

February 2019

# ENTC

Department of Electronics and Telecommunication Engineering



## The Season of FESTIVALS

**Sipna College of Engineering and Technology**

In Front of Nemani Godown, Badnera Road, Amravati - 444701

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ENTC Department, Sipna College of Engineering and Technology, Amravati.



"Umang" which means Happiness, Exhilaration, Celebration, Crazy, Aspiration.....On that account we celebrate Umang as a Season of Festival. To begin with this festival starts with the Sports week which was celebrated from 22<sup>nd</sup> February 2019 to 25<sup>th</sup> February 2019.

Total 1023 students participated in various indoor and outdoor sports events. This year, nine outdoor sports activities like Relay Race, Cricket, Football, Kabaddi, Volleyball, Kho kho, Tug of War, Lagori and Badminton were organized along with three indoor activities like Carrom, Chess and Arm Wrestling. Out of which Relay Race, Arm Wrestling and Lagori added new flavour to the event.

Subsequently real celebration of Umang'19 started with various days which includes Group day/ Friendship day, Chocolate day/ Signature day, Ghost day, Tapori day, Film festival/ Character day, Twins day/ Mismatch day, Traditional day and Executive day. On the event day, viz 28<sup>th</sup> February 2019, the day is started with Saraswati Pujan and then subsequently different activities like Aura of Arts, Variety and Entertainment, Musical Fish Pond and Jalsa a dance competition. The second day, 1<sup>st</sup> March 2019 is started with Anand Mela and subsequently Voice of Sipna, Prize Distribution, Iconic Fashion Show and DJ Night activities were conducted.

Students of ENTC department participated in various activities and stood Winner in Cricket (Mens), Kho-Kho (Mens), Tug of War (Mens), Lagori (Womens) and Carrom (Doubles) and Runner in Kho-Kho (Mens), Kho-Kho (Womens), Carrom (Doubles) and Badminton-Single (Womens)

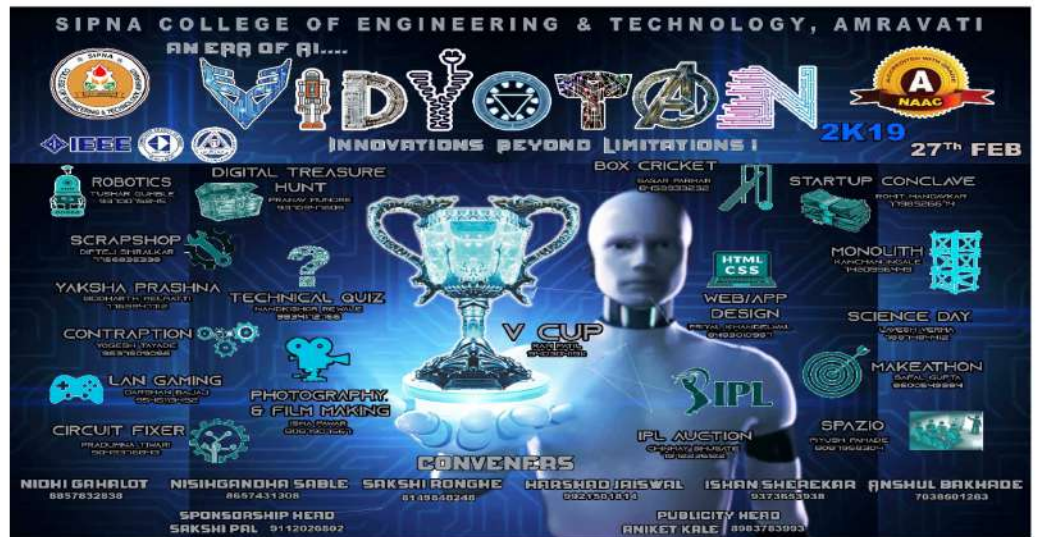


UMANG 2K19	
DAYS LIST	
22 FEB -	GROUP DAY / FRIENDSHIP DAY
23 FEB -	CHOCOLATE DAY/SIGNATURE DAY
24 FEB -	GHOST DAY/TAPORI DAY
25 FEB -	FILM FESTIVAL /CHARACTER DAY
26 FEB -	TWINS DAY / MISMATCH DAY
27 FEB -	VIDYOTAN
28 FEB -	TRADITIONAL DAY
1 MAR -	EXECUTIVE DAY

UMANG 2K19	
DAYS FOR TEACHERS	
23 FEB -	RED AND BLACK DAY
25 FEB -	FILM FESTIVAL (RETRO DAY) / BLUE THEME
26 FEB -	TWINS DAY/ MIS-MATCH DAY
27 FEB -	VIDYOTAN
28 FEB -	TRADITIONAL DAY
1 MAR -	EXECUTIVE DAY



To showcase Technical Skills, Leadership Quality and Team Spirit every year we celebrate Vidyotan - A National Level Technical Festival. This year we organized Vidyotan 2K19, The National Level Technical Festival, on 27th February 2019. In continuation with the trend of organizing this technical festival with unique theme, this year it was "Artificial Intelligence - Innovations Beyond Limitations". The Tech-Fest was inaugurated at the hands of Mr. Rajendra Ghare, Corporate HR Advisor, Hyva India Pvt. Ltd., Pune along with guest of honour Dr. Dattatray Jadhav, Joint Director, Technical Education Office, Regional Office, Amravati. Throughout the day, 18 events were conducted. More than 1400 students were participated in different events like Robotics, startup Conclave, Spazio, Scrap Shop, Contraption, Digital Treasure Hunt, Yaksha Prashna, Lan Gaming, Circuit Fixer



## STUDENT'S ACHIEVEMENT IN VIDYOTAN 2K19

Through the multiple activities and events, two students of third year and second year stood runner-up and winner in the events.

Vidyotan 2K19  
Home page

Sr. No.	Name of Student	Name of Event
1.	Harish Ajankar	Roborace
2.	Prasanna Isune	Photography

Fixer, Technical Quiz, Photography and Film Making, Vcup, Box Cricket, Web App Design, IPL Auction, Monolith, Screen The Structure, Science Day Exhibition and Makeathon. A Team of 25 Mechanical Engineers, Immortal Sipnoids has designed, manufactured and demonstrated All Terrain Vehicle (ATV).



## सिपना शिवमहोत्सव २०१९



सिपना शिवमहोत्सव शिवछत्रपतींच्या जाज्वल्य इतिहासाचे स्मरण होण्यासाठी सिपना परिवारातील विद्यार्थ्यांद्वारे शिवजयंतीच्या पर्वावर दरवर्षी शिवमहोत्सवाचे आयोजन करण्यात येते। शिवजयंती पर्वाचे अवचित्यसाधन "सिपना शिवमहोत्सव" समिति द्वारे विविध उपक्रमांचे आयोजन करण्यात येतात। "सिपना शिवमहोत्सव २०१९" अंतर्गत, फ्लॅश मोब, बुलेट रॅली, बालशिवाजी वेशभूषा स्पर्धा, शिवछत्रपतींच्या जीवनावर आधारित नाटक आणि मल्लखांब इत्यादी उपक्रमांचे आयोजन करण्यात आले होते। दरवर्षीप्रमाणे यावर्षीपण शिवटेकडी, पंचवटी, इर्विण चौक, जयस्तंभ चौक राजापेठ मार्गे सिपना महाविद्यालय पर्यंत रॅली काढण्यात आली होती।





## Students placed in the year 2018-2019

Sr. No.	Name of Student	Company Name	Designation
1.	Aditi Sunil Labde	Tata Consultancy Services	Assistant System Engineer
2.	Aafrin Israil Ali	Tata Consultancy Services	Assistant System Engineer
3.	Sanjyoti Pramod Petkar	Tata Consultancy Services	Assistant System Engineer
4.	Sakshi Gajendra Ronghe	TECH Mahendra	Software Developer
5.	Payal Nandkishor Sakharar	TECH Mahendra	Software Developer
6.	Chinmay Sunil Bhusate	Amazon Pvt. Ltd. Pune	Customer service Assosiate
7.	Pooja Rajiv Ghodki	Hiferk Technologies Pvt. Ltd.	Graduate Engineer Trainee
8.	Sayali Sunil Kawalkar	Hiferk Technologies Pvt. Ltd.	Graduate Engineer Trainee
9.	Pratiksha Gajanan Deshmukh	Motif India Infotech Pvt. Ltd. (Ttech)	CSR
10.	Renuka Sunil Waghmare	Motif India Infotech Pvt. Ltd. (Ttech)	CSR
11.	Aishwarya Vinayak Awate	Motif India Infotech Pvt. Ltd. (Ttech)	CSR
12.	Priya Rajendra Wagh	Motif India Infotech Pvt. Ltd. (Ttech)	BPO
13.	Vishakha Tulshidas Kathole	Motif India Infotech Pvt. Ltd. (Ttech)	CSR
14.	Purva Shridharrao Deshmukh	Collabera Technologies Pvt. Ltd.	Technical Recruiter
15.	Ashwini Dipak Kalanke	Collabera Technologies Pvt. Ltd.	Associate Account Manager
16.	Darshan Manoharraohirpurkar	Gurukilli Academy Pvt. Ltd.	Sales Manager
17.	Rohan Vasantrao Gadhave	Gurukilli Academy Pvt. Ltd.	Sales Manager
18.	Prasad Prakashrao Shirbhate	Gurukilli Academy Pvt. Ltd.	Sales Manager
19.	Shubham Sahebrao Ghate	Gurukilli Academy Pvt. Ltd.	Sales Manager
20.	Avinash Shyamkumar Mihani	Gurukilli Academy Pvt. Ltd.	Sales Manager
21.	Akshay Sandiprao Parvi	Gurukilli Academy Pvt. Ltd.	Sales Manager
22.	Adarsh Kishorrao Bhide	Gurukilli Academy Pvt. Ltd.	Sales Manager
23.	Akash Surendra Mohod	Gurukilli Academy Pvt. Ltd.	Sales Manager
24.	Pratik Kishor Dafade	Gurukilli Academy Pvt. Ltd.	Sales Manager
25.	Akshay Rajendra Wankhade	Gurukilli Academy Pvt. Ltd.	Sales Manager
26.	Aishwarya Vinayak Awate	Gurukilli Academy Pvt. Ltd.	Sales Manager
27.	Aasavari Subhash Bhopale	Gurukilli Academy Pvt. Ltd.	Sales Manager
28.	Apeksha Kolhe	Gurukilli Academy Pvt. Ltd.	Sales Manager
29.	Aakanksha Lakade	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
30.	Abhay Ambadkar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
31.	Anuradha Vidhate	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
32.	Hrishikesh Bawane	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
33.	Rajat Bhuyar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
34.	Akshay Humne	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
35.	Komal Hadolkar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
36.	Apurva Pachgade	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
37.	Radhika Asawa	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
38.	Pooja Bhattad	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
39.	Chaitali Bilgaye	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
40.	Aishwarya Dambir	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
41.	Pratiksha Deshmukh	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers

## Students placed in the year 2018-2019

Sr. No.	Name of Student	Company Name	Designation
42.	Vaishnavi Ingale	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
43.	Poonam Jakhotiya	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
44.	Sayali Kawalkar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
45.	Monika Likhari	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
46.	Arti Mahalle	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
47.	Dhanashri Maldhure	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
48.	Monika Pund	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
49.	Pragati Tanpure	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
50.	Rutuja Sune	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
51.	Pragati Sable	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
52.	Saloni Sahu	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
53.	Shamli Shinde	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
54.	Shivani Dere	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
55.	Shrushti Shirbhate	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
56.	Aishwarya Thakur	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
57.	Vishakha Kathole	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
58.	Aasavari Bhople	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
59.	Shraddha Chavan	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
60.	Nikita Chopde	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
61.	Tejaswini Gawande	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
62.	Kalyani Khandetod	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
63.	Simran Katalkar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
64.	Megha Surwanshi	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
65.	Pranauti Lokhande	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
66.	Samiksha Mawalkar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
67.	Monika Rathod	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
68.	Nayana Kale	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
69.	Neha Yawale	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
70.	Nilam Pidekar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
71.	Rita Shelke	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
72.	Divya Sahu	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
73.	Sonali Wankhade	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
74.	Pallavi Sonkar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
75.	Shanashri Sontakke	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
76.	Tejaswini Tarale	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
77.	Mrunal Thorat	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
78.	Puja Ugale	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
79.	Naitik Kukade	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
80.	Mayuri Lakhe	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
81.	Avinash Mihani	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
82.	Akash Mohod	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers



## Students placed in the year 2018-2019

Sr. No.	Name of Student	Company Name	Designation
83.	Bhavik Mohod	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
84.	Aniket Bijwe	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
85.	Nachiket Patil	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
86.	Neha Chaudhari	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
87.	Akshay Parvi	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
88.	Pranay Thakre	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
89.	Shruti Zarbade	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
90.	Yogesh Tayade	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
91.	Shibham Thakare	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
92.	Vilas Upwanshi	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
93.	Dnyaneshwar Vaidya	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
94.	Vaibhav Waghmare	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
95.	Akshay Wankhade	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
96.	Prasad Warhekar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
97.	Shivani Thakare	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
98.	Mahima Sahu	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
99.	Gauji Bardeo	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
100.	Pallavi Meshram	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
101.	Swati Bhogekar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
102.	Pooja Mehsare	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
103.	Diksha Thakare	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
104.	Kuldeep Jane	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
105.	Sujata Hardsakar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
106.	Payal Kale	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
107.	Prajakta Wadatkar	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
108.	Gayatri Pathare	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
109.	Vaishnavi Ingle	Dhoot Transmission Pvt. Ltd.	Graduate Trainee Engineers
110.	Shraddha Chavan	Epic Research Ltd.	Associate Finance Consultant
111.	Samidha Ghodeswar	Epic Research Ltd.	Associate Finance Consultant
112.	Shiwani Dere	Epic Research Ltd.	Associate Finance Consultant
113.	Pooja Ghodki	Tudip Technology, Pvt. Ltd.	Associate Project Engineer
114.	Simran Kathalkar	Conneqt Pvt. Ltd.	BPO
115.	Samidha Ghodeswar	Conneqt Pvt. Ltd.	BPO
116.	Shruti Dange	Conneqt Pvt. Ltd.	BPO
117.	Megha Kurwanshi	Redmi	Technical Support
118.	Pratiksha Deshmukh	Redmi	Technical Support
119.	Kalyani Lawankar	Tech Mahindra	BPO
120.	Roshan Nage	Escalate East India	Technical Support

## Students Internship in 2018-2019

Sr. No.	Student Name	Name of Company
1.	Chinmay Bhusate	V S Informatincs Pvt. Ltd, Nagpur
2.	Akash Agarkar	
3.	Roshan Nage	
4.	Jayesh Raul	
5.	Ram Sawarkar	
6.	Sakshi Ronghe	
7.	Neha Chaudhari	
8.	Samiksha Gunjate	
9.	Anuradha Vidhate	
10.	Bhagyashree Sonalke	
11.	Mayuri Lakhe	
12.	Pratiksha Deshmukh	
13.	Divyani Jawarkar	
14.	Dipali Mumurkar	
15.	Rutuja Tikhile	
16.	Akanksha Lakade	
17.	Komal Halodkar	
18.	Aarti Sahu	
19.	Rajeshwari Gomase	
20.	Shruti Zarbade	

Sr. No.	Student Name	Name of Company
1.	Krishna Panpaliya	Dox Pro Pvt., Ltd. Amravati
2.	Sakshi Pande	
3.	Jhanvi Shungare	
4.	Sarthak Kadav	
5.	Shubham Gawande	
6.	Sarthak Kadav	

Sr. No.	Student Name	Name of Company
1.	Mrunal Waghare	Pinnaculum Pvt., Ltd., Amravati
2.	Priya Tayade	
3.	Ragini Alkari	
4.	Roshini Sawarkar	
5.	Rutuja Dabaki	

Sr. No.	Student Name	Name of Company
1.	Vaishnavi Zanwar	IT Trons Technology, Amravati
2.	Kalyani Pophale	
3.	Sanket Jaiswal	
4.	Bipin Thakur	
5.	Parag Tamgade	
6.	Prajwal Wasankar	

Sr. No.	Student Name	Name of Company
1.	Akshay Pardhi	ICEICO, Technology, Pvt. Ltd, Nagpur
2.	Mayuri Sonone	
3.	Shivani Khandare	
4.	Kajol Nimje	
5.	Bhagyashri Kadu	



**Heartily Congratulations to Ms. Gauri Umale**  
Being The First Participant of the Japanese Language Batch Clearing The "NAT-N5" Language Test

**Heartily Congratulations to Mr. Krishna Nagpure**  
For scoring 60.55 marks out of 100 in GATE 2019







## Seminar on Cyber Security and Ethical Hacking

A seminar was organized on cyber Security and Ethical Hacking in technical collaboration with Social Spectra, Nashikon. The session was focused on importance of cyber security and how to protect interconnected systems including hardware, software and data from cyber attacks. Mr. Ajinkya Lohakare, Certified Ethical Hacker, Founder & CTO, Social Spectra, Nashik, have given hands on practices on ethical hacking

## Skype Session on Space Studies

A skype session on Space Studies was conducted by Ms. Sonal Baberwal, Mr. Kunal Naik and Mr. Avishek Ghosh who are students of International Space University, Ireland. Prominantly, Ms. Sonal Baberwal who is alumina of the institute unfold the importance of space technology in the field of Information Technology, Education, Entertainment and in several other fields.

Mr. Kunal Naik, from france, and Mr. Avishek Ghosh, from USA, had demonstrated the design process of the project they are engaged in like "Two Wheeler Child Robot Tether system". Moreover they made students aware about the online courses & projects available in the field of Aeronautical Engineering & Space Research. Mr. Avishek had explained the economy of third world and space research term. The guest suggested and guided the students about the numerous research topics. Mr.Kunal Naik & Mr. Avishek Ghosh shared their real life experiences with The students and also guided them in Robotics field.



## Career Opportunities in Core Field and M-Tech as Career Option

The session was conducted by Mr. Rahul Aglawe, Director, Gateforum, Amravati on Career Opportunities in Core Engineering Through GATE Exam and M-Tech As Career Option. Sir students 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.





## Two Days Workshop on Arduino Projects and Robotics

A two days workshop was conducted on Arduino based projects and robotics on 19<sup>th</sup> and 20<sup>th</sup> January 2019 at Electronics Design Lab of ENTC Department. The workshop was conducted by third year students of the ENTC department Ms. Purva Jaiswal, Ms. Garima Shukla and Ms. Anjali Katariya. The session was mainly designed for students of Electronics and Telecommunication Engineering, Computer Science Engineering and Information Technology Engineering. On the day one, students have learned the basics of the arduino and its programming concepts. On the day two, students were exposed to design concepts using RC Control and customization of RC. Participant were given the arduino kits and other handful components using which participants practically done the hands-on practices.

## Role of Professional Bodies in the Field of Engineering and Celebration of IETE Student's Day

A program was conducted on importance of professional bodies in the field of engineering on 1<sup>st</sup> February 2019. The main emphasis of the Seminar was to impart knowledge about the roles and objectives of various societies like IETE, ISTE and many others. Dr. A. P. Thakare, enlightened the students about the role of IETE in the fields of Information, Education and Entertainment & also highlighted the importance of being member of such societies. Dr. N. N. Kasat made students aware about the opportunities available in the field of Engineering being a member of IETE. On behalf of ISF students team, ISF Secretary, Ms. Asavari Thakare interacted with ISF members and gave the briefs about the various activities conducted by the Sipna ISF. Completing the seminar, Sipna ISF students team enthusiastically celebrated IETE Students day and distributed the membership certificate to all ISF members & Ms. Ashwini Kalanke, President of ISF read the message of Dr. K.T.V. Reddy, President IETE, New Delhi.



## Seminar on Fundamentals of Electronics

Third year student of Electronics and Telecommunication Engineering, Ms. Garima Shukla has conducted a seminar on fundamentals of electronics, on 6<sup>th</sup> February 2019. She discussed about resistors, capacitors and inductors and how different circuits can be designed using these components in her discussion.



## Indo-Japan Cultural Exchange Programme at Daito Bunka University, Japan

A cultural program was conducted at Daito Bunka University, Japan 6<sup>th</sup> to 12<sup>th</sup> October 2018. Ms. Gauri Umale presented a paper on Indian Music and also sung a Japanese song. Ms. Asawari Thakare presented a paper and also performed an Indian classical Odissi music.



## Seminar on Basic Electronics

One day seminar was conducted by students of third year Electronics and Telecommunication Engineering, Ms. Sanket Jaiswal, Ms. Saloni Khandelwal and Ms. Garima Shukla. The resource person has discussed about various components and devices in the field of electronics. They have also discussed about how mini projects can be done for gaining the basic knowledge of the subjects.

## Teachers' Day Celebration

A Teachers' Day was celebrated on 5<sup>th</sup> September 2018 by the students of ENTC department. On this day, all the students had expressed their gratitude and appreciation for teachers. Miss Nupur Bapat, students from third year, EXTC had sketched the beautiful portrait of all the faculties.



## Students Receive Third Prize in Conference

Ms. Nikita Chopade, Ms. Puja Ugale, Ms. Shraddha Chavan and Ms. Garju Bardeo receive third prize at Texcellence, a UG level conference organized by Prof. Ram Meghe Institute of Technology and Research, Badnera. Students discussed about Artificial Eye System for Reading Text and Converted Into Voice.



## Wallmagazine

On the occasion of Teachers' Day, Ms. Nupur Bapat student of third year, Electronics and Telecommunication Engineering has created sketch of all the faculties.





## Heartily Congratulations to Dr. Ujwal Ghate upon completion of his Ph.D.

Research Title:  
An Architecture for Synthesizing Mixed Signal Circuits in Deep Sub-Micron CMOS Technology  
Under the Guidance of:  
Dr. Ajay A. Gurjar



## Heartily Congratulations to Dr. Ajay Thakare & Dr. Nilesh Kasat

Been nominated as Member of Board of Studies  
in  
Electronics Engineering



Sr. No	Name	Total NPTEL Courses Completed Successfully	Course Title
1	Dr. A. D. Gawande	02	Introduction to R-Language & Introduction to Machine Learning
2	Dr. S. V. Rode	01	Digital Image Processing
3	Dr. A. S. Joshi	01	Digital Circuits
4	Dr. P. D. Gawande	01	Principles of Signal Estimation for MIMO/OFDM Wireless Communication.
5	Dr. A. V. Malviya	01	Digital Image Processing
6	Dr. U. S. Ghate	01	Digital Circuits
7	Prof. R. R. Gupta	01	Image Processing
8	Prof. N. T. Gadare	01	Digital Image Processing
9	Prof. V. A. Gulhane	01	Remote Sensing and Digital Image Processing of Satellite Data
10	Prof. S. S. Uparker	01	Digital Circuits
11	Prof. S. N. Kherde	01	Digital Circuits

## Heartily Congratulations to Prof. Ujwal Ramekar and Dr. Ajay Gurjar

Been Awarded with Best Paper at National Conference  
(NC-RASE 2018) held at  
Mauli College of Engineering, Shegaon.

Paper Title:  
Divine Chanting A-Stimulant To Seed Sprouting







## Vision

To Impart Quality Professional education to create world class Technocrats and Entrepreneurs to meet Industry Standards & Requirements.

## Mission

- To deliver Quality education to create Professional Excellence.
- To imbibe Advanced Knowledge in Applied area of Engineering and Technology.
- To remain updated with Contemporary Technology and develop managerial skills.
- To Provide Technical expertise along with Professional ethics as per Societal need.

## Program Education Objectives

1. The Graduates shall acquire the fundamental and advanced knowledge in Electronics & Telecommunication subjects along with additional knowledge on other subjects in mathematics, basic sciences, inter-disciplinary engineering, management and economics, enabling them to solve basic and complex engineering problems.
2. The Graduates will succeed in getting the entry-level engineering positions in Electronics & Telecommunication firms, Manufacturing firms and Government Organizations at regional, national and international levels.
3. The Graduates will succeed in the pursuit of higher degrees in Engineering and will continue life-long learning.
4. The Graduates will be aware of social responsibility, ethical standards and environmental issues so that they serve the society better.

## Program Outcomes

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
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.
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.
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.
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.
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.
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.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
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.
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.
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.

## Program Specific Outcomes

- PSO.1: An ability to recognize the basic concepts in Electronics & Telecommunication Engineering and to apply them to various areas, like Signal processing, Embedded systems in the design and implementation of systems.
- PSO.2: An ability to solve complex Electronics and Telecommunication Engineering problems using latest hardware and software tools, along with analytical skills to arrive cost effective and appropriate solutions.
- PSO.3: Demonstrate concept of data communication networking, OFC networking and wireless technology in various situations, and develop ability to classifying networks, analyzing performance and implementing new communication technologies.
- PSO.4: Design embedded system using the domain knowledge in Electronics & Telecommunication engineering and implements the same on embedded platform.



# 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 and 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 earned an 'A' Grade. We are the first institute in Maharashtra to get accredited under the new scheme- 2018.

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 amongst 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 belief in establishing professional & technical standards and a similar kind of environment prevailing at par.

Considering the perceptibly heavy influence of development in Electronics of any aspects of life, thorough knowledge of Electronics is necessary for the students for their future effective contribution as practicing 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 software 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.



**Dr. Avinash D. Gawande**

Head of the Department  
Electronics and Telecomm. Engineering