



**SHRI SANT GAJANAN MAHARAJ  
COLLEGE OF ENGINEERING  
SHEGAON, MS, INDIA  
Newsletter June 2017**

**DEPARTMENT OF ELECTRONICS  
AND TELECOMMUNICATION  
ENGINEERING  
JUNE 2017  
EDITION #2, VOLUME #2**



### **ABOUT DEPARTMENT:**

The department has taken development as a continuous process and assured this through its mission. The department has blend of senior, young and dynamic staff. The department has following laboratories equipped with modern instruments and advanced software.

- Digital Signal Processing Lab. /VLSI-Embedded System Design. Lab.
- Power Electronics (Instrumentation) Lab. / Project Lab.
- M.E. Computer Lab
- Communication Engineering (UHF) Lab.
- Analog and Digital Circuit Lab./ Electronics Devices and Circuit Lab.
- Electronics Work Shop Lab

To cope up with the advanced curriculum of the university, all these laboratories are equipped with special instruments like Wobuloscope, Emulator, OTDR simulation package, Xilinx 6.4, PLDs, TMS 380C50 DSP trainer kits, Klystron & Gunn benefits.

Dr. G.S. Gawande Head, Department of Electronics & Tele. Engineering

### **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(PEO'S):**

<b>PEO1</b>	To produce Electronics and Telecommunication engineers with a strong foundation of Mathematics, Science and Technology to fulfill needs of society.
<b>PEO2</b>	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.
<b>PEO3</b>	To nurture students with professional attitude, leadership, entrepreneurship, effective communication, teamwork and multi-disciplinary approach to serve in national and multinational organizations.
<b>PEO4</b>	To inculcate ethical, moral and environment friendly values in students.

## Recent publication by faculty:

### Recent journal publication:

Sr. No.	Author	Title of article/ Title of book	Journals details
1	Prof. Manish Bhaiyya	Low-cost fabrication of polymer substrate based piezoelectric micro generator with ppe, IDE &ME	The institution of engineering and technology, IET journal
2	Prof. D.P.Tulaskar	Implementation of energy harvesting system using soil for agriculture parameters monitoring and controlling using IOT	IJIREEICE
3	Prof. D.P.Tulaskar	Design and development of AL foil IDE electrode based ambient harvester	ISSS 2017 (SPRINGER)
4	Dr. D.D. Nawgaje	Design and implementation of an energy load management using artificial neural network: Review	International journal of modern trends in engineering and research
6	Prof.M.N.Tibdewal	Multiple entropies performance measure for detection and localization of multi-channel epileptic EEG	Biomedical signal processing and control Elsevier -science direct
7	Dr. G. S. Gawande	Review on computer aided plant species identification based on leaf images.	Elixir international journal

### Recent conference publication:

Sr. No.	Author	Title of article/ Title of book	Conference details
1	Prof. V.V. Ratnaparkhi	Design and simulation 15w power amplifier for 2.4 GHZ applications	International conference at NITTR, chandigarh
2	Prof. Vivek Ratnaparkhi, Mr.Anil Hiwale	35 W GAN solid state driver amplifier for l-band radar applications/intelligent Computing and Communication	2 <sup>nd</sup> International conference ICICC

### Guest lecturers arranged in the department in 2016-17:

- Guest lecture on "Cyber crime awareness" by Mr. Pandurang Naik (District chairperson, cyber crime awareness institute Goa), Adv. Vilas Naik, Mahim (Geon fellow (MGF), Adv. Lion Vilas Naik, Mr. Sham Adpaikar (Social worker), Mr. Girish Keni (Charter accountant) .
- A Guest lecture by Mr. Jagat Shah, representative of government of Manitoba, Canada on "Self employment opportunities for students" on 16<sup>th</sup> February 2017.

### Final year placement statistics in 2016-17:

Sr.No.	Name of company	Date	Name of the students placed
1	L&T Infotech Ltd., Pune	11 <sup>th</sup> & 12 <sup>th</sup> January 2017	1. Soham Dhole
2	Pompeii Technologies Pvt. Ltd. Mumbai/Nagpur	13 <sup>th</sup> February 2017	1. Pooja Laddha 2. Ankita Dharamtok 3. Reshma Shaikh 4. Nidhi Shirbhayye 5. Vaibhav Chincholkar 6. Shravan Paralikar 7. Surendra Hingane 8. Snehal Marode 9. Arati Wadhokar 10. Diksha Chopade 11. Bhumika Chavhan 12. Tejaswini Pohare 13. Vishakha Deshlahara 14. Prachi Yenugwar 15. Ankita Yemprediwar 16. Divya Jaiswal 17. Kalyani Patankar 18. Leena Shah 19. Shubham choudhary

3	Pratibha Global Pvt. Ltd., Indore	18 <sup>th</sup> & 19 <sup>th</sup> March 2017	1. Vishakha Deshlahara 2. Komal Tayade 3. Akshay Tadas 4. Gopal Atkare
4	ECLERX, Mumbai	25 May 2017	1. Priya varma
5	Shree Ganesh Press & Coat India Pvt. Ltd., Aurangabad	6 May 2017	1. Manoj Khandare 2. Vishal Koram

### Internship statistics in 2016-17::

Sr.No.	Name of the student	Class	Name of the company
1	Chaitannya Gore	Third year	Siemens Pvt. Ltd. Nashik
2	Avinash Nagare		
3	Ashwini Singh	Third year	Mitsubishi electric Pvt. Ltd. Pune
4	Raviraj Deshmukh		
5	Raj Harne		
6	Sakshi Meshram		
7	Monali Kathane	Third year	Yogiraj control Pvt. Ltd. Wardha
8	Rashmi rathi		
9	Leena Shah		
10	Kalyani Patankar		
11	Sampada Patil	Third year	Maritime research Ltd. Pune
12	Sweta Gaikwad		
13	Soniya Dhamodkar		
14	Achal Bangade	Final year	NCL Pune
15	Aishwarya Wagdarkar		
16	Mamta Rathi		
17	Shraddha Rikhe		

### List of toppers in 2016-17:

Year	Name of students	University rank	CGPA
2017	Ku. Aditi Subodh Patwardhan	II	9.07
2017	Ku. Payal Dilip Agrawal	VIII	8.84
2017	Ku. Komal Mahavir Thanvi(M.E.)	I	8.96

**Student's participations in various college level events:**

Sr.No	Name	Date	Event	Conducted by	Event outcome
1	Mansi Dabhade	6 to 7 <sup>th</sup> April 2017	Ignited Innovators of India (I2I) project competition	College of Engineering, Pune	Participated
2	Yash Sanghani				
3	Vaishnavi Thakre				
4	Vaishnavi Vyawahre				
5	Arti Tawari				
6	Gaurav Makde				
7	Aboli Vibhute				
8	Ashvini Bhagat				
9	Suraj Pohekar				
10	Bharat Dhabhekar				
11	Prashik Tidke				
12	Gauri Gawande				
13	Sakshi Meshram				
14	Tanvi Gujar				
15	Ashwini Singh				
16	Abhilash Ravankar				
17	Tushar Zambade				
18	Prashant				

	Wankhade				
19	Bhumika Parashar				
20	Anjali Fadanvis				
21	Sarika Chikte				
22	Megha Ghotal				
23	Vinayak Kshirsagar				
24	Sandeepkumar Garad				
25	Priya Masane				
26	Raj Harne				
27	Ashwini Singh				
28	Raviraj Deshmukh	16-17 <sup>th</sup> Feb 2017	2 <sup>nd</sup> Mitsubishi electric cup (MI cup), national level automation competition	Mitsubishi Electric Pvt Ltd, Pune	Participated
29	Sakshi Meshram				
30	Kalyani Patankar	9-10 <sup>th</sup> March 2017	National level project competition	Government college of Engineering, Amravati	Participated
31	Monali Kathane				
32	Ganesh Mankar				
33	Prajwal Chonatkar			Mauli groups of Institutions COE & Technology, Shegaon Dist. Buldana	
34	Nikhil Jibhakte	2-5 <sup>th</sup> March 2017	Inter college yoga championship		Participated
35	Bhavana Chaudhari				



36	Ravina Sonar				
37	Shrutkirti Patil				
38	Ankita Bhelonde				
39	Jayyashree Rajput				

### Student's/Faculty achievements in 2016-17:

- Mr. Tushar Zombade received best paper award at ICEMESM-17, Nagpur (International conference on emanations in modern engineering science and management.) & paper is published in international journal).
- Mr.Vaibhav Galande, Mr.Akshay Renge ,Ms.Vrushali Patil , Ms.Tejaswini Pohare, Ms. Darshana Shinde secured II Rank in TECHNO-XTREME-17 project competition of JDIET, Yavatmal on 30<sup>th</sup> March.



- Mr. Ganesh mankar, Ku.Ravina sonar secured 1<sup>st</sup> position at dist. Level organized by Maharashtra himalaya yoga Olympiad association.
- Mrs. Sneha Shyam Gachake awarded in 3<sup>5th</sup> National yoga Championship on 2<sup>st</sup> to 2<sup>3rd</sup> April 2017 at K.S.R. Educational Institution, Kalvi Nagar, Tiruchengode Namakkal, Tamilnadu.



- Mr. Shubham Soni Mr. Sachin Nair ,Mr. Tejas Choudhari ,Mr. Prashik Tidake ,Mr. Jai Thakur. Secured II Rank in Badminton Inter in Zenith -17 of SGGS Institute of Engg. and Tech., Nanded on 17<sup>th</sup> to 19<sup>th</sup> March, 2017



### Sponsored projects in 2016-17:

Project group No.	Class	Name of students	Guide
RFID based bus tracking with smart security system	Third year	Ku. Payal Dilip Agrawal	Dr.D.D.Nawgaje
		Ku. Harshada G. Bharote	
		Ku. Arti Nagesh Ingle	
		Ku. Pranali Suresh Narwade	
		Ku. Pooja Ramesh Gawhande	
Efficient street lighting	Third year	Vaibhav Ramesh Galande	Prof.V.K.Bhangadiya
		Ku. Darshana Devidas Shinde	
		Ku. Tejaswini Vinayak Pohare	
		Ku. Vrushali Sanjay Patil	

		Akshay Pundlikrao Renge	
Adaptive lighting system for automobile	Third year	Shyam Bhikanrao Deshmukh	Prof.K.T.Kahar
		Prasad Hanuman Sontakke	
		Rameshwar Shivshankar Bhutekar	
		Sachin Nandkishor Jadhao	
		Nikhil Bhagwan Jibhakate	
Web based online weather parameters monitoring system using raspberry pi	Third year	Sushil Subhash Magar	Prof.P.D.Kale
		Dhiraj Rajeshrao Raut	
		Vaibhav Ajay Gaikwad	
		Ku. Bhumika Dayaram Chavhan	
		Ku. ali Gulabrao Bilore	
Design of automatic 3-phase induction motor starter with protection	Final year	Ku. Kalyani Jayram Patankar	Prof.K.T.Kahar
		Ku. Monali Arun Kathane	
		Ku. Rashmi Rajeshrao Rathi	
		Ku. Leena Chandulal Shah	

#### Workshop organized by the department:

- Three days workshop on "Oracle Technology – Application Development Framework" organized on 17<sup>th</sup> to 19<sup>th</sup> March 2017.
- Workshop on 'RF Circuit Design and Components' using ADS software" on 25<sup>th</sup> to 28<sup>th</sup> of March 2017.

#### CEP undertaken by the department:

Sr. No.	Name of activity	Name of organizing staff	Date	Participants
01	Two week summer school on embedded systems and IOT applications	Prof. P. R. Wankhede	13 <sup>th</sup> June to 25 <sup>th</sup> June, 2016	All branch students & faculty
02	Self financed two week STTP on embedded systems design (Hands on approach)	Dr. K. B. Khanchandani & Prof. P. R. Wankhede	12 <sup>th</sup> June to 24 <sup>rd</sup> June, 2017	All branch students & faculty

03	Self financed two week STTP on internet of things (hands on approach)	Dr. K. B. Khanchandani & Prof. P. R. Wankhede	27 <sup>th</sup> June to 8 <sup>th</sup> July, 2017	All branch students & Faculty
----	---	---	---	-------------------------------

**Community development and extension services offered by the department:**

- Mrs. S.S. Gachake conducted yoga classes on 21<sup>st</sup> June 2017 at Saptrashruni English School, Shegaon.
- Mrs. S.S. Gachake organized awareness of Yoga on August 2017.

<b>Publisher:</b>  Dr.G.S.Gawande  Head ,Electronics and Telecommunication	<b>Editorial Team:</b>  Prof.V. N. Bhonge,  Prof.D. P. Tulaskar  Mr. Chaitanya Kalamkar
--	---

**web <http://www.ssgmce.ac.in/ssgmce/departments/ETC-engg/site>  
| Phone No. 07265 252478 Ext -302  
| email: [hod\\_extc@ssgmce.ac.in](mailto:hod_extc@ssgmce.ac.in)**