



**Shri Sant Gajanan Maharaj College Of
Engineering
SHEGAON, MS, INDIA
Newsletter June 2018**

**DEPARTMENT OF ELECTRONICS
AND TELECOMMUNICATION
JUNE 2018
Edition #3, Volume #2**



**World Class
Engineering
and
Management
in The
Environment
of Spiritual
Foundation to
Serve the
Global Society**

ABOUT:

The Department of Electronics and Telecommunication Engineering is one of the major department of SSGMCE, Shegaon established in 1983 offering programs: Under Graduate, Post Graduate and Ph.D. It is affiliated to Sant Gadge Baba Amravati University, Amravati, recognized by AICTE, New Delhi and approved by DTE, Maharashtra. The Undergraduate program of the Department of Electronics and Telecommunication Engineering has the recognition of being accredited four times by NBA, AICTE, New Delhi. The post graduate program was also accredited once by NBA, AICTE, New Delhi.

All the laboratories in the department are well equipped to run the program specific curriculum prescribed by the University. All laboratories are recognized and approved as research laboratories for Ph.D. work by SGB Amravati University.

Dr. G.S. Gawande

Head, Department of Electronics & Telecommunication Engineering

The department has following laboratories:

- Digital Signal Processing Lab.
- VLSI-Embedded System Design. Lab.
- Power Electronics Lab/ Instrumentation Lab.
- Project Lab.
- Communication Engineering Lab.
- Analog and Digital Circuit Lab.
- Electronics Devices and Circuit Lab.
- Electronics Work Shop Lab.
- Cadence Laboratory.
- PG Laboratory I
- PG Laboratory II

VISION:

- To impart quality education and excel in Electronics and Telecommunication Engineering research to serve the global society.

MISION:

- To develop excellent learning center through continuous interaction with Industries, R&D centers and Academia.
- To produce competent, entrepreneurial and committed Electronics and Telecommunication Engineers.
- To develop state-of-the-art infrastructure, centers of excellence and to pursue research of global and local relevance.
- To inculcate ethical, spiritual and human values to serve the global society.

Program Educational Objectives (PEOs)

- **PEO1:** To produce Electronics & Telecommunication engineers with a strong foundation of Mathematics, Science and Technology to fulfill needs of society.
- **PEO2:** To enable students to innovate design, simulate, develop, analyze and test hardware and software components for offering solutions to real life situations using state-of-the-art infrastructure and R&D facilities.
- **PEO3:** To nurture students with professional attitude, leadership, entrepreneurship, effective communication, teamwork & multi-disciplinary approach to serve in national and multinational organizations.
- **PEO4:** To inculcate ethical, moral and environment friendly values in students.

Program Outcomes (POs)

At the end of the program, a graduate will –

- [1] Develop an ability to apply knowledge of mathematics, science and engineering in appropriate fields of Electronics & Tele-communication engineering practice. (Engg. Knowledge)
- [2] Inculcate skills to design and conduct experiments, as well as to analyze and interpret data. (Problem Analysis)
- [3] Develop an ability to disseminate the knowledge of Components & Circuit Design, Communication Systems, Micro-computing & Digital System Design & implement them with latest technology. (Design ability)
- [4] Develop an ability to use research based knowledge using relevant literature survey to design experiments, mini projects, projects to analyze, interpret and synthesis the results to get valid conclusions. (Solutions to complex problem)
- [5] Develop an ability to use modern engineering & IT tools and techniques to solve industrial and

engineering problems. (Use of modern tools)

- [6] Show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues. (The Engineer and the society)
- [7] Develop an understating of professional, moral, cultural and environmental responsibilities while imparting Electronics & Telecommunication Engineering solutions. (Environment and sustainability)
- [8] Inculcate an ability to apply principles of professional ethics and responsibilities while implementing engineering practices. (Professional responsibilities & Ethics)
- [9] Demonstrate an ability to work efficiently in the capacity of an individual, member or leader of a diverse team including multi-disciplinary tasks. (Team work)
- [10] Communicate effectively in both verbal and written form not only with engineers but also with the society at large. (Communication skills)
- [11] Be able to apply principles of project management and finance while effectively completing engineering and multi-disciplinary projects as an individual, a member or a leader. (Project management and finance)
- [12] Constantly perceive the need of consistent professional up gradation and will pursue independently the technological developments through trainings and higher studies. (Life long learning)

Program Specific Outcomes (PSOs)

- **PSO1** Students will be able to apply the fundamental and design knowledge in the areas of analog and digital circuits and systems for solving the real world engineering problems
- **PSO2** Students will be able to apply the fundamental knowledge for the analysis and development of communication based circuits and systems

Recent publication by faculty:**Recent journal publication:**

Sl No.	Author	Title of article/ title of book/ Book	Journals details	Volume and Issue No.	Page No.	Year of publication	Issn/ Isbn
1	Dr. M. N. Tibdewal	Performance analysis of power and power variance for classification, detection and localization of epileptic multi-channel EEG	Accepted for publication in SCI indexed springer's journal (springer microsystems technology SCI – indexed journal -)	--	--	Jan -2018	--

Students internship statistics:

Sl.No.	Name of the Student	Name of the company	Duration
1.	Vaibhav Kale	Machine fabrik Pvt. Ltd. Mumbai (Internship + Project)	01 year (Internship + Project) 21/12/2017 to 21/12/2018
2.	Vaibhav Nimje		
3.	Lalit Narkhede		
4.	Amit Waghmare		
5.	Pradip shelke		
6.	Vinayak Khirsagar		
7.	Mahendra Jadhao	SCIR CEERI Pillani	01Year
8.	Vishal Magar	Easto control system Pvt. Ltd. Nasik	04/06/2018 to 15/06/2018
9.	Rishikesh Pachghade		
10.	Jayshri Ingole		
11.	Pallavi Langade		
12.	Bidisha Bose	Tinplate, Jamshedpur	01 Month
13.	Rohit Gawali	Yogiraj control, Wardha	01 Week
14.	Akshay Rajurkar	Multivirt Pvt. Ltd. Delhi	01 Month
15.	Saurabh Das		
16.	Saurabh Puranik		
17.	Vikrant Pathode		

18.	Sayali pusegaonkar	Endress houser Inst. Pvt. Ltd. Aurangabad	02 Weeks
19.	Yogita Dote	Dox Pro Robotics Pvt. Ltd. Amaravati (Internship + Project)	01 year
20.	Ashwini Khanole		
21.	Samiksha Deshmukh		
22.	Priya Bunde		
23.	Komal Tapase	V-chip design, Pune	(3 Weeks)
24.	Pragati Sonone		
25.	Sapana Gawande		
26.	Pratik Tidke		

Participation in inter-institute events by students

Sl. No	Name	Date	Event	Conducted by
1	Vaishnavi Patil	25-31 Jan 2018	Entrepreneurship summit (E-Summit)	IIT Bombay
2	Maroof Ahmad			
3	Agneya Bhople	14 April 18	Ignited innovators of india (I2I) project competition	College of Engineering, Pune
4	Mayank Koparkar			
5	Maroof Ahmad			
6	Pratik Chincholkar			
7	Mayuri Chavan			
8	Radha Kotgirwar			
9	Sayali Pusegaonkar			
10	Shivani Pohare			
11	Shubhashri Darokar			
12	Vishakha Parnate			
13	Abhishek Dongare			
14	Ajay Thakur			
15	Shubham Kulkarni			
16	Abhilash Rawankar			
17	Bhushan Dhawane			
18	Shradha Rajguru			

19	Venkatesh Ramilla	5-7 March 2018	TechnoArena, national level technical student festival	Government college of engineering, Jalgaon
36	Snehal Dhamode	19-20 Jan 2018	IGNITE, National level techno cultural event	Mauli college of engineering, Shegaon

Workshop Organized by the Department:

- Two days workshop on "Hands on VLSI Circuits Design Using Cadence" was organized by Prof. P. R. Wankhede and Prof. S. P. Badar during 31st March to 01st April 2018 for all 2nd year students of ExTC department.

Seminar organized by the department:

- One day seminar on "What is after BE?" was organized by Prof. V.N.Bhonge and Prof. D.P.Tulaskar for all the students of ExTC department on 11th January 2018. The lecture was delivered by three speakers **Mr. Pankaj Bajaj**, DGM Concentrix IT-Sr. Solution Architech, and **Mr Parag Jot**, Director Jot Educational Services, Nagpur, and **Mr. Rohit Chandak**, Scientific Officer (F) BARC.

Guest lecturers arranged in the department :

- A guest lecture on "Image Processing" was arranged by Prof. B. P. Harne on 18th and 20th January, 2018 for all 2nd year students of ExTC department. The lecture was delivered by **Dr. M. A. Joshi**, Former Professor COEP, Pune
- A Guest lecture on "Global System for Mobile communication" was arranged by Prof. D. P. Tulaskar on 20th January, 2018 for all final year students of ExTC department. The lecture was delivered by **Dr. Avinash Joshi**, Senior Principal Consultant, Core Networks, Tech Mahindra.
- A guest lecture on "Code-Division Multiple Access" was arranged by Prof. D. P. Tulaskar on 10th March, 2018 for all final year students of ExTC department. The lecture was delivered by **Dr. Avinash Joshi**, Senior Principal Consultant, Core Networks, Tech Mahindra.

Student industry visit with faculty:

Sl. No.	Industry	Date	Name of the faculty involved	Class
1	Industrial Tour 1) Police Wireless Training Center, Dr. Homi Bhabha Road, Pune 2) Renu Electronics, Baner road Ghotawade, Pune	15 th to 18 th Jan. 2018	Prof. V. M. Umale Prof. D. P. Tulaskar Prof. Ms. L. Samal Mr.P.P.Dharmadhikari	Final year



Industrial Tour with Students at Renu Electronics, Baner road Ghotawade, Pune

Final year placement statistics :

Sl. No.	Name of student placed	Name of the employer	Date
1	Bhumika Parashar Abhilash Ravankar Shubham Saitwal Alisha Panjabi Vinita Agrawal Chaitanya Kalamkar Tushar Zombade Purnima Singh Bhushan Dhawane Shweta Gaikwad Tanmay Bisen Anuja Nikade Sonam Dhamodkar	TCS Ltd., Pune	10/01/18
2	Hariom Gangde	Bynry technologies, Pune	20/02/18
3	Pratisha Padishalwar Bhavana Chaudhari Ravina Sonar Meharpriti Mune	KPIT, Pune	05/03/18
4	Ruchita Gangawate	Arete technology, Nashik	03/04/18
5	Tanmay Bisen Vinay Parate Durgesh Patil Pushpanjali Jadhao Riya Jadiya Raj Harne Mohd. Tabish Prashant Olambe Aishwarya Wagdarkar Dnyaneshwar Umale	CMS IT services Pvt. Ltd., Nagpur	14/04/18

Industry visit by faculty:

Name of faculty	Name of industry	Outcome of industry visit
Dr. G. S. Gawande	Concentrix, Pune NCL, Pune	Internship, expert lecture, placement, sponsored projects
Dr. R. S. Dhekekar	ESTRO, Nasik, (Power Control)	Internship, expert lecture, placement, sponsored projects
V. M. Umale	MGIRI, Wardha	Internship, expert lecture, placement, sponsored projects
V. N. Bhonge	Doxpro robotics, Pvt., Ltd, Amravati	Internship, expert lecture, placement, sponsored projects
Dr. D. D. Nawgaje	ANDlab technology, Mumbai	Internship, expert lecture, placement, sponsored projects
S. G. Namane	Bureugcon Tech., Pvt. Ltd, Pune	Internship, expert lecture, placement, sponsored projects
M. L. Bhaiyya	NXG Pvt. Ltd., Pune	Internship, expert lecture, placement, sponsored projects
D. L. Bhombe	Tech. Prometheon, Pune	Internship, expert lecture, placement, sponsored projects
Ms. K. M. Thanvi Mrs. B. P. Harne Ms. Lopamudra Samal	EndressHauser (India) Automobile Inst. Pvt. Ltd, Aurangabad	Internship, expert lecture, placement, sponsored projects
V. K. Bhangdiya	Indeion tech., Pune	Internship, expert lecture, placement, sponsored projects
V. K. Bhangdiya	CEERI Pillani	Internship, expert lecture, placement, sponsored projects
K. T. Kahar	Yogiraj control, Wardha	Internship, expert lecture, placement, sponsored projects
K. T. Kahar	Tinelate India, Jamshedpur	Internship, expert lecture, placement, sponsored projects
M. N. Tibdewal	Siemens, Nashik	Internship, expert lecture, placement, sponsored projects
M. N. Tibdewal	RENU electronics, Pune	Internship, expert lecture, placement, sponsored projects
A. N. Dolas	Machine fabrik Pvt. Ltd., Mumbai	01 Sponsored project
D. P. Tulaskar	V-Chip technology Pvt. Ltd., Pune	Internship, expert lecture, placement, sponsored projects

Community development and extension services offered by the department:

- Prof. V.N.Bhonge and Prof D.P.Tulaskar had organized a workshop for the students of 9th & 10th class of Z.P.High school, Paturda on 8th Dec. 2018.

Publisher:

Dr.G.S.Gawande

Head ,

Electronics and Telecommunication Engineering

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Prof. D. P. Tulaskar

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