Sipna College of Engineering and Technology, Amravati
July 2021

ENTC

Department of Electronics and Telecommunication Engineering

VACCINATION

FIGHTING COVID'19

INSIDE

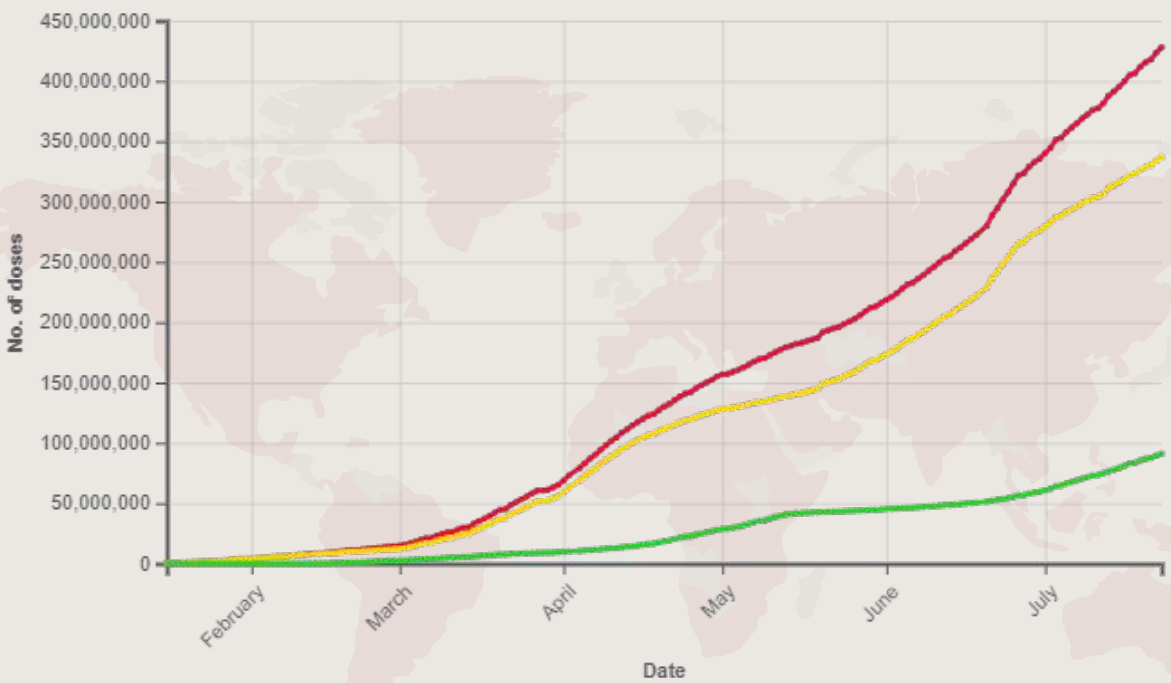
DEPARTMENT OF ENTC NBA ACCREDIATED
NBA NATIONAL BOARD OF ACCREDITATION

VACCINATION

Fighting COVID'19

The first case of the Covid-19 was reported on 27th January 2020 in Kerala. After precisely 11 months and 20 days, counter attack on this pandemic is initiated, in all states of country. Till 24th of May 2021, total 20,06,62,456 doses of the approved vaccines have been administrated by the government. Covishield, Covaxin and Sputnik V are the approved vaccines in India.

Indian began administration of COVID'19 vaccines on 16 January 2021. As of 23 July 2021, India has administered over 427 million doses overall, including first and second doses of the currently approved vaccines. India initially approved the Oxford AstraZeneca Vaccine (Manufactured under licensed by Serum Institute of India under the trade name Covishield) and Covaxin (a vaccine developed locally by Bharat Biotech). They have since been joined by the Sputnik V (Manufactured under license by Dr. Reddy's Laboratories) and Moderna Vaccines, and other vaccine candidates undergoing local clinical trials.



- Total Vaccination doses administrated across the country.
- Vaccinated (1st Dose Only).
- Fully Vaccinated.

Initial Approval, Launch of Approval Programme:

In September 2020, India's Health minister Harsh Vardhan stated that the country planned to approve and begin distribution of a vaccine by the first quarter of 2021.[8] The first recipients were to be 30 million health workers directly dealing with COVID patients. On 1 January 2021, the Drug Controller General of India (DCGI) approved emergency use of the Oxford–AstraZeneca vaccine (local trade name "Covishield"). On 2 January, the DCGI also granted an interim emergency use authorization to BBV152 (trade name "Covaxin"), a domestic vaccine developed by Bharat Biotech in association with the Indian Council of Medical Research and National Institute of Virology. This approval was met with some concern, as the vaccine had not then completed phase 3 clinical trials.

Due to this status, those receiving Covaxin were required to sign a consent form, while some states chose to relegate Covaxin to a "buffer stock" and primarily distribute Covishield. COVID-19 vaccination roll out in AIIMS, New Delhi, India on 16 January 2021. India began its vaccination programme on 16 January 2021, operating 3,006 vaccination centres on the onset. Each vaccination center will offer either Covishield or Covaxin, but not both. 165,714 people were vaccinated on the first day of availability. Difficulties in uploading beneficiary lists at some sites caused delays. In the first three days, 631,417 people were vaccinated. Of these, 0.18% reported side-effects and nine people (0.002%) were admitted to hospitals for observation and treatment.
Within those first days, there were concerns about low turnout, due to a combination of vaccine safety concerns, technical problems with the software used, and misinformation. The first phase of the rollout involved health workers and frontline workers including police, paramilitary forces, sanitation workers, and disaster management volunteers. By 1 March, only 14 million healthcare and frontline workers had been vaccinated, falling short of the original goal of 30 million.

Second Phase:
The next phase of the vaccine rollout covered all residents over the age of 60, residents between the ages of 45 and 60 with one or more qualifying comorbidities, and any health care or frontline worker that did not receive a dose during phase 1. Online registration began on 1 March via the Aarogya Setu app and Co-WIN ("Winning over COVID-19") website. Amid the beginnings of a major second wave of infections in the country, vaccine exports were suspended in March 2021, and the government ordered 110 million Covishield doses from SII. The company aims to produce 100 million doses per month, but by May 2021 its production capacity was only 60–70 million doses. Following the conclusion of its trial, the DCGI issued a standard emergency use authorisation to Covaxin on 11 March 2021. From 1 April, eligibility was extended to all residents over the age of 45. On 8 April, Prime Minister Narendra Modi called for a four-day Teeka Utsav ("Vaccine Festival") from 11 to 14 April, with a goal to increase the pace of the program by vaccinating as many eligible residents as possible. By the end of the Utsav, India had reached a total of over 111 million vaccine doses to-date.

Third Phase, Sputnik V Approval:
On 12 April, the DCGI approved Russia's Sputnik V vaccine for emergency use in India. A phase 3 trial had been conducted in the country in September 2020, which showed 91.6% efficacy. The local distributor Dr. Reddy's Laboratories stated that it planned to have the vaccine available in India by late-May 2021. On 19 April, it was announced that the next phase of the vaccination programme would begin on 1 May, extending eligibility to all residents over the age of 18. Under phase 3, individual stakeholders were also given more flexibility in how they conduct the vaccination programme. As part of this plan, only half of the vaccines procured by the Central Drugs Laboratory from manufacturers would be distributed by the central government. This supply would go to government-run clinics and be offered free-of-charge to residents 45 and over and priority workers, and siphoned off to states based on factors such as the number of active cases and how quickly they are administering vaccines.
The remainder would be offered to individual states and purchased on the open market (including private hospitals), which would be able to serve residents over the age of 18. Registration for the next phase began on 28 April; a single-day record of nearly 13.3 million people registered. Due to supply issues, several states, including Delhi, Gujarat and Madhya Pradesh announced that they would delay their wider rollouts of vaccines to later in the month. The initial shipment of 150,000 Sputnik V doses arrived on 1 May, and began to be administered on 14 May. An estimated 156 million doses is expected between August and December; initially, doses will be sourced from Russia, but domestic production is expected to begin by August 2021. On 13 May, the DCGI approved phase 2 and phase 3 trials of Covaxin on children 2–18. On 14 May, health officials projected that based on the anticipated approval of additional vaccine options, it could receive at least 2.17 billion more vaccine doses from August to December 2021. On 25 May, India exceeded 200 million vaccine doses administered in total. On 3 June, the Ministry of Health and Family Welfare pre-ordered 300 million doses of a potential fourth vaccine, Corbevax, which is undergoing phase 3 clinical trials.

All of the above statistics and information is obtained from the following link:
https://en.wikipedia.org/wiki/COVID-19_vaccination_in_India

Heartily Congratulations

To the Placed Students

Ms. Ruchita Modh

Ms. Amisha Kale

Capgemini

Ms. Pujal Kalamkar

Ms. Richa Gorle

Mr. Tanmay Tippat

Ms. Janvi Chatwani

Ms. Bhavana Shingane

TATA CONSULTANCY SERVICES

Heartily Congratulations

To the Placed Students

Mr. Yash Gupta

eInfochips

Ms. Revati Sonone

Mphasis
The Next Applied

Ms. Aetera Khan

Mr. Devesh Ghurde

Collabera

Heartily Congratulations

To the Placed Students in

Dhoot Transmissions

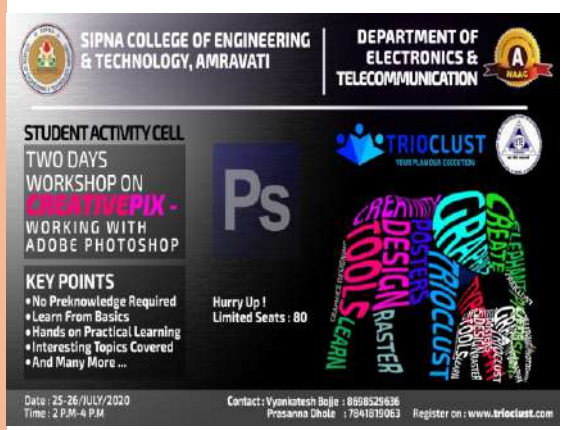
Sr. No.	Name of Placed Students
1	Aachal Rajesh Fuke
2	Ashutosh Vijayshingh Rajput
3	Akanksha Rajkumar Gupta
4	Amisha Vinodrao Lahe
5	Anjali Milind More
6	Ankita Vinod Chaudhari
7	Anup Sanjay Mahulkar
8	Ashwini Ramanuj Mishra
9	Bhagyashri Ramesh Patankar
10	Dipali Ambadas Muley
11	Gautami Ravi Chaudhari
12	Ishwar Mohan Mahulkar
13	Kalyani Vasatrao Radke
14	Ketki Sunil Dhande
15	Kiran Prabhakar Ghuge
16	Likhita Gajanan Chopade
17	Manisha H. Dhakare
18	Nisha Gajanan Dhore

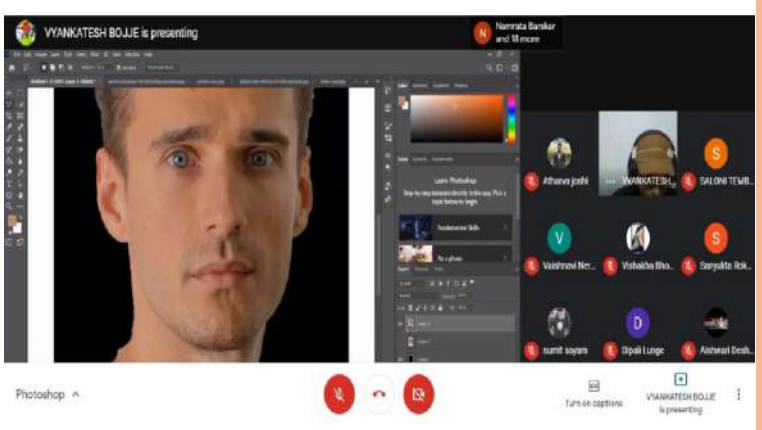
Sr. No.	Name of Placed Students
19	Nisha Rajesh Kothekar
20	Prasanna Sanjay Masodkar
21	Pratiksha Ravindra Awankar
22	Sakshi Sanjay Sawwalakhe
23	Sakshi Vinod Gulhane
24	Shivam Ravindra Deshmukh
25	Shubham Pradiprao Gawande
26	Sojwal Vidyadhar Sonone
27	Someshwari Wasudeo Sonone
28	Spurthi Kiran Kakde
29	Suraj Ravindra Mankar
30	Vaishnavi Kishorrao Nerkar
31	Vaishnavi Sanjar Maple
32	Vaishnavi Sanjay Shinde
33	Veena Dhanraj Sawarkar
34	Vishwajeet Vasatrao Kale
35	Shivam Pandey
36	Yogesh Pandey

STUDENTS' ACTIVITIES

Workshop on Creativepix Working with Adobe Photoshop

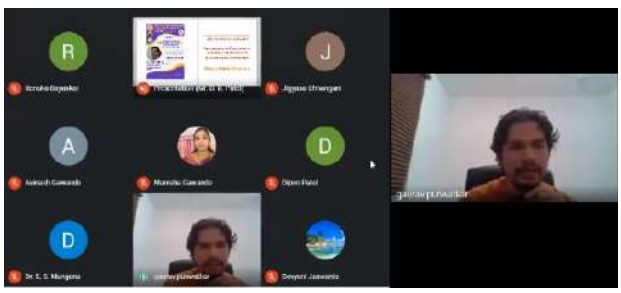
A workshop on the topic "CREATIVEPIX working with Adobe Photoshop" was organized on 25 & 26th July 2020. For this online workshop 80 engineering students had registered. Mr. Vyankatesh Bojje & Mr. Prasanna Dhole, Trioclust, Amravati were the trainer for the programme. The following topic were covered in the two days' workshop. Introduction to Photoshop Layouts and Panels, Tools and their Application, Designing Commercial/Institute Poster, Designing Certificates, Make GIF's. Cartoon/Comic Effects, Photo-Manipulation, Basic Typography., Design Menu Cards/Business Cards Logo Design.





Webinar on Career Opportunities in Telecommunication Industries for Electronics Engineers Post Covid'19 Pandemic

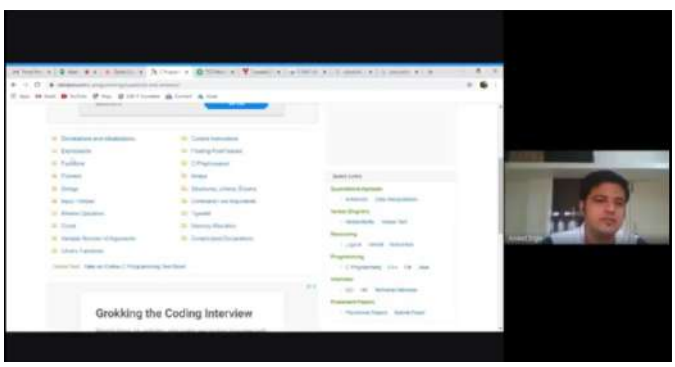
A webinar on the topic "Career opportunities in Telecommunication industry for Electronics engineer post COVID-19 pandemic" was organized on 08 August 2020 for the Third and Final Year students of Electronics & Telecommunication Engineering Department. There were more than 150 students who had joined the webinar. Mr. Pradip Punwatkar, Head, Learning Platforms and Operations, Assistant Vice President, RELIANCE JIO INFOCOMM LTD, Mumbai was the guests of honour at this webinar. The main emphasis of the webinar was to impart knowledge about the opportunities available in telecommunication industry post pandemic to the students. Mr. Pradip Punwatkar, enlightened the students about the role of telecomm industry in the fields of Information, Education and Entertainment & also highlighted the applications in several fields. Moreover, he made the session very interesting and lively by sharing with students real life experiences and he also discussed about the career in Telecomm industry. Mr. Gaurav Punwatkar working in telecomm industry in USA, has joined from California. It was 11pm night there. He had guided the students to build career in telecomm industry and he made students aware about the online courses & certifications available in the field of Telecommunication Engineering. The webinar was followed by an interactive query session in which the students got to clear their doubts.



STUDENTS' ACTIVITIES

Webinar on Career Opportunities in Software Industries for Electronics Engineers

A webinar on the topic "Career opportunities in Software industry for Electronics Engineer" was organized on 08 August 2020 for the Second Year students of Electronics & Telecommunication Engineering Department. There were more than 50 students who had joined the webinar. Mr. Aniket Ingle, Quality Analyst, UBS, Pune was the speaker at this webinar. The objective of the webinar was to impart knowledge about the opportunities available in software industry for the electronics students. He enlightened the students about the role of Software developer in IT industry. Moreover, he made the session very interesting and lively by sharing with students real life experiences and he also discussed the hard work required to grab the career opportunity in IT industry. He had guided the students about the online courses & certifications available for developing technical skills. The webinar was followed by an interactive query session in which the students got to clear their doubts.



Webinar on "Solar Technologies" and Job Opportunities in Photo Voltaic

A webinar on the topic "Solar-Technologies and job opportunities in solar photovoltaic" was organized on 20 August 2020 for the Second & Third Year students of Electronics & Telecommunication Engineering Department. There were more than 150 students who had joined the webinar. Mr. Mahesh Kawarkhe, NSDC Certified Trainer was the speaker at this webinar. The objective of the webinar was to impart knowledge about the opportunities available in solar industry for the electronics students. He enlightened the students about the role of Electronics engineer in solar industry. Moreover, he made the session very interesting and lively by sharing with students real life experiences and he also discussed the hard work required to grab the career opportunity in solar-technology based industry. The webinar was followed by an interactive query session in which the students got to clear their doubts.

STUDENTS' ACTIVITIES

Celebration of Engineers' Day

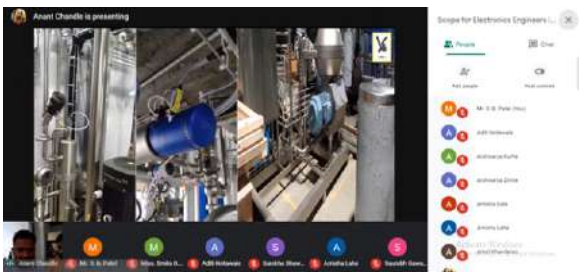
The Engineering Community across India is celebrating Engineers Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya. The Department of Electronics & Telecommunication Engineering, Sipna College of Engineering and Technology, Amravati celebrated the Engineer's day on online platform. As per the Indian culture, the programme was started by giving tribute to Goddess Saraswati. Ms. Janvi Chatwani sang the song. The video on 'well known engineers' was played by Mr. Vishwajeet Kale. Later on Dr. Avinash Gawande, Head of the Department addressed students and highlighted the importance of celebrating Engineer's day and responsibility of Engineers in this society. He also conveyed the message saying that each and every student can put their efforts towards the industrial innovation. On this occasion students have organized Digital Quiz Competition and Word Jumbling Quiz events.

Career Opportunities through GATE'21 Exam For Engineering Students, Post COVID'19

A Seminar on the topic "Career opportunities through GATE-2021 exam for Engineering students post COVID-19" was organized on 26 September 2020 for the second year students of Electronics & Telecommunication Engineering department. Mr. Rahul Agalawe,Director Gateforum, Amravati was the speaker of this seminar. The main emphasis of the seminar was to make students aware about career opportunities available in core engineering. The seminar started with felicitation of Mr. Rahul Agalawe by the hands of Prof. D. B. Patel (Student Activity In-charge, E&TC). Mr. Rahul Agalawe enlightened the students about the the role of GATE exam. He also made the students to know about different career opportunity in core engineering through GATE exam by sharing real life examples. The seminar was followed by an interactive session in which the students cleared their doubts. Moreover Mr. Rahul Agalawe made the session very interesting and lively by sharing real life experiences with the students and also discussed about the career opportunity.

STUDENTS' ACTIVITIES

Webinar on Scope for Electronics Engineers in Automation Industry



A Webinar on the topic "Scope for Electronics Engineers in Automation Industry" was organized on 01 Oct 2020 for the Final Year students of Electronics & Telecommunication Engineering Department. Mr. Anant Chandel, Team Leader-Automation at Vertrauen Engineers Pvt. Ltd, Pune was the guests of honour at this seminar. The seminar started with the welcome of Mr. Anant Chandele, chief guest by Prof. D.B. Patel, I/c Student Activity, E&TC.The main emphasis of the seminar was to impart knowledge about the Automation Industry functional operation, SCADA & PLC to students. He enlightened the students about the role of PLC technology in the fields of Automation & also highlighted the applications of PLC in several fields. Moreover Mr. Anant Chandel made the session very interesting and lively by sharing with students his real life experiences and his hard work as role of team leader and also discussed about the career in Automation. He demonstrated and explained the design process of the project Temperature & water level management system in the brewage industry to the student. He encouraged students to research on topics related to automation & PLC and guided the students about the numerous research topics.

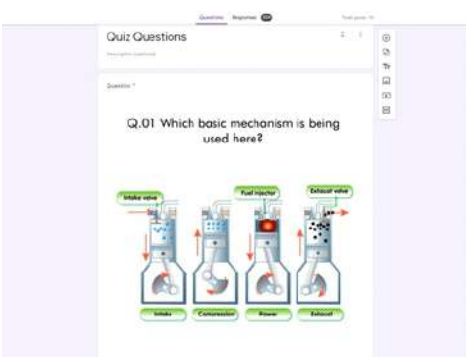
Celebration of IETE Students' Day and Role of Professional Bodies in the Field of Technical Education

Department of electronics & telecommunication Engineering, Sipna COET, Amravati, Sipna IETE Students Forum had organized webinar on the occasion of IETE Students Day about "The role of professional bodies in the field of technical education". Dr. A.D. Gawande, HoD EnTC, Sipna COET, Amravati, Dr.N.N. Kasat, Professor, Dept of EnTC, Sipna COET, Amravati, West zone Mentor, IETE, New Delhi were present for the webinar as the guest of honor. The webinar started with the welcome address by the Dr S.S. Mungona, Honorary secretary, IETE, Amravati centre, ISF coordinator. Dr. A.D.Gawande sir had addressed the gathering and made them aware about the benefits of being the member of professional bodies. Dr. N.N.Kasat was speaker of the webinar, he enlightened the students about the role of professional bodies in the field of technical education and opportunities available. Followed by the webinar, The IETE students day was celebrated by Sipna ISF. Mr. Tanmay Tippat, Secretary, Sipna ISF read the president's message and gave the summary of activities conducted by Sipna ISF during pandemic. The program was coordinated by Prof. D.B.Patel, I/c EnTC student activity. Miss. Janhvi Chatwani , ISF memeber anchored the program.

STUDENTS' ACTIVITIES

Online Quiz on "The Science Building Technology" on the Occasion of National Science Day 2021

Science day celebration 'Science of today is the technology of tomorrow' National Science day was celebrated by Department of Electronics & telecommunication engineering, Sipna COET, Amravati on 28th February 2021 .This day is celebrated to remember the great invention by the Indian Physicist Chandrashekhara Venkata Raman who discovered 'Ramans Effect'. The department had organized online quiz to mark this occasion. The online quiz is on "The Science Behind Technology" on the occasion of National Science Day 2021". 318 Students from Sipna COET, Amravati participated in the online Quiz. the main motive was to spread a message about the importance of Science used in the daily life of the people.



FACULTY ACHIEVEMENTS

Heartily Congratulations

To
The faculties on Completion of Their Ph.D.

Dr. Sagar S. Tawani

Ph.D. Title

An Efficient Automated Detection and Classification of Micro Calcification Clusters in Digitized Mammograms Using Image Processing

Ph.D. Supervisor

Dr. Ajay A. Gurjar

Dr. Yogesh H. Gulhane

Ph.D. Title

Analysis of Impact of Emotion on the Performance of Students Using Signal Processing Approach

Ph.D. Supervisor

Dr. S. A. Ladhake

Dr. Viraj A. Gulhane

Ph.D. Title

Soil Nutrients Analysis and It's Prediction Model Based on Remotely Sensed Satellite Images

Ph.D. Supervisor

Dr. Sandeep V. Rode

DEPARTMENT ACTIVITIES

Sponsored Laboratory Under MODROB

Department of Electronics and Telecommunication Engineering receives grant of Rs. 11,33,333 /- under Modernization of Laboratories (MODROB) for development of the "Microprocessor and Microcontroller and Embedded System with VLSI" Laboratory. Coordinator of the project is Dr. Nilesh N. Kasat

AICTE sponsored one-week online STTP on "Recent trends in Biomedical Signal Processing"

AICTE sponsored one-week online STTP on "Recent trends in Biomedical Signal Processing" was organized by the Department of Electronics & Telecommunication, Sipna College of Engineering & Technology, Amravati with an objective to provide an exposure to both basics and recent advances in medical signal and image processing to the teaching and research community working in the domain of Biomedical Engineering. A team of renowned IITians Dr. Prashant Bansod, Dr. Manesh Kokare, Dr. Minimol Balakrishnan, Dr. Ankit Bhurane, Dr. Manish Tibdewal, Dr. Amol Patil, Dr. Rahul Ingle, Dr, Vijay Mane and in-house experts Dr. Sagar Tawani, Dr. Aashish Bardekar , Dr. Ujwal S. Ghate & Dr. Avinash D. Gawande conducted sessions during this STTP. This programme was conducted in online mode due to COVID-19 Pandemic Scenario in three Phases viz. Phase I (from 23rd to 28th November), Phase II (from 7th to 12th December 2020) & Phase III (from 21st to 26th December 2020). There were 66, 64,61 participants who had been registered for phase I, II & III of STTP respectively from all the corners of India.

Sipna College of Engineering and Technology Recognized by MSME, as Host Institute to Setup Business

Sipna College of Engineering and Technology, Amravati has been recognized by the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India, as Host Institute to set up business. Under this scheme, proposals can be submitted for financial assistance of up to 2 crore, for business incubation. All the details are procedures can be obtained from Dean, Development and Planning, Sipna College of Engineering and Technology, Amravati.

National Conference Sponsored by Grant for Organizing Conference By AICTE New Delhi

A sponsored National Conference on Multi-disciplinary Research and Innovations (NCMRAI-21) is granted by GOC, AICTE, New Delhi. The grant-in-aid sanctioned for organizing the onsite conference is Rs. 3,00,000/-. The conference is scheduled in the last week of December 2021. Research papers on the distinct topics like VLSI, Embedded Systems, AI, IOT, Data Science and other interdisciplinary topics will be considered.

DEPARTMENT ACTIVITIES

Dr. Prafulla Gawande Delivers Expert Talk on Course Outcome (CO) and Programme Outcome (PO)

Dr. Prafulla Gawande have delivered expert talk in Faculty Development Programme (FDP) on Course Outcome (CO) and Programme Outcome (PO). The FDP was organized by SKN Sinhgad College of Engineering, Pandharpur. The session was delivered on 15th July 2021.

Dr. Nilesh Kasat Delivered Expert Lecture on Embedded Systems

Dr. Nilesh Kasat have delivered expert talk in Short Term Training Programme (STTP) on Introduction to Embedded System & Challenges in the Field of Embedded System. The STTP was organized by K. C. College of Engineering and Management Studies and Research, Mumbai. The STTP was organized from 14th June 2021 to 19th June 2021.

Dr. V. T. Gaikwad and Dr. Nilesh Kasat Completed Training on Microchip ATMEGA16

Dr. V. T. Gaikwad and Dr. Nilesh Kasat have successfully completed one week training programme on Microchip ATMEGA16 jointly organized by Microchip Academy Program and EduSkills during 5th April 2021 to 10th April 2021.

Dr. Prafulla D. Gawande Undergone Instructor Level Training Program

Dr. Prafulla D. Gawande have completed Technical Training Program on three modules viz. Introduction to Networks, Switching, Routing and Wireless Essentials and Enterprise Networking, Security and Automation. The training was conducted by CISCO Networking Academy. After every training module, rigorous examination is conducted. In all three post-training module examination sir **stood merit** and becomes **instructor** for the training on above mentioned modules.

Dr. Viraj Gulhane Completed Training on Amazon Web Services

Dr. Viraj Gulhane have undergone technical training on Amazon Web Services (AWS). After completing the course module, Dr. Viraj Gulhane becomes AWS certified cloud practioner.

DEPARTMENT SPECIFIC

Vision

To impart quality professional education for creating reputed technocrats and entrepreneurs to meet industry standards and requirements.

Mission

- To create quality education towards professional excellence.
- To imbibe advanced knowledge in applied areas of engineering and technology.
- To remain updated with contemporary technology and develop managerial skills.
- To technical expertise along with professional ethics as per societal needs.

Programme Educational Objectives

PEO.1: The Graduates shall acquire the fundamental and advanced knowledge in Electronics & Telecommunication Engineering subjects along with additional knowledge in mathematics, basic sciences, inter-disciplinary engineering, management and economics, enabling them to solve basic and complex engineering problems.

PEO.2: The Graduates will succeed in getting the entry-level engineering positions in Allied Industries, Design & Fabrication firms and in Government Sectors at regional, national and international levels.

PEO.3: The Graduates will succeed in the pursuit of higher studies and will continue life-long learning.

PEO.4: The Graduates will be aware of social responsibility, ethical standards and environmental issues to serve the society better.

Programme Specific Outcomes

PSO.1: Understand the basic concepts in Electronics & Telecommunication Engineering and apply them to the respective areas.

PSO.2: Solve complex engineering problems using latest hardware and software tools, along with analytical skills.

PSO.3: Understand the concepts of Data Communication Networking, Optical Fiber and Wireless Technology along with ability to classify, analyze and implement latest communication technologies.

PSO.4: Demonstrate applications of Embedded system in Social, Environmental and applied areas of Engineering Sciences.

Programme Outcomes

PO.1: Engineering Knowledge
Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO.2: Problem Analysis:
Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO.3: Design/ Development of Solutions:
Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO.4: Conduct Investigations of Complex Problems:
Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO.5: Modern Tool Usage:
Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO.6: The Engineer and Society:
Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO.7: Environment and Sustainability:
Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO.8: Ethics:
Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO.9: Individual and Teamwork:
Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary settings.

PO.10: Communication:
Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO.11: Project Management and Finance:
Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member or a leader in a team, to manage projects and in multidisciplinary environments.

PO.12: Life Long Learning:
Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

ABOUT INSTITUTE

Sipna Shikshan Prasarak Mandal, established in the year 1995, aims to impart higher & technical education to the enthusiastic youths and envision them for a better tomorrow.

Since its inception, SSPM has been successfully running undergraduate and postgraduate courses in emerging areas through Sipna's Arts, Science & Commerce college, Chikhaldara and Sipna College of Engineering & Technology, Amravati, affiliated to Sant Gadge Baba Amravati University, Amravati. We have already marched towards various Postgraduate, Management and Research Programs.

The Sipna College of Engineering & Technology (SCOET) was started in July 1999 to provide professional education to the students in the region and around. The College is located in Amravati, an educational hub of Maharashtra.

Sipna College of Engineering & Technology is an unaided Engineering college approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (Maharashtra).

The Institute is accredited by IAO and Certified by ISO 9001:2015 (Quality Management System), ISO 14001:2015(Environment Management System) & ISO 17025:2005

National Assessment & Accreditation Council (NAAC) accreditation is another feather in the cap for the institution and it has received an 'A' Grade. We are the first institute in Maharashtra to get accredited under the new scheme- 2018. Under the AICTE Margadarshan scheme, Sipna College of Engineering & Technology, Amravati is "A Mentee Institute" of College of Engineering, Pune (COEP). To enhance the Industry Institute Interaction and to build a strong rapport with Industry, Sipna C.O.E.T has got the membership of Confederation of Indian Industry (C.I.I), the most reputed Industry Organization. We are proud to say that Sipna C.O.E.T is the only Institute in Sant Gadge Baba Amravati University who is a member of C.I.I. C.I.I is a non- government, not-for- profit, industry-led and industry-managed organization, playing a proactive role in India's development process.

Using innovative and latest teaching methodologies, well equipped with all the infrastructure and facilities needed for efficient transfer of knowledge and skill-sets, Sipna is working towards generating confidence among students to take on tomorrow's challenges of highly dynamic world. This is the reason why we stand out from a cluster of several institutes in the country, and take our students straight to the realms of their future careers.

ABOUT DEPARTMENT

The department of Electronics & Telecommunication works with a belief in establishing professional & technical standards and an environment prevailing at par.

Considering the perceptibly heavy influence of development in Electronics in all aspects of life, thorough knowledge of Electronics is necessary for the students for their future effective contribution as practising engineers. Keeping this in view, the laboratories of the department have a strong ethos of practice influencing theory and practical.

The department has well equipped advanced and furnished laboratories to meet the state of art. Keeping track of the technology and to strike a balance between theory and practical applications, the latest equipments and softwares are made available. The adoption of collaborative learning strategies seeks to ascertain to what degree such strategies enhance student learning and persistence. In addition to core laboratories the department has research laboratory recognized by S.G.B. Amravati University, Amravati.

Contact Us

Department of Electronics and Telecommunication Engineering
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