requirements appropriate to their solutions.
• Post graduates will communicate effectively, work collaboratively and exhibit high levels of professionalism and ethical responsibility.

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The MCA program aims at sound theoretical background as well as good practical exposure to students in relevant areas. It is intended to provide a modern industry based education in applied computer science.

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• Software Developer
• Trouble Shooter
• System Analyst
• Software Consultant
• Technical Writer
• Software Tester
• Web Designer

Highlights
• Well Equipped Laboratories
• Experienced and Qualified Staff
• Various Co-curricular activities
• Placement Assistance
• Hands on experience on academic projects
• Industry Institute Interaction
• Experts’ Lectures
• Industrial Visits
• Mini Project at each semester

APPLIED SCIENCE DEPARTMENT
The Head of Department: Dr. S.M. Arole

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• The Guest lectures are also arranged by department to enhance the academic standard and to cope with recent developments.
• Research papers are published and few faculty members are pursuing the research work.
• The Class test, home assignments are the regular activities in the department.
Aim of the Central Computing facility:
The aim of establishing Central Computing facility is to provide computing and internet facility to the whole campus and to support students in their project work, seminars and presentations also preparing instructional material as well as Desktop Publishing. It aims at campus Data management, storage and maintenance, ERP system management, Networking Services, managing Wireless Networks etc.

INTRODUCTION:
The Central Computing Center is fully air conditioned and distraction free. The Lab has 200 latest configuration computers with 19” LED TFT monitors and comfortable seating arrangement for students and staff. The computers are connected to high end Manageable switches (L2 and L3) which are behind secured Firewall. It has full generator backup solution to avoid power cuts and failure The Lab is secured with 16 CCTV cameras located at various locations. Two projectors with Public Addressing system are installed for special workshops and presentations that can be conducted in the lab. A mini-data centre is attached within the Central Computer Centre that has 16 high-end Rack servers which has Anti-virus server, Web Server, Mail server, Moodle server, Exam server, File Server, Database server, Cloud Server, ERP server, RIS Server and Log server. There is 90 MBPS fiber optic backbone internet connectivity for the institute which offers a super-fast browsing experience to all staff and students. The computer nodes and servers are operating in a network configuration as a part of total campus network. The center also offers fast Wi-Fi services in the campus for students.

EQUIPMENTS:

Servers: HP Proliant Quad core 2.8 Ghz, 4 GB RAM, 320 SAS RAID 2, 1 GBPS LAN Ports.
Nodes: Pentium i5 / i3 / Core 2 Duo/ 8 GB / 4 GB RAM, 1 TB / 500 GB HDD, 18.5” LED TFT, DVD RW, 1 GBPS LAN, Keyboard Mouse.

Additional equipments: High speed Scanners, Printers (Color / Black and White).

Functions / Services of Central Computing Facilities:
• Internet facilities
• Student Project supports
• Support for seminar, symposia, presentations
• Various institutes events
• Maintenance of ERP Server, Exam Server, JNEC website and Data bank
• Conducting Online University and college level Exams
• Maintenance and up-gradation of all computer hardware and software to avoid obsolescence
• Quick Heal Anti Virus solutions on all computers in campus with virus definition updates
• Cisco Router 3825 for managing WAN
• Cyberoam CR 500ING, Sonic wall NSA 5500 and Cisco ASA 5505 firewall appliances for Network and IT Security at Gateway level
• Mikrotik Router board for Wi-Fi management
• Viewpoint log server for recording logs of internet surfing
• Latest Projectors for presentations and seminars

HIGHLIGHTS:
• High speed 90 MBPS (1:1) dedicated Internet lease line with burstable upto 200 MBPS (1:4) on fiber optic.
• Complete Campus Network solution
• Fully Air conditioned and distraction free lab
• Camera Surveillance
• 24 hours activated internet facility
• Full Load generator backup for the lab
• Web services and maintenance
• Total institute level support of 1289 computers
• The computer to student ration as per actual student’s intake is 1:3
• Area provided for Central computing facility is 250 sqm.

Complete Wi-Fi ready campus with ability to provide Wi-Fi to all hotels in campus

SYSTEM MANAGER:
Mr. Sujeet More (ME CSE)
THE CENTRAL WORKSHOP

Aim of the Central Workshop Facilities

The Mechanical and Production aspects are an integral part of Engineering. Hence to impart practical exposure to Mechanical Engineering from the first Year, the central workshop has been established.

About Central Workshop

The workshop has sections like Machine Shop, Fitting Shop, Welding and smithy section, Forging, Foundry, Tin Smithy, Carpentary and Pattern making.

Machine Shop:
- Lathe machines, Milling, CNC Turning Centre, Drilling and Grinding machines, Hacksaws, Measuring devices, Gauges and various accessories. Recently 6 nos. of all geared lathe machines are installed.

Fitting Shop:
- Fitting tables with Vices, Angle plate, Surface Plate, Magnetic V blocks and Callipers, Height Gauge.

Welding and Smithy Section:
- Welding Transformers with accessories, Brazing Machines, Welding Booths etc.

Carpentry / Pattern making shop:
- Carpentry vices fitted on table, wood turning/planer, saws etc.

Forging and Foundry:
- Anvils, Blowers, Swage blocks, Tongs, Leg vices etc.

Production Process Lab:
- Production Process lab is recently developed with state-of-the-art machinery. An ideal lab most suitable for research related activities in Mechanical and Manufacturing Engineering.

CNC Lathe Machine and Engraving Milling Machine

Functions of Central Workshop:
- Central Workshop equips students with practical aspects of Mechanical and Manufacturing Engineering. Supports students for their projects, Maintenance jobs and assistance to all the Departments and Institute level programs.

Workshop Superintendent
- Prof. Dr. R. A. Kathar
- M.Tech (Thermal), B.E. Mech. Ph.D.

INDUSTRIAL ZONE

The high academic standards, strict internal evaluation, the state-of-art infrastructure and the most important vibrant student community make us a favoured destination for corporate giants. Shendra, Chitegaon, Gewrai, Chikalthana and Waluj MIDC Industrial areas are prominent industrial zones on the outskirts of Aurangabad city. Some of the major multinational groups that have set up manufacturing and processing plants around the city include:

- Bajaj Auto Ltd - Automaker (Two - Three Wheeler Maker)
- Skoda India - Automaker
- Siemens Ltd - Engineering
- Videocon - Consumer electronics and durables
- Cosmo Films Limited - BOPP Films
- Varroc - Automotive Components
- Wockhardt Ltd - Pharmaceuticals
- Pepsi - Beverages
- United Spirits Ltd - Liquor
- Foster India - Liquor
- Garware Polyester Ltd - Polymer Films
- IT Park - Software etc.
MISSION OF LIBRARY
To enhance knowledge and to instill thirst for learning among students which will enable them to develop an integrated personality and motivate them for valuable contribution to the society in future.

FACILITIES

Reading Room
The JNEC Library has seating capacity of 600 Students and it is always full during preparatory period and examinations. During this period library is open for 24 hours.

Book Bank
Needy and SC/ST students are provided with a set of books as per the syllabus, totally free of cost.

Established in the year 1983 and is spread over an area of 1587.75 Sqm.

Total books on Accession are 75543 while 20389 are titles.

The book bank system introduced for all the students in 1984 and has 19992 books.

SC/ST/OBC students get free books from book bank.

Biometric Books transaction.

Internet Facility DELNET/Springer Online books and journals.

Free snacks, tea and coffee is serve during PLs.

Water cooler facility

Biometric attendance for Library users.

LIBRARY SPACE

<table>
<thead>
<tr>
<th>(inSq.Mts)</th>
<th>Total space</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading room</td>
<td>972.4</td>
</tr>
<tr>
<td>Internet</td>
<td>13.78</td>
</tr>
<tr>
<td>Staking</td>
<td>522.58</td>
</tr>
<tr>
<td>News paper Reading</td>
<td>20.29</td>
</tr>
<tr>
<td>Staff Room</td>
<td>22.54</td>
</tr>
<tr>
<td>Cabins</td>
<td>12.78</td>
</tr>
<tr>
<td>Magazine/Journals</td>
<td>22.66</td>
</tr>
<tr>
<td>Technical process</td>
<td>11.68</td>
</tr>
</tbody>
</table>

BOOKS

- Subscribed 103 National journals and magazines.
- (DELNET) and Springer Facilities to search through abstracts and full text of technical papers and articles.
- DELNET and Gale Cengage Learning online journals are 3383.
- The photocopier facility is available for staff and students.
- The library is open for 24 hours during preparatory period and examinations including Sundays and Holidays.
- The library is automated through Database SQL Net 2008 (VB) based software developed by Qualsoft System Pvt. Ltd.
- OPAC (Online Public Access Catalogue)
- Open access system for books issue.
- Online Back Question Papers.
- Separate Library Website for student’s awareness.
- Subscribed 13340 E-Books (Springer and DELNET)

Librarian
Mr. Harkal S.B.
(M.A. B.Ed. M.Lib. NET, SET, TET)
THE HOSTEL FACILITY

JNEC campus has Hostel Facilities for girls and boys at Walkable distance. AC and Non AC rooms as per the choice of students are allotted to them

Amenities and Facilities
- Spacious recreation room
- Well furnished study hall
- A furnished visiting hall (for visitors)
- Round the clock security
- Emergency Alarm and fire extinguishers on each floor
- Well maintained and hygienic mess with spacious dining area.
- Laundry facility
- SICK ROOM
- VISITORS ROOM
- RECREATION ROOM

Supporting Services
1. MESS
2. LAUNDRY

Safety And Security Aspects
Safety and Security aspects are the prime concern for the management as precautionary measures. Safety : Adequate provision of fire extinguishers are available on each floor of the hostel complex. Security: 
- Provides adequate security arrangements.
- Provides adequate locking arrangement for the rooms during day as well as night.

THE SPORTS FACILITIES

Aim of the Facilities
The Sports facility is an integral part of educational activity. To keep students physically and mentally healthy. MGM has established huge sports complex with indoor and outdoor game facilities. The total area of sports complex is 9740 sq. m. out of which sports building area is 2513.61 sq. m. and area of courts is 14574.66 sq. M. MGM has professional and dedicated coaches with international sports facilities.

Membership
All the staff members are the members of sports club. All the staff members of MGM institution can avail the facilities in the sports complex. There is 20% Discount for faculty and 25% Discount for students.

Admission Procedure
1. Registration for membership
2. Issue of blank registration form from the office
3. Fully filled membership form along with a passport size photograph and membership fee form should be submitted to authority through the sport in charge of JNEC.
4. Deposition of registration fee for outside members only.
5. The identity card is given to members by incharge, MGM’S Sports complex.

Outdoor Facilities
1. Cricket ground
2. Foot Ball Ground
3. Volley Ball
4. Basket Ball
5. Lawn/Soft Tennis Court
6. Swimming Pool
7. Kho-Kho
8. Kabaddi
9. Golf (at Pategao)

Indoor Facilities
1. Chess
2. Carom
3. Badminton, wooden court
4. Health Club
5. Gymnasium
6. Table tennis
7. Rifle Shooting Range

Sports Incharge
Mr. Nilesh Harde (9404488030)
Mr. S. G. Zaveri (9422706484)
OTHER FACILITIES

BANK


STUDENT COUNSELLING AND GUIDANCE CELL

A student counselling and guidance cell was established in Dec 2005. The main objective of this cell is to provide academic and non-academic assistance to students.

INTERNET FACILITY

The internet facility for staff and students is available in the central computing lab till late in the evening. CSE, IT, Arch and ECT departments are provided with internet facilities. Internet facility is available in the library for students.

TRANSPORTATION FACILITY

The Institute is located in the heart of the city hence no transportation facility is needed. However, the available vehicles in the MGM Trust are used for industrial visits, study tours, etc.

Sustainable Campus Initiative

This campus follows energy-efficient practices with renewable energy sources like windmills and photovoltaic panels. An integrated approach towards campus water management is employed with the use of rainwater harvesting and greywater recycling systems.

GUEST HOUSE

The guest house of MGM campus has a capacity of 40 beds, including 10 single rooms, 2 VIP rooms, and 6 double-bed rooms with attached bathrooms.

KIOSK

There are eight kiosk points in MGM campus.

KALADIGHA

MGM Art Gallery for the exhibition of visual art.

MGM STUDIO

MGM has state-of-the-art infrastructure film studio for film production.

MGM SPORTS COMPLEX AND STADIUM

A well-maintained stadium in MGM campus to organize various indoor and outdoor sports events.

KALADIGHA

MGM Art gallery for the exhibition of visual art.

MEDICAL FACILITIES

All the departments of the Institute are provided with First Aid boxes to handle minor medical problems of students and staff. A full-fledged MGM Trust hospital is accessible from the JNEC campus.

REPROGRAPHICS FACILITIES

The library has a xerox machine, which takes care of all reprographic needs of the institute.

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LANGUAGE LAB

JNIE has language laboratories for staff and students to enhance language skills. The aim of the lab is to develop communication skills of the students.

ELECTRICITY AND POWER BACK-UP FACILITY

The Institute has a generator as an alternate arrangement during power failures.

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REPROGRAPHICS FACILITIES

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Standard Chartered Bank recently appointed a JNEC alumnus from ECT first batch Mr. Ajay Kanwal as head of the ASEAN and South Asia region including India.

Proud JNEC alumna Samidha Garud (1996 CSE) has made DocNMe, a patient collaboration solution for Gynaecologists and Obstetricians and her efforts were well appreciated at the FOGSI’s (The Federation of Obstetric and Gynecological Societies of India) National conference on High risk pregnancy, Modern Technology and Obstetric conducted by Aurangabad OBGY Society.

Our proud Chemical Engineering alumnus of 2001 batch who is director of Mega Engineering provides innovative and advanced technology for biofuels, chemical, food and pharmaceutical industries and also provide high performance energy efficient solutions to chemical process industry. Recently he received Star Performer Award at the hands of Honourable Railways Minister Suresh Prabhu a prestigious recognition by EEPC India. (Formerly Engineering Export Promotional Council)

JNEC alumnus Ms. Anju Jaswal received NRI of the year in professional category was declared for her high level of success in leading or managing an organization/department in her capacity as an employee. You can observe presence of Ms. Chanda Kochhar, MD and CEO, Shahrukh Khan, Mr. Naveen Chandra, Head of International Business, Times Network and other stars in the photograph. She was privileged to be part of all of events along with Mr. Dilip Bobade.

Proud JNEC Alumni of 1991 ECT batch Mr. Alok Sinha CEO Globus Eight Inc is featured on the cover page for CIOReview May 2016. He also further educated at Harvard Business School. Mr. Alok Sinha has been an established business leader, created multiple medium to large scale business units with more than 23 years of experience in Telecommunications, IT, Media and Technology. He is recognized industry expert on Cloud computing, Telecom and IT security. On panel of PC Quest, Data Quest and Better Photography magazines. He has moderated several CXO level summits. He was on the Prime Minister’s Malaysia delegation in 2002, representing Indian IT sector. He hosted television series on emerging technology for leading channel. He has established Project Management competency for IBM’s India business. He has executed over 200 projects.

Mr. Alok is author of book BBS, Modems and Email, published by Comdex Computer Publishing. He is also creator of PicUntu, world’s first Linux distribution for micro devices.

First batch alumni working at Mumbai felicitated then Principal Shri Pratap Borade for receiving Lifetime Achievement Award for his contribution in field of education by Shikshan Maharshi Vasantrao Kale Pratishthan. MGM secretary Shri Ankushkumarji Kadam, Shri Bhausaheb Rajale, Trustee Shri Dr. Sudhir Kadam, Retired Professor from IIT Bombay and Director MGM COET Dr. K.G. Narayankhedkar and Principal Dr. Sudhir Deshmukh were present at the occasion. All the alumni working in top positions in respective areas were present to proud to join their college uniform.

Convergence Reunion JNEC 2001

Globus Eight Solutions for a Secure Connected World of IT, IoT and Healthcare

Mr. Alok represents the Global Eight Inc, a leading player in the IT & Telecommunication sector. He has been recognized as one of the key players in the industry due to his expertise in Business Consulting and Project Management. He has spearheaded several successful projects and has been a part of the Global Eight Inc team since its inception. His contributions have been instrumental in shaping the company's success.

Meetings of JNEC Alumni Entrepreneurs’ Club in presence of MD of Jaypee Power Ventures Ltd and JNEC alumnus Mr. Suren Jain
1) Our proud JNEC alumnus (1994-ECT) Mr Rahul Dhoot received Lokmat Maharashtrian award of the Year-2018 (Industry Sector). This is one of the prestigious and highest recognition in Industry Sector in the state.

2) Keeping Pratap Borade sir’s ideology as a benchmark and with an objective of recognizing the concern and contribution of Borade Sir in the field of education, a committee was formed under which it was unanimously decided and further Anubandh, JNEC alumni association eagerly patroned this initiative. It was finalized to distribute three prestigious awards among the JNEC students from this academic year itself, wherein, the felicitation of meritorious would be honoured with Student of the Year and Shishyottam Puraskar while the students embracing a parivartan in their college life would be honoured with Parivartan Puraskar. Final year all rounder students with strong academics, attendance, discipline, co-curricular activities, Paper presentation, Competitive exam score were the eligibility criteria for student of the year award and Shishyottam Puraskar while the second year students who against all the odds got enrolled for this course and are performing reasonably well academically were nominated for the Parivartan Puraskar and were screened based on their financial, social background along with their attendance, academic performance and other co-curricular activities. Funds were generated with the sales of books about Borade sir and contributions from his well wishers.

Award winners for 2017-18 are Parivartan Puraskar (Memento and Rs 10001/-) Mr Pranav Pande (IT) Student of the Year (Memento and Rs 10001/-) Mr. Deepak Datta Nirmal (Mech) Heartiest congratulations to all proud winners of JNEC.

3) We were privileged to have our proud Alumni Mr. Meghraj Gore and Ms. Anju Jaiswal as the chief guest for Razmataz 2018, the biggest cultural programme of JNEC.

4) This time we were lucky to have our proud alumnus 1988 ECT, Topper, Mr. Sandeep Kalyankar and his brother Mr. Abhijeet Kalyankar 1996 Mech as Guest for the prize distribution of sports event.

5) The proud alumni and experts Mr. Rushikesh Jaju along with his wife as judges in Razzmataz 18 for some of the events, and Mr. Shirishath Kandi along with Ms Supriya as judges for singing competition. The winner for many years in dance, Garba performance at Aurangabad Mr. Sachin Chavan and Ms. Kalpana Chavan as judges for dance and group dance performances.

6) The sun never sets on JNEC alumni empire. Yes, JNEC alumni are working and contributing all over the world (around 36 countries) such as New Zealand, Australia, Japan, South Korea, South Vietnam, Indonesia, Malaysia, Singapore, Hong Kong, China, and even many parts of India, many countries in Africa, Europe and South East Asia, almost all provinces of USA, Commonwealth of Dominica, this India, Canada. Destinations of JNEC alumni on this globe with available data are mapped by asterisk on this world canvas.

7) 1987 proud alumni of JNEC Mr. Mangal Kakkad, Commander-in-Chief Indian Navy was the chief guest for the flag hoisting ceremony on 26th January 2018 at MGM’s Stadium to symbolize his love and respect towards the Nation and his College. The day was also celebrated by all the alumni of 1987 and 1988 batch as Reunion.

8) JNEC Alumni Association, the third pillar of JNEC alumni empire, a New initiative by JNEC alumni association is triggered by our proud alumni Mr. Manoj Kabre and Mr. Laxmikant Bhakre. Old books received from JNEC alumni will be given to present students as per their requirement free of cost and without any norms. JNEC book ganga during the academic year 2017-18 books cost around 75000/- were distributed among students donated by Our proud Alumni.

9) JNEC Alumni one of the most vibrant, connected and concerned fraternity will have now its own office as ANUBANDH JNEC Alumni Association. Hope for many exciting plans soon for the visitors.

10) 1992 chem batch reunion with Hon’ble Secretary on 12 August 2017.
Aims of Training and Placement Cell

- To provide opportunities of Industrial exposure through Internship or in-plant training.
- To guide students for the higher studies and competitive examinations.
- To liaise with companies for final placements through campus and off campus placement drives.

Activities of Training and Placement Cell

- Leasing companies for final placements through campus and off campus placement drives.
- Guiding students for the higher studies and competitive examinations.
- Providing opportunities of industrial exposure through internship or in-plant training.

Company Placements Dept.

- Company
- Placements Dept.

Company Placements Dept.

- Company
- Placements Dept.
SPORTS ACTIVITIES

- A team of JNEC students participated in inter-collegiate tournament’17, organised by Dr. Babasaheb Ambekar Marathwada University AURANGABAD and bagged first prize in Swimming competition.
- Mr. Raviraj Pawar student of B.E. (Civil) participated in inter-collegiate tournament’17, organised by Dr. Babasaheb Ambekar Marathwada University AURANGABAD and bagged first prize in Lawn Tennis.
- Mr. Nikhil P. Pardeshi student of B.Tech (Civil) class got second prize in All India Inter Engineering Tournament of Badminton held at Pune.
- Mr. Chandranand Kumar student of B.Tech (Civil) got Silver Medal (Runner, Second, Prize) in State Level Boxing competition held at Jalgaon. He also represented in Vidarbha Cricket Association Under 19 Team.
- Mr. Rahul Kulkarni student of B.Tech IT is selected in Vidarbha Cricket Association Under 19 Team. He also represented as a Member in Vidarbha Cricket Association in State Level Azlan Shah Trophy in 2018.

THE STUDENTS’ COUNCIL

Aim of the Students’ Council
The council aims at the versatile development and betterment of the students. The students’ council organises various events which provides a platform for exploring technical, cultural and sports talents in students.

Students’ Council Constitution
President: Dr. H. H. Shinde (Principal)
Staff Advisor: Prof. S. A. Annadate
General Secretary: Mr. Pradeep Doifode, B.E (Civil)
Cultural Secretary: Mr. Shubham Suman, B.E (CSE)
Mr. Satyam Bhat, B.E (EEP)
Sports Secretary: Mr. Amit Kumar, B.E (Mech)
NSS Secretary: Ms. Renuka Singare, B.E (IT)
Ladies Representative: Ms. Sneha Gosavi, B.E (Civil)
Divya Kasare, T.E (ECT)

Students’ Council Activities
- The students’ council members organised Communal Harmony Week.
- Students’ from JNEC drama club participated in Purushottam Karandak 17 at Jalgaon and Firodiya Karandak 18, Pune.
- RAZZMATAZ 18: A grand cultural fest wherein a spectrum of different cultural events and performances were observed.
- The students’ council members organized various sports activities wherein more than 2500 students participated.
CULTURAL ACTIVITIES
RAZZMATAZZ’18 was inaugurated at the hands of our Alumni Mr. Meghraj Gore (Chem. Engg. Batch 1996) (Chief operating officer (south and west), Fortis Healthcare Limited, New Delhi, India) as Chief Guest and Ms. Anju Jaswal (ECT Engg. Batch 1993) (Managing Director, Strategic Planning and Development South East Asia, Azbil Corporation, Singapore) as guest of honour.

Following activities were Organized in Razzmatazz’18:

- Dandia Night, Bharari, JNEC Quiz contest, Kavya vachan, Fusion, Drama, Nazzrana night, Show Bitz, Dept. at a glance, Fun games, Singing Competition, Dance Competition, Comedy Evening with JNEC, Personality Contest, JNEC Adalat and Alumni Get Together etc.
N.S.S. ACTIVITIES

Highlights

• Clearance drives
• Shaadi Mohon at Mehghat
• Blood donation camps
• Independence day parade
• Tree Plantation
• Women’s Day Celebration
• No Vehicle day for Pollution Awareness
• Matoshree Visit (Old age Home)
• Lecture talks on social issues
• Graffiti with theme of women empowerment at Hatmali village
• Campus for “URJA MITRA” by students of (J.N.E.C Chapter)
• Blood Donation Camp
• Food Cloth Donation
• Blood Donation Camp: According to a WHO report, despite being the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units. This year NSS unit visited various places like Sahara Anirudh, Matoshri old age Home, Lilian deaf School, Navjeevan school, Vidhyapith Orphange, Snehulay etc. in which we have organized various social activities such as cleanliness programs, Social awareness programs, Rahibadhan day at Navjeevan Rose Day Celebration With Workers.

National Service Scheme Activities (N.S.S.)

(J.N.E.C Chapter)

Activities:

• Donations
• Food Cloth Donation: Naveyivan is a school for mentally retarded students. JINEC NSS unit donated food grains, Cloths, Refrigerator, Pressure Cooker by organizing various donation program in JINEC Campus.
• Blood Donation Camp: According to a WHO report, despite being the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units, while the country with a population of 1.2 billion, India faces blood shortage of 3 million units. This year NSS unit visited various places like Sahara Anirudh, Matoshri old age Home, Lilian deaf School, Navjeevan school, Vidhyapith Orphange, Snehulay etc. in which we have organized various social activities such as cleanliness programs, Social awareness programs, Rahibadhan day at Navjeevan Rose Day Celebration With Workers.

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• Interaction with Children’s and villagers.
• Various Awareness Programs For villagers.
• Education through games for small children.
• Soak pits for villages.
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• Thirty Students of Architecture Dept. visited Hatmali village on 1st Feb. 2018 under the guidance of Prof. Arun Deshpande and initiated the activity contribution by doing Graffiti work for "Urjita Mitra" (women's organization). The intention of the activity was to create a vibrant and energetic working environment at the workshop of "Urjita Mitra" who does post harvesting procedures on farm products. Under this students have painted building surfaces/ compound wall with graffiti showing the successful journey of women workers who contributed in success of the organization giving a message of the women empowerment.
• Lecture Talks:
  Mr. Achin Pawade one of our alumni has guided us on NSS Activities. He has invented his own solar drier and he is doing his business in 12 countries. He guided us on Social entrepreneurship. Feed back from student was very positive. Mr. T. R. Patil is NSS coordinator of Dr. BAMU University guided our students on NSS Activities - The session was inspirational for the students JINEC NSS unit has organized various lecture talks in 2017-18 for welfare of student sand society by various initiative personalities. The talks were about Social awareness, spirituality, health, mental fitness, career development, professional, sex education etc.
• Awareness about relationships by Adv. Archana Gondhalekar
• Know your rights by Dr. Smita Awachar.
• Sex Education: Dr. Ajay Mane and Dr. Swati Shiralkar skills
• Shaadak Mohin at Melghat:

To reduce child death and malnutrition in remote regions of “MANTH” an NGO located in Pune started a monsoon campaign known as DHADAK MOHIM, main motto behind this is “NOTTOLETA SINGLE CHILD DRI” During the rainy season. As per last years this year also we had participated from 16th August to 24th August as a pilot batch of 25 students and 2 teachers in this DHADAK MOHIM. In this pilot batch we worked to collect all data of pregnant women. Children between 0 to 6 year and other people in villages to know their general problems.

We learned so many things in this campaign. We got opportunity to Interact with the Korkus and Gaunds (adivasi) of melghat to know their culture. We also took cleanliness activity in villages and street play on cleanliness drive awareness and the great thing is that in our presence, not a single child or woman died due to lack of treatment.

We got to know the problems of the adivasis and the locality at same time we also enjoyed the beauty of nature and the rainy atmosphere of Melghat.
• Residential Camp:

Camp at Malewadi, Tq + Dist: Aurangabad. As per every year, in 2017-2018 also NSS unit has organized a residential camp of 7 days (12 th Jan to 19 th Jan) at Malewadi, Tq + Dist: Aurangabad. 75 students and 4 faculties of NSS unit stayed at Malewadi. Those 7 days were well planned for various activities such as:
• Drainage line design for village.
• Soak pits for villages.
• Various Awareness Programs For villagers.
• Education through games for small children.
• Interaction with Children’s and villagers.

• Shaadak Mohin at Malewadi:

For “URJA MITRA” by students of Architecture.

• Graffiti with theme of women empowerment at Hatmali village for “URJA MITRA” by students of Architecture.

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Technical Excellence

- Mr. Amey Bagul, a student of Mechanical Engineering, participated in "Enduro 2018" and received 22nd rank in endurance race in India.
- Dr. S. N. Deshmukh published a paper entitled "Effect of Environment on Pectin from Sweet Lime".
- Mr. Amey Bagul, a student of Mechanical Engineering, participated in "SWAMBIHU-2018", a Technical Fest and has been selected in 'Sanveo'.
- Dr. V. M. Arole was honored by Lions Club of Aurangabad Midtown with their prestigious award "Lions Adarsh Shikshak Puraskar 2017".

Students of Mechanical Engineering have organized "ICMIE-2017" in association with IIT Bombay.

- A team of students from Mech. Engg. Dept. participated in "Formula Bharat 2018" and received IInd prize in India and won prize of Rs. 1 Lakh also received Dirt-X 2nd rank in India and won prize of Rs. 40,000/-.
- The team also recognized for "Extraction and Characterization of Peroxidase from Sweet Lime".
- Dr. O K Mahadwad presented a research paper on "Formation, analysis, and Characterization of wood pyrolysed oil" in 25th Symposium of Malaysian Chemical Engineers (SCOIME) Conference, Miri, Sarawak, Malaysia.
- The department of computer science and Engg. has industry-sponsored labs by Wipro, Afour Technologies and Parallel Computing lab by NVIDIA, Virtual Lab Nodal Centre under IIT Bombay and MOU's with reputed companies to instill in students an attitude of continuous learning and research culture.
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- "ICGSM 2018" IEEE sponsored international Conference was hosted by CSE and IT Dept. on Intelligent Systems and Information Management. Wherein three hundred eighty papers were registered and hundred were selected for presentation at the conference.
- CSE department has Virtual Lab Nodal Centre in association with NVIDIA, Virtual Lab Nodal Centre under IIT Bombay.
- Two teams of students from CSE department presented/published their paper in "IMPETUS and CONCEPTS 18" PCT Pune project competition and won 3rd and 4th prize.
- "SWAMBIHU-2018", a Technical Fest has been organized at JNC on 30th and 31st March 2018. This event provided a platform for participants to perform, innovate, create, excel and enhance their technical knowledge.
- The two day event was organized in association with professional society student branches CSI, IEEE, IETE, IIE, SAE-BAE, IE and INSAAN at JNC.
- Dr. S. C. Tamane head of IT Dept. has been invited as a panelist for International Conference at Mauritius during 8th and 9th Nov 2017 in the panel discussion towards sustainable developments goals in India hosted by UKZN, Durban South Africa in association with eMIG and Open University Mauritius.
- Dr. S. C. Tamane head of IT Department. Published an Edited Book On Privacy and Security Policies in Big Data.
- Department of Architecture motivated students and executed live project of beautification of the spaces below Dargah Flyover, Cannaught Corner and gave a proposal to revive the left out space of Salim Ali Lake in Aurangabad.
OUR FACULTIES

Civil Engineering Department

Mr. S. B. Shahane
Ms. M. M. Dhole
Mr. N. B. Bhagat
Mr. R. G. Kulkarni
Mr. S. B. Pinto
Mr. S. R. Jadhav
Mr. G. R. Agarwal
Ms. S. R. Kondekar
Mr. V. S. Agrawal
Dr. S. S. Deshmukh

Mechanical Engineering Department (U.G.)

Mr. D. S. Kadam
Mr. D. D. Kadam
Mr. S. B. Kale
Mr. S. D. Kadam
Mr. D. S. Kadam

Mechanical Engineering Department (P.G.)

Mr. D. S. Kadam
Mr. D. D. Kadam
Mr. S. B. Kale
Mr. S. D. Kadam

Mechanical Engineering Department

Mr. S. B. Kadam
Mr. D. S. Kadam

Electronics and Telecommunication Department

Mr. S. S. Sane
Mr. S. S. Sane

Computer Science and Engineering Department

Dr. S. D. Deshpande
Mr. S. N. Jaiswal
Dr. V. B. Musande

Information Technology Department

Dr. S. C. Dange

Training and Placement

Dr. A. R. Kulkarni

Civil Engineering Department

Mr. S. B. Shahane
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Mr. S. B. Pinto
Mr. S. R. Jadhav
Mr. G. R. Agarwal
Ms. S. R. Kondekar
Mr. V. S. Agrawal
Dr. S. S. Deshmukh

Mechanical Engineering Department

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Mr. D. S. Kadam

Electronics and Telecommunication Department

Mr. S. S. Sane
Mr. S. S. Sane

Computer Science and Engineering Department

Dr. S. D. Deshpande
Mr. S. N. Jaiswal
Dr. V. B. Musande

Information Technology Department

Dr. S. C. Dange

Training and Placement

Dr. A. R. Kulkarni
Activities:

- Competitions and Travelling Exhibitions
- Presentations and Talks on successful and respected photographers

Awards and Recognition:

- Bank Rollit of RMS
- Naming for Architectural Photowalk Photography Competitions
- Prof. Makar Lohand and Ankit Talwakar, Wildlife Photography Competitions organized by Delhi Param. and FIRODIYA Karandak 16
- Mr. Varadh Waghmare of batch 2017, selected in Film and Television Institute of India (FTII) for workshop, this year 5 photowalks and 3 workshops are organized by the group

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Activities:

- Movie Projection/Model Tree plantation
- Rain water harvesting/Solid Waste Management
- Celebration of International Water Day (22nd March) and Earth Day (22nd April)

Faculty coordinator: Prof. S.A. Islam (Mech Dept.)

3. JNEC MUSIC CLUB:

Faculty coordinator: Prof. S.A. Islam (Mech Dept.)

Activities:

- Second prize in drama youth festival 18 at Tuljapur
- Participation in FIKSHUN and FIBRE DAY CLUB 18
- Mr. Suyat Waghmare photography competition in National-Olympus
- Recognition and Award for Best Debating team in FIBRE DAY Karanad 18

Faculty coordinator: Prof. A.M. Mohsin (IT Dept.)

4. JNEC GREEN CLUB:

Faculty coordinator: Dr. Abhay Kulkarni (CSE Dept.)

Activities:

- To create awareness about various technical opportunities among the students
- Groups organized various photography and workshops. We have 7 workshops and 8 workshops are organized by the group
- Mr. Mandar Lokhande awarded by Govt. of Maharashtra for his photography on wildlife

Astronomy Club:

Faculty coordinator: Shejul [Civil Dept.]

Activities:

- Participation in sky watching sessions using telescope and observed the stars, the moon and meteor
- The students were participated in "International VOS" (App. sci. Dept.)

5. SAE club:

Faculty coordinator: Prof. A. M. Wadage (Civil Dept.)

Activities:

- First prize in SAE INDIA. JNEC Ashwa team got second prize (Rs 40,000) in Dirt-X second prize in Dynamic event and won second prize in zonal university youth festical (National-Olympus)

6. Science and Astronomy Club:

Faculty coordinator: Prof. A. M. Wadage (Civil Dept.)

Activities:

- To arrange the science and activities and cultivate the students' vision among the technical students is core objective of this club.
- Participation in sky watching sessions using telescope and observed the stars, the moon and meteor
- The students were participated in "International VOS" (App. sci. Dept.)
• Barrier free environment for physically challenged persons is observed in the premises by providing ramp, escalator, elevator facility.

• Cigarettes, Tobacco products and other narcotics (drugs) are prohibited in college premises and subsequently brought awareness about the after effects. A strict action is liable.

• Prevention of Ragging and Capitation fee

• Anti Ragging Committee:

  S. No. Name of the Member Category of representative
  1. Dr. H. H. Shinde (Principal) Head
  2. Dr. R. R. Deshmukh (Dean Academics) Member
  3. Dr. S. B. Ubale (Mech.) Member
  4. Dr. V. B. Musande (CSE) Member
  5. Dr. V. B. Malode (ECT) Member
  6. Mrs. A. K. Dashrathe Member
  7. Dr. Abhay B. Kulkarni Member
  8. Dr. Vinita Joshi Member
  9. Mr. Sunil Kirdak Member
  10. Mr. F.I. Shaikh Member

GRIEVANCE REDRESSAL COMMITTEE (Students):

  S. No. Name of the Member Category of representative
  1. Dr. H. H. Shinde (Principal) Chairman
  2. Dr. S. B. Ubale (Mech.) Member
  3. Dr. V. B. Malode (ECT) Member
  4. Mrs. V. V. Musande (CSE) Member
  5. Mrs. Aishwarya Joshi (Registrar) Member

GRIEVANCE REDRESSAL COMMITTEE (Staff):

  S. No. Name of the Member Category of representative
  1. Dr. H. H. Shinde (Principal) Chairman
  2. Dr. S. B. Ubale (Mech.) Member
  3. Dr. V. B. Malode (ECT) Member
  4. Mrs. V. V. Musande (CSE) Member
  5. Mr. S. B. Ubole (Mech.) Member

SC/ST Committee:

  S. No. Name of the Member Category of representative
  1. Dr. H. H. Shinde (Principal) Chairman
  2. Dr. M. S. Kadam (Mech) Member
  3. Dr. S. B. Ubale (Mech.) Member
  4. Dr. V. V. Musande (CSE) Member
  5. Dr. S. C. Tamane (IT) Member

Internal Complaint Committee (ICC):

  S. No. Name      Position Held Category of representative
  1. Dr. H. H. Shinde Chairman
  2. Dr. R. R. Deshmukh (Dean Academics) Member
  3. Dr. S. B. Ubale (Mech.) Member
  4. Dr. V. B. Malode (ECT) Member
  5. Mrs. Aishwarya Joshi (Registrar) Member

IQAC (Internal quality Assurance Cell):

  S. No. Name of the Member Category of representative
  1. Dr. H. H. Shinde (Principal) Chairman
  2. Dr. R. R. Deshmukh (Dean Academics) Member
  3. Dr. S. B. Ubale (Mech.) Member
  4. Dr. V. B. Malode (ECT) Member
  5. Mrs. Aishwarya Joshi (Registrar) Member

Divyang Committee:

  S. No. Name of the Member Category of representative
  1. Dr. H. H. Shinde (Principal) Chairman
  2. Dr. P. F. Fadnis (App.Sci.) Member
  3. Dr. S. C. Tamane (IT) Member
  4. Mrs. A. K. Dashrathe Member
  5. Dr. Abhay B. Kulkarni Member

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  4. Dr. S. C. Tamane (IT) Member
  5. Mrs. V. V. Musande (CSE) Member

PG Courses :

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Post Graduation Courses Offered:

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