



**Shri Sant Gajanan Maharaj College Of  
Engineering  
SHEGAON, MS, INDIA  
Newsletter June 2019**

**DEPARTMENT OF ELECTRONICS  
AND TELECOMMUNICATION  
JUNE 2019  
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**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 & Tele. Engineering**

### **The department has following laboratories:**

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

- [1] To develop excellent learning center through continuous interaction with Industries, R&D centers and Academia.
- [2] To produce competent, entrepreneurial and committed Electronics and Telecommunication Engineers.
- [3] To develop state-of-the-art infrastructure, centers of excellence and to pursue research of global and local relevance.
- [4] 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

### **Guest lecturers arranged in the department :**

- Guest lecture on " Embedded system " was organized by Prof. B. P. Harne and Prof. L. Samal on 18<sup>th</sup> January 2019 for all the BE final year students of ExTC Department, The lecture was delivered by Mr. Nitin Paranjape, Managing Director Edutech learning solution Pvt. Ltd., Baroda.

### **Seminar arranged in the department :**

- A seminar on "Need of electronics in industry" was organized by Prof. D. P. Tulaskar on 18<sup>th</sup> March 2019 for all the BE second year students of ExTC Department. The lecture was delivered by Mr. Sanjay Choudhari, Electronics Study Centre, Nashik.

## Student internship:

Sl.No.	Name of the student	Name of the company	Duration/Date
1.	Gaurav Bajaj	Sciencetech Technologies Pvt Ltd, Indore.	07/01/2019 to 07/02/2019
2.	Saurabh Gawali		
3.	Rushikesh Mor		
4.	Mukul Dubey		
5.	Isha Sayani		
6.	Sayali Pusegaonkar		
7.	Nikita Bhagat	Eastro Automation, Nashik	07/01/2019 to 07/02/2019
8.	Yash Manaskhe		
9.	Dhiraj Kadu		
10.	Rohit Wagh		
11.	Bidisha Bose	TINPLATE Company of India Ltd., Jamshedpur .Jharkhand	15/06/2019 to 13/07/2019
12.	Gaurav Bajaj	Sciencetech Technologies Pvt Ltd, Indore.	05/01/2019 to 02/02/2019
13.	Saurabh Gawali		
14.	Rushikesh More		
15.	Mukul Dubey		
16.	Isha Sayani		
17.	Sayali Pusegaonkar		
18.	Shubham Kulkarn	Reve Automation, Gandhi Nagar, Ahmadabad	22/12/2018 to 05/01/2019
19.	Yuvaraj Patil		
20.	Prajakta Kale		
21.	Pratiksha Kale		
22.	V. Rangdale		
23.	Rutuja Gonde		
24.	Mayuri Khetta		
25.	Subodh S. Unhale	S A Electronics, Pune	30/12/2018 to 15/01/2019
26.	Mohit U. Vyas		
27.	Manish Tinkhede		
28.	Gopal Jadhao		
29.	Prasad Mukkawar		
30.	Hardik Sanganeria	Automize Everything, Akola	01 month
31.	Sharvari Bhojan	S A Electronics, Pune	01/02/2019 to 10/02/2019
32.	Harshada Saraf		
33.	Sakshi Bobade		
34.	Rutuja Kaikade		
35.	Samiksha Kadu		

36.	Tejas Raju Gode	S A Electronics, Pune	11/02/2019 to 20/02/2019
37.	Adesh Sanjay Ride		
38.	Ketan J. Kshirsagar		
39.	Nimish P. Hatwar		
40.	Tushar A.Tathod		
41.	Shriram Lohar	Eastro Automation, Nashik	26/02/2019 to 08/03/2019
42.	Yash Manakshe		
43.	Swati P. Bajode	S A Electronics, Pune	11/03/2019 to 20/03/2019
44.	Anjushri P. Bhamkar		
45.	Vaishnavi E. Helode		
46.	Ishwarya G. Ingle		
47.	Divya P. Gulhane		
48.	Vrushali S. Shelke		
49.	Dhiraj Kadu	HR Department, Scientech Technologies Pvt Ltd, Indore.	18/03/2019 to 04/04/2019
50.	Pawan Hiwarkar		
51.	Rohit Wagh		
52.	Pallavi Fartode		
53.	Vaishnavi Pati	Integrated Test Range (ITR) DRDO. Chandipur, Balasore, Odisha	15/06/2019 to 15/07/2019
54.	Saeer Shenwai		
55.	Prathamesh S Edne		
56.	Dhananjay V Ghiye		
57.	Vinaya Mahajan		
58.	Vaishnavi Rode		
59.	Swapnil Rathod		
60.	Sanket Rathod		
61.	Chaitali Dange		
62.	Swati Badhe		
63.	Shruti Borikar		
64.	Radha Kotgikwar		
65.	Vaishnavi Kombe		
66.	Apeksha Deshmukh		
67.	Neha Singh		
68.	Md Maroof Ahmad		
69.	Shubhashri Darokar		
70.	Aditi Khandelwal		
71.	Aniket Fasate		
72.	Mayuri Rajurkar		
73.	Shantanu Gawande		
74.	Chaitanya Kolapure		

## Participation in inter-institute events by students

Sl. No.	Name	Date	Event	Conducted by
1	Vaishnavi Patil	19/01/2019 to 20/01/2019	E-Summit, National Entrepreneurship Challenge	IIT Bombay
	Saurabh Vaishya			
	Piyush Bhomale			
	Tushar Tathod			
	Shweta Chandankhede			
	Nimmish Hatwar			
Tanvi Pokale				
2	Anand Kharat	18/01/2019 to 20/01/2019	IEEE Congress 2019	IIT Bombay at SITRC, Nashik
3	Saurabh Gawali	01/03/2019 to 02/03/2019	Prajwalan-19	Govt. College of engineering Amravati
4	Shivani Ramesh Pohare	29/03/2019 to 30/03/2019	Ignited Innovators of India (I2I) project competition	College of Engineering, Pune

## Workshop organized by the department:

- Two days workshop on " Hands on VLSI circuit design using Cadence" was organized by Prof. S. P. Badar during 16<sup>th</sup> to 17<sup>th</sup> March 2019 for all 3<sup>rd</sup> year final year students of ExTC department.



- The faculty development programme on “Robotics and artificial intelligence” was coordinated by Prof. P. R. Wankhede during 24th June to 28th June 2019. It was organized by E & ICT, Academy, IIITDM Jabalpur and conducted by Electronics and ICT Academies through National Knowledge Network under the scheme of financial assistance for setting up of Electronics and ICT Academies by the Ministry of Electronics and Information Technology (MeitY), Government of India



- One day workshop on " MATLAB” was organized by Dr. G. S. Gawande on 31<sup>st</sup> March 2019 for all 2<sup>nd</sup> year students of ExTC department.

### Industry visit by faculty:

Sl. No.	Industry	Name of the faculty involved	Duration
1.	Vchip Technology pvt ltd. Pune	Dr. K. B. Khanchandani Prof. D. P. Tulaskar	01/01/2019
2.	Syslogyx Technologies Pvt Ltd, Nagpur. Beta Computronics Private Limited, Nagpur	Prof. B. P. Harne Prof. L. Samal	08/02/2018
3.	Entuple Pvt Ltd , Pune NXG Pvt Ltd , Pune Barqucon Pvt Ltd , Pune Essen Technocraft Pvt Ltd , Pune	Prof. M.L.Bhaiyya, Prof. Shon Nemane, Prof.Kamlesh Kahar, Prof. Vikram Ingole	27/05/2019 to 29/05/2019

### Guest lecture given by the faculty in other institute:

- Siddhivinayak Technical Campus of Khamgaon, invited Dr. G. S. Gawande for guest lecture. He delivered a talk on “present scenario in technical education” on 11<sup>th</sup> February 2019.



## Prizes received by students:

Sl. No.	Name	Date	Event	Conducted by	Event outcome
1	Ajay Thakur	22/01/2019 to 25/01/2019	13th Cadence design contest 2018	Cadence Design Systems(I) Pvt. Ltd , Bangalore	Runner-up
2	Ritesh Dhamode				
3	Rohit Wagh				
4	Abhijeet Jawarkar				
5	Mohd. Maroof Ahmad	02/03/2019 to 03/03/2019	Smart India Hackathon	MHRD & AICTE at Oriental University, Indore	Winner
6	Bidisha Bose	29/01/2019 to 30/01/2019	1st West Zone Pencak Silat Championship, Aurangabad	Maharashtra Pencak Silat Association	Won Bronze Medal
7	Rahul Sapkal				
8	Neha Chandore				
9	Saurabh Gawali	27/02/2019	Vidyotan 2019	Sipna College of Engg. And Technology, Amravati	Runner-up
10	Mohit Vyas	17/04/2019 to 05/06/2019	Skill universe, national engineering skill development Exam 2019	Skill Universe, Pune	Selected as campus ambassador
11	Ajinkya Dholekar	25/03/2019 to 26/03/2019	SGBAU Start up fest	SGBAU Amaravati	Won 2nd prize
12	Gaurav Burrewar				
13	Hardik Sanganeria				
14	Vaibhav Dixit				
15	Aarti Gohatre	25/03/2019 to 26/03/2019	SGBAU Start up fest	SGBAU Amaravati	Won 3rd prize
16	Prajakta Yawle				
17	Mansi Dabhade				
18	Chaitanya Jain				
19	Vinayak N Boratwar				
20	Yash Rajesh Shrivastava				

**Hearty Congratulations!**

Shri Sant Gajanan Maharaj College of Engineering, Shegaon won 2<sup>nd</sup> Rank at National Level 13<sup>th</sup> edition of the Cadence Design Contest at Bangalore on 23<sup>rd</sup> Jan 2019, amongst esteemed institutes like IITs, IISc, NITs, and BITS. This cadence contest had three rounds of rigorous evaluation process by an expert committee from VLSI design. The criteria for evaluation were inventiveness, complexity, and feasibility, breadth of VLSI design, effective cadence tool usage, and presentation. These students will be given paid internship by Cadence at Bangalore

**Cadence Design Contest 2018**  
Runner-Up Project  
awarded to  
Rohit P Wagh, Ritesh B Dhamode,  
Ajay C Thakur and Abhijeet S Jawanjalkar  
representing  
Shri Sant Gajanan Maharaj  
College of Engineering, Shegaon  
under the guidance of  
Dr. K B Khanchandani and Prof. S P Badar  
in the Undergraduate category

**AIR-II**

Dr. G. S. Gawande  
Head, EXTC dept.

Dr. S. B. Somani  
Principal

Hon'ble Shrikantdada Patil  
Managing Director



13<sup>th</sup> Cadence design contest 2018

Project team receiving prize at SGBAU Start-up fest.

## Details of faculty as participants in faculty development training :

Name of the faculty	Name of programme	Place	Date
Dr. G.S. Gawande	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Dr. K.B. Khanchandani	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Prof. V. M. Umale	One day workshop on “Exam Reform”	COEP, Pune	28 Feb. 2019
	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Prof. V. N. Bhonge	One Day Workshop on “New Format for Higher Education Institute (Engineering Affiliated Colleges)”	SSGMCE, Shegaon	22 Feb. 2019
	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Dr. M. N. Tibdewal	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Prof. D. L. Bhombe	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Dr. D. D. Nawagaje	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Prof. D. P. Tulaskar	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Prof. A. N. Dolas	E&ICT, IIITDM, Jabalpur sponsored faculty development programme on “Robotics and artificial intelligence”	SSGMCE, Shegaon	24-28, June 2019
Prof. V. K. Bhangdiya	Workshop on “Artificial Intelligence and Machine Learning”	Dr. D. Y. Patil School of Engg, Pune	26-27 Feb. 2019
Prof. P. D. Kale	E&ICT, IIITDM, Jabalpur Sponsored Faculty Development Programme on “Robotics and Artificial Intelligence”	SSGMCE, Shegaon	24-28, June 2019
Prof. Manish L. Bhaiyya	E&ICT, IIITDM, Jabalpur Sponsored Faculty Development Programme on “Robotics and Artificial Intelligence”	SSGMCE, Shegaon	24-28, June 2019

## Final year placement details:

Sl.No.	Name of the company	Date of drive	Name of students placed	Salary offered in Lakhs per annum
4.	Threeh Systems Pvt. Ltd. in Pratap Nagar,	4 <sup>th</sup> Jan. 2019	Sandhya Solanke Pallavi Langade Vinayak Boratwar Harshal Jaiswal Vaibhav Dixit Anushri Borkar Prajakta Yawle Rushikesh Pachgade	2.00
5.	Cinif Technologies Ltd., Chandigarh	15 <sup>th</sup> Jan.2019	Prashik Tidake Sandhya Solanke Sayali Karale Vishal Keshavwar Nikita Bhagat Chaitalee Hedau Arvind Wwaychal	3.26
6.	Grifeo Technologies, Bhubaneswar	11 <sup>th</sup> Jan.2019 17 <sup>th</sup> Jan. 2019	Aarti Gohatre Manasi Sarnaik	2.0 TO 4.8
7.	Cognizant Technology Solutions Pvt.Ltd.,Pune	26 <sup>th</sup> Jan. 2019	Aniket Kadukar Arati Tawari Prajakta Yawle Darshan Patil Gaurav Burrewar	3.36
8.	Collabera Technologies Pvt.Ltd., Bangalore	11 <sup>th</sup> & 13 <sup>th</sup> Feb. 2019	Chaitanya Jain Sayali Karale Varada Kolhe Nidhi Choudhari Pooja Dabhade	4.5
9.	Tudip Technologies, Pune	2 <sup>nd</sup> March 2019	Kartik Agrawal Mansi Dabhade Pallavi Langade	3.00
10.	KPIT, Pune		Gaurav Makde Nitesh Pidurkar	3.38
11.	Genpact, Pune	14 <sup>th</sup> Mar. 2019	Aniket Nischal Vaibhav Dixit	2.40 to 4.30
12.	ConneQT, Hyderabad	16 <sup>th</sup> March 2019	Rushikesh Pachgade	2.16 to 2.80
13.	Nahars Engineering Pvt. Ltd., Aurangabad	16 <sup>th</sup> Mar. 2019	Akash Kolse	1.8 to 2.5
14.	Ramkrishna IT Consulting Pvt. Ltd., Pune	26 <sup>th</sup> Mar. 2019	Swati Bobade	2.4 to 2.67
15.	CMS IT Services Pvt Ltd., Nagpur	11 <sup>th</sup> April 2019	Diksha Kale Chaitalee Hedau Tejaswini Nathe Kushal Sharma Venkatesh Ramilla Swati Bobade Vishal Magar	1.20 to 1.80
16.	India First Robotics, Pune	13 <sup>th</sup> April 2019	Aboli Vibhute Jayashri Ingole Sapana Gavande	2.20 to 3.00

17.	Dhoot Transmission, through SKADA Tech	13 <sup>th</sup> April 2019	Anushri Borkar Bhagyashree Pahanptte Mayuri Kathole Savita Nikhade Snehal Damdhar Apeksha Mali Chaitalee Hedau Gauri Narwade Aarti Gohatre	1.20
18.	Kinetic Hyundai through SKADA Tech	13 <sup>th</sup> April 2019	Mayuri Pokale Namrata Patil Anuja Dhokane Shivani Nema Manisha Vadode Pallavi Engale Priyanka Wakode Diksha kale Pranoti Barde Pragati Langote	1.44
19.	Kinetic Taigine through SKADA Tech	13 <sup>th</sup> April 2019	Dilip Patil Aniket Nishchal Kunal Isal Narendra Chandak Venkatesh Ramilla Vishal Magar Vishal Keshavwar	1.44
20.	Saurabh Flexipack through SKADA Tech	13 <sup>th</sup> April 2019	Shweta Tiwari	1.20
21.	Samarthan Systems Pvt Ltd., Pune	4 <sup>th</sup> June 2019	Snehal Damdhar Rajnish Kapile	--
22.	TCS Ltd., Pune	11 Jun 2019 & 10 <sup>th</sup> July? 2019	Namrata Patil Manisha Vadode Aarti Gohatre Sanket Turiley Prajakta Yawle Aarti Tawari Vaishnavi Vyawahare Gaurav Makde Shreya Bharapte Radheshyam Rathi Mithilla Ghawade	3.37
23.	Cognizant Technology Solution Pvt. Ltd., Pune	11 <sup>th</sup> June 2019	Narendra Chandak Snehal Deshmukh	3.83
24.	Tech Mahindra Ltd., Pune	10 <sup>th</sup> & 11 <sup>th</sup> July 2019	Suraj Pohekar Prashik Tidake Vishal Keshavwar Sandhya Solanke	3.25

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

- Mrs. S. S. Gachake had organized a Yoga workshop for the school students between 11<sup>th</sup> to 25<sup>th</sup> April 2019.



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Dr.G.S.Gawande

Head ,

Electronics and Telecommunication Engineering

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