



YENEPOYA
INSTITUTE OF TECHNOLOGY

Yenepoya Institute of Technology

(Affiliated to VTU, Belagavi and Approved by AICTE, Delhi)

N.H. 13, Thodar, Moodbidri, Mangaluru-574225 (D.K.), Karnataka.

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CET CODE E-165
COMED K CODE E-043



Build Your Career With Us...



Prospectus 2017-18

A brief overview of the Yenepoya Group

The Yenepoya Group of Companies, established in 1940, by the late Mr. Yenepoya Moideen Kunhi, at Ashoknagar, on the banks of the river Gurupura is today a business conglomerate spanning a plethora of diversified business and service activities. A progressive organization with over 3,500 employees under its wings, and machinery perfectly integrated with professionalism as the keystone of a remarkable success story spanning across six decades. The Yenepoya Group has developed into one of South India's foremost and highly reputed industrial groups. The humble beginning with trade in timber to the setting up of the Yenepoya University - the growth has been eventful and encouraging.

For the Yenepoya Group, it has never been about doing different things but doing things differently. The Yenepoya Institute of Technology aspires to grow in the gracious patronage of Yenepoya Group of Companies and contribute its might in its area of specialization in the years to come.



Vision Statement

YIT will set the standard for engineering sciences education in the twenty first century.

We are committed to creating new milestones and standards for students to experience an unparalleled educational journey that is intellectually, socially and personally transformative



Mission Statement

YIT will endeavor to educate and transform the student community by instilling in them pride in their gifts and talents, nurturing them and guiding them in how best to utilize it for human welfare and progress



Yenepoya Abdulla Kunhi
Honourable Chancellor,
Yenepoya University

Chancellor Message...



*D*ear aspirants,

The education that you choose today will shape your tomorrow. The world today seeks young minds, like you, who are inspired and trained to think innovatively. We at Yenepoya Institute of Technology (YIT) consider that every student is inherently gifted with unique potential and it is our continuous endeavour to bring this talent to the fore, in our efforts to transform your career. We impart training with values and competencies to help you face the challenges of the academic world and beyond.

This prospectus will give you a glimpse of various programs offered at our institute as you make the most crucial decision of your life.

As W.B. Yeats said “Education is not the filling of a pail, but the lighting of a fire”. We at YIT, advocate such a model of education. The Institute focuses on the holistic development of the individual that equips students to be creative and socially competent leaders of tomorrow. At YIT, students are given the platform to learn, adapt and think differently through innovative teaching methodology. We aim to give you the opportunity to spread your wings within a safe and exciting environment.

I am looking forward to welcome you and your dear friends to experience the essence of true education at YIT. Be assured that your experience with us here will be a rewarding and inspiring one.

Wishing you a great future ahead.

Yenepoya Abdulla Kunhi
Chancellor
Yenepoya University



Dr. R. G. D'Souza
Principal
Yenepoya Institute of Technology

From the Principal's Desk...



Experience serves not only to confirm theory, but differs from it without disturbing it; it leads to new truths which theory only has not been able to reach. – D'Alembert.

At the Yenepoya Institute of Technology, engineering education is imparted by incorporating a good pedagogy and integrated programmes to create learning experiences with right interpretation of facts. Experiential Learning or hands on training is the key to quality technical education and this is clearly achieved at our institute with co-curricular programmes and laboratory facilities. Innovation and creativity are like peas in a pod and it is the inquisitive mind that has a hunger to gather more and more information, create a knowledge pool and use relevant content to experiment, create and innovate. Through project-based learning our students get an opportunity to look at a problem from different perspectives and look for solutions; which prepares them to combat the demands of the different industries/entrepreneurships

Our classrooms are aimed to provide for collaborative and comprehensive learning that would enhance the learning experience and prepare the students for challenging roles in the future. Therefore, we believe that there is a constant need for technical educators to update and upgrade. Our faculty also need to learn, un-learn and re-learn to remain contemporary and fill the

need gaps in learning. Trained faculty with research oriented mindset are a part of our team which imparts technical knowledge to future ready engineering graduates

Education is about 'Learning for self and acquiring the wisdom of life'. The definition of success can vary with perspectives. With success comes the attitude towards winning and spirit of achievement; and education should aim towards preparing the mind-set for excellence. Excellence can be achieved in various fields depending on an individual's skills and capabilities.

Technological growth and business initiatives have provided a lot of opportunities for employment. Engineers play an important role in improving the standard of living of the society. Future Engineers are given education, and moulded at engineering institutions. As the head of the institution I assert that character building is an important area of growth along with excellence in multiple disciplines for my students. At YIT focus is on value-based learning, soft skills development, leadership training, the art of self-governance, crisis management and so on. Finally education is all about providing specialized skills and negotiating tools to the coming generation that can be used constructively for the betterment of mankind.



YENEPOYA INSTITUTE OF TECHNOLOGY

Yenepoya Institute of Technology was established in 2008 with the monumental objective of promoting academic excellence and competence in students, especially in the fast-growing global domain of Engineering Technology and Management. The Institute has made a remarkable progress since it's in compute in every aspect. Due to the quality of education and training provided by its dedicated faculties and the infrastructure available, It has become one of the reputed Institute in Karnataka. This renowned Institute is now owned by the Islamic Academy of Education of Yenepoya Group of Institutions and Yenepoya University - An organisation well known for Quality Education.

Yenepoya Institute of Technology is located in the picturesquely beautiful Moodabidri, Mangaluru, Karnataka. The college stands out for its magnificent buildings and ultra-modern infrastructure; a fascinating blend of architectural excellence and functional values. We are committed to the ideals which we preserve and believe in. Yenepoya Institute of Technology has been a forerunner and prime mover in imparting technical education in Mangaluru, Karnataka. Affiliated to Visvesvaraya Technological University, approved by AICTE New Delhi. This Engineering College has grown by leaps and bounds since its inception in 2008.

Salient Features:

Yenepoya Institute of Technology is nestled in the midst of nature which further enhances overall growth across the entire loci.

Facilities

Well furnished and ventilated lecture halls equipped with modern audio-visual devices and advanced learning methodologies.

- ◊ Spacious Laboratories with modern equipments and Technologies.
- ◊ Hostels for boys and girls within the campus with modern amenities.



Digital Library

- ◊ The institution has a spacious library and sufficient volumes of books with more than 3000 titles
- ◊ Subscription of national and international journals
- ◊ Special features of Digital library and E-library
- ◊ Subscribed E-journals/Digital library packages such as IEEE online journals, J-Gate, DELNET.
- ◊ Reprographics facilities.



Internet

The College has high speed internet connection with Wi-Fi for the entire campus. Digital environment create great exposure for advanced learning.

Open air Theater:

Modern open air theater with a scaling capacity of 1000 audience, having all facilities for conducting cultural and academic programs.



Food Court:

The College canteen strives to cater the needs of students, staff and visitors. Canteen is providing hygienic food with both vegetarian and non-vegetarian menu in separate venue.



Sports:

Facilities for indoor and outdoor games. Spacious playground located within the campus.



Seminar Hall:

Air conditioned state of the art Seminar hall with a scaling capacity of 300 students to conduct the seminars and workshops. It is fully equipped with audio and video facilities.



Transportation:

YIT maintains a fleet of vehicles including several buses to transport students to their respective study centers and to their hostels.

Admission Criteria

- ◆ Admission to Engineering Colleges in Karnataka is centralised and is through CET / COMED K / Management Seats.
- ◆ A candidate seeking admission to B.E. course must pass in Pre-University/10+12/ or any equivalent examination with 45% aggregate of marks (40% for reserved categories) in Physics, Mathematics and one of the following as optional subjects: **Chemistry, Biology, Biotechnology, Computer Science or Electronics.**
- ◆ English should be one of the subjects of study.
- ◆ Students who have successfully completed three years Diploma with minimum of 50% marks are also eligible for admission to 2nd year lateral entry.

ACTIVITIES



Department of Computer Science and Engineering





Scope of the course:

Computer Science Engineering Technology drives the world and has become an indispensable part of human civilization. Prospective computer technologists are supervised and guided by experts to study and solve complex problems in computing in all walks of human endeavour especially in business, science, medicine, and education sector. Booming IT sector in India has plenty of jobs for fresh computer science graduates. So Computer science gives never ending opportunities to the fresh graduates and now a days the freshers moving a step forward to establish their own software company.



Facilities:

Computer Science Laboratory:

- ◊ All the Laboratories are connected to LAN and UPS power are made available to the entire department.
- ◊ Students are provided with individual work-spaces and computers consisting of Latest Configurations.
- ◊ The department also houses its very own server room.
- ◊ The department hardware laboratory is equipped with educational tools to promote interest and better understanding of computer hardware and peripherals among the students.
- ◊ 8085/86 Microprocessor trainer kits are used to provide hands-on experience to students in basic hardware.



Department of Information Science and Engineering



Scope of the course:

Information Science Engineering not only grooms research scientists who have passion for invention and novel design of new technology and explore new vistas for the use of existing technology. Information technology student can start his career as IT engineer. Career in IT is considered one of the most high-paying jobs and is full of opportunities, particularly when India's prowess in information technology industry is recognized across the globe.



Facilities:

Information Science Laboratory:

- Desktop computers are allotted to each enrolled student and are regularly upgraded to the latest specification for best user experience and productivity.
- All the Laboratories are connected to LAN and UPS power are made available to the entire department.
- The department regularly upgrades these computers to stay abreast with the latest available technologies.
- The department also houses its very own server room.
- The department hardware laboratory is equipped with educational tools to promote interest and better understanding of computer hardware and peripherals among the students.
- 8085/86 Microprocessor Trainer kits are used to provide hands-on experience to students in basic hardware.



Department of Electrical and Electronics Engineering



Scope of the course:

The E & E program provides the fundamental basis for all electrical measurements, research and calibration programs in this branch of study. It trains the students to meet the most critical measurement needs for the manufacture and operation of electrical and electronics systems. The technological demands for the globalizing world makes the qualified professionals much sought after.



State-of-art Facilities

Department equipped with well furnished spacious labs with the latest in modern technology and trained technical staffs.

1. Analog and Digital Systems Lab:

This Lab provides hands on training in Analog Electronic Circuits, Digital Electronic Circuits, Digital System Design, Microprocessors and Micro controllers and Embedded System Design.

2. Computer Lab:

This Lab has got 60 computers with engineering software. The simulation exercises carried out will lead to better understanding of the concepts.

3. High Voltage and Relay Lab:

The facilities established will be used for experimentation and demonstration to acquire knowledge in the high voltage area. High Voltage Test System (110kV Impulse generator, DSOs, Oil test kit, High precision Megger, Digital earth resistance tester, etc.) Cable fault-locating system. (route-tracers, surge generators etc.)

4. Electrical Machines Lab:

The experiments conducted on different types of machines enable students to practically see the operation and characteristics of the machines and their suitability for different applications.

5. Power Electronics Lab:

The Modules in this lab facilitate building up of power electronic circuits for control of different equipments used in the industry.

Department of Electronics and Communication Engineering



Scope of the course:

The Advancements in microelectronics, satellite and optical fibre technology, analog and digital in communication techniques has resulted in developing complex electronic devices, circuits and equipments which are capable of implementing fast and efficient telecommunication systems. ECE offers scope in the field of Research, Mobile Communication, Microwave Communication, Robotics, Defense, Radio Communication, TV broadcasting, Telegraphy and Telephony, VLSI Design, DSP, Nuclear Science, Wireless Communication and Biotechnology.



Facilities:

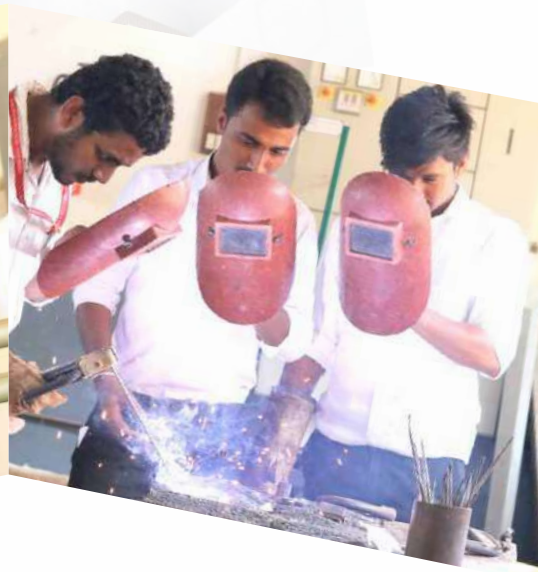
The department has well equipped lab and being upgraded with time and technology. The department is continuously updating its facilities to make students excel in all respects in the area of Electronics and Communication Engineering, and also extracurricular activities.

Department of Mechanical Engineering



Scope of the course:

Mechanical engineering is one of the oldest and broadest engineering discipline. It is an engineering branch that involves the application of physics, principles for design, analysis and maintenance of mechanical system. Mechanical engineers use the core principles as well as other knowledge in the field to design and analyze Automotives, aircraft, space craft heating and cooling systems, manufacturing plants, industrial equipment and machinery and more.



Facilities:

The department is fully equipped with the required facilities for effective delivery of lectures, state of the art computational facilities and laboratory facilities. More emphasis is being given to practical classes through effective, elaborate and rigorous laboratory classes to reinforce the theoretical knowledge gained during theory classes.

The Mechanical Engineering Students' Association METALLONS of YIT aims to play a pivotal role in the development of students as engineers by various out-of-curriculum and extracurricular activities.

METALLONS aims to inculcate among its members an awareness and appreciation of the various disciplines of not just Mechanical Engineering but also other relevant fields. By way of its activities METALLONS aims to be a platform for all the students of YIT in general and particularly of the students of Mechanical Engineering department.



Department of Training and Placement



The Department of Training and Placement of our institution plays a pivotal role in counseling and guiding the students for their successful career placement which is a crucial interface between the stages of completion of academic program of the students and their entry into the suitable employment. In addition to campus placements, the Department organizes Professional Development programs like mock interviews, Group discussions, pre-placement talks, interactive sessions with industrial experts, case studies etc. and Personality Development programs covering communication skills, presentation skills, career planning etc., on a regular basis to enable the students to acquire the necessary traits to become saleable to industries. This adds to the credentials of the students and builds the quality

On an average 85-90% of eligible students are placed in last 3 years in leading companies like Infosys, Tech Mahindra, Mphasis, Sunquest, Verdantis, Impelsys, Alpha Nine Marine Services, SIMS etc.

The Training & Placement Cell has set up all the required facilities for the conduction of the recruitment process such as seminar hall for company presentations, group discussion rooms and conferencing facilities, interview and Discussion rooms. We are actively involved in conducting Pool campus drives that include the reputed Engineering colleges of the Mangalore region. The advantage of the combined placement pool is more job opportunities for students with more choice of companies as top companies prefer combined campus recruitment as more number of students are available at one place.

Activities Conducted

- ❖ **External Training:** Specialized Trainers train our 3rd year and Final year students for Campus selections. The topics covered are Aptitude, Technical, Verbal Communication, logical skills, Group discussion and Interview skills.
- ❖ **Internal Training:** Aptitude, technical and communication training for 2nd and 3rd year students is provided by Faculty Co-ordinators. Students are continuously assessed to enhance placement related skills.
- ❖ **Company Specific Training:** All eligible students are trained on technical topics and about the company background before the placement drive
- ❖ **Alumni Talks:** We invite our Alumni on a regular basis to share their views and to provide industry insights to students Placement Activities
- ❖ **Internships:** Placement department also assists the students in internship for their projects.
- ❖ **Industrial Training:** College also provides early industrial exposure for our students by organizing industrial visit. Students of third and final year are encouraged to have as much exposure as is possible to an industry and assisted to undergo vocational training to gain competence by relating theory to practical.
- ❖ **Mock Interviews:** Conducting Mock interviews before the drive for our students by experts.
- ❖ **Seminars:** Conducting Seminars by various Resource Persons from the Corporate world.

Department Goals

- ❖ To develop the Department of Placement & Training as a single window nodal point for career counseling and Higher learning in Engineering & Technology fields.
- ❖ To set up the Training Infrastructure for conducting value added training programs and enhance the employability of students.
- ❖ To institute the best practices in conducting and co-coordinating the campus placement process for the industries in the institution.
- ❖ To build up a computerized database of students of all the branches with a view to serve the industries requirement in a queue response mode.



ALUMNI SPEAKS



Chethan K
Senior Software Engineer
Cisco Systems Pvt. Ltd.,
Bengaluru

I enjoyed each and every moment in this college. We have the best faculty in this college who treated us like a guide and a friend as well. Best infrastructure, best facility, we've got from this college. In the end, we feel we had the best experience.

YIT gave me a platform to stand in the industry. We've spent wonderful time in this college. All the faculty members are very good and cooperative with me. The infrastructure of the college is fabulous. Canteen is also good. The Computer labs are also excellent.



Mohammed Raeez
Development Specialist,
Prowareness Software
Services, Bengaluru



Ms. Amrutha Rao
Senior SEO Analyst,
Global Esoftsys,
Mangalore

The quality of education at YIT shaped my career; It was an enriching and rewarding experience. I had opportunity to interact with best faculty who were very welcoming. The lush green beautiful campus provides an ambience place to make the students future evergreen.

YIT is a college with good environment, excellent crowd and teachers. College canteen has all the facilities and serves hygienic food. Students can also enjoy extra-curricular activities and have liberty to indulge in sports activities.



Thilakraj J
Electrical Engineer,
Sirte Oil Company,
Libya



Mr. Mohammed Arif
Jr. Engineer,
Qatar Engineering &
Construction Company

My course gave me a really good mix of lab work, lectures and field work which made it really interesting. I love working on site and having the opportunity to apply my skills to a range of Project challenges.

YIT has played a very vital role in shaping my Career .The staff and teachers are very passionate and show genuine desire to help students to achieve their goals. College aims at the overall development of the student so that he/she can excel in different fields .So in YIT one is not just bookworm but a real thinker-which is the basic requirement in today's tech-era.



Ms. Prajna Suvarsha
Territory Manager
Johnson & Johnson Pvt. Ltd.
Bengaluru

SAMBHRAMA Sambhrama

Every year institution celebrates cultural and technical events, providing an opportunity for the students to present their talent.





YENEPOYA GROUP OF COLLEGES



YENEPOYA MEDICAL COLLEGE

YENEPOYA DENTAL COLLEGE



YENEPOYA PHYSIOTHERAPY COLLEGE

YENEPOYA NURSING COLLEGE



ZULEKHA COLLEGE OF NURSING



THE YENEPOYA COLLEGE



YENEPOYA PRE UNIVERSITY COLLEGE

THE YENEPOYA SCHOOL

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