



SDMCET NEWS LETTER

Sri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad
Department of Electronics and Communication Engineering

Editor-in-Chief: Prof. Dr. Vijaya C.

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January to June 2019

About Department:

The Department of Electronics & Communication Engineering is a well established department and has a history of contributing more than two thousand graduates over these years. Our Alumni are serving the society in different capacity throughout the globe and are making a significant impact.

ACADEMIC PERFORMANCE

The department has been making full efforts to impart quality education through effective teaching learning process. The academic performance of the students during the even semester of 2018-19 is as indicated in the table. About 95% of the UG students have successfully graduated. About 60% of them have already been placed. All the PG students have successfully completed their studies and about 65% of them have been placed. Attainment of the set course outcomes and program outcomes is also encouraging for the passed out batch

UG		PG	
SEM	RESULT (%)	SEM	RESULT (%)
II	67.11	II	100
VI	77.86	IV	100
VIII	99.24		

EVENTS:

1. Undergraduate student corner
2. Placements/Training programs conducted for students
3. Sponsored Research Funded Projects
4. Research/Publications by Faculty
5. Workshop/Conference/ Seminar/Training Program attended by Faculty
6. Others

Editorial:

The department is proud to have well qualified and experienced faculty. Two faculty completed their Ph. D. during this semester. A sound scheme and syllabus for the second year of 2018-19 admission batch with 175 credits and 88 credits, respectively for UG and PG programs have been developed. The department has submitted Self Appraisal report (SAR) tier I to National Board of Accreditation (NBA) and visit by NBA team is awaited.

UNDER GRADUATE STUDENT CORNER

1. Ms. Tejaswini M T of VIII semester participated in Inter University Badminton Tournament.
2. Project exhibition conducted in the department on 20th May 2019. Mr. Pradeep Khannur, RF design Consultant and Mr. Kantesh Kulkarni, MD, Elseem Innovations Pvt. Lts., Dharma are the External judge for this event and 29 project batches with more than 120 students participated. The Best project was given for “ Gesture Vocalizer. The winner batch students are Ms. Lavanaya, Ms Poornima G., Ms., Prabhavati Y. And Ms. Prashasti Shetty

3. Mr. Vyas Murnal published a paper “A QUASI ballistic drain current, charge and capacitance model with positional carrier scattering dependency valid for symmetric DG MOSFETs in nanoscale regime” Nano convergence/ Springer(SCIE) (2019) under the guidance of Prof. Dr. Vijaya C.
4. Mr. M. M. Dixit successfully completed his Ph.D. Viva-Voce in Jan 2019 under the guidance of Dr. Vijaya C.
5. Mrs. Akshata Konnur successfully completed her Comprehensive Viva-Voce in Jan 2019 under the guidance of Dr. Vijaya C.

PLACEMENTS/ TRAINING PROGRAMS CONDUCTED FOR STUDENTS

1. Training on Python Programming by resource person Mr. Ajay Kabadi from 21st, 22nd and 23rd January 2019.
2. Workshop on OOP Using C++ by resource persons Prof. S S Navalgund and Prof. Reshma Nadaf from 6th to 16th February 2019.
3. Training on Advanced FPGA design II by resource persons Dr. Satish S B and Mr. Sayantam from 12th to 18th Feb 2019
4. Training on Arm Cortex by resource person by Manjunath Parameshwarappa on 2nd March 2019
5. Training on BSNL Training resource Person: BSNL center officers ,organized by Dr. S. A. Joshi for 7th sem students from 28.02.2019 to 02.03.2019 at BSNL Training center, Hubballi.
6. Training on Arm Cortex by resource persons by Mahesh A, Navyashree, Anand and Ishwar from 9th to 11th March 2019.

WORKSHOPS/SEMINARS/CONFERENCES/ TRAINING PROGRAMS ATTENDED BY FACULTY

1. Dr. S. S. Kerur, Mrs J. C Nidgundi and Mr. Siddalingesh Navalgund attended two days National Conference “Gyan Sangam 2019” at KLE Technological University, BVBCET, Campus Hubballi on 14.02.2019 & 15.02.2019.
2. Mr. Vyas Murnal attended and presented a research paper entitled “A Quai Ballistic Drain Current model with position Scattering Dependency applicable for nano-scale DG MOSFETs” in 3rd IEEE International Conference on Electrical, computer and communication Technologies held at SVSCE, Coimbatore Feb. 2019.
3. Mrs. J. V. Sangeetha Gouda attended a Cisco Training Program at Coimbatore from 11th to 23rd March, 2019.
4. Dr. S. V. Virktamath, attended a workshop on “Latex Document Preparation System” sponsored by LEAD Shivaji University, Kolhapur, Maharashtra India and Bentham Science Publications, USA organized by Sanjay Ghodawat Group of Institutions, Atigre, Kolhapur on 15th and 16th March, 2019.
5. Mr. M. Vijay Kumar attended workshop on “Latex Document Preparation System” sponsored by LEAD Shivaji University, Kolhapur, Maharashtra India and Bentham Science Publications, USA organized by Sanjay Ghodawat Group of Institutions, Atigre, Kolhapur on 15th and 16th March, 2019.
6. Dr. S. S. Kerur attended a National Conference 48th ISTE National Annual Faculty Convention at Belgavi on 19th and 20th March, 2019.
7. Mr. M Vijay Kumar attended a National Conference 48th ISTE National Annual Faculty Convention at Belgavi on 19th and 20th March, 2019.

SPONSERED RESEARCH/ FUNDED PROJECTS

The department has been granted a project grant of Rs. 20 lakhs for a period of 2 years for the project ‘**Teaching & Research Facility for Software Defined Radio (SDR)**’ under the VGST scheme of K-FIST L1 for the financial year 2018-19. Prof. Dr. Vijaya C. is the Project coordinator.

RESEARCH/ PUBLICATION BY FACULTY

1. Dr. S. A. Joshi published a research paper “Analysis of different data compression algorithms in wireless sensor network” in International Journal of Engineering Sciences and Management 2019.
2. Dr. S. A. Joshi published a research paper “Different data compression algorithms in wireless sensor network” in International Journal of Engineering Sciences and Management.

8. Mrs. Jayshree C. N. attended National Conference 48th ISTE National Annual Faculty Convention at Belagavi on 19th and 20th March, 2019.
9. Mr. S S Navalgund attended National Conference 48th ISTE National Annual Faculty Convention at Belagavi on 19th and 20th March, 2019.
10. Mrs. Preeti B attended National Conference 48th ISTE National Annual Faculty Convention at Belagavi on 19th and 20th March, 2019.
11. Mr. S S Navalgund, Mrs. Jayshree C Nidagundi, Dr. S. S. Kerur & Mrs. J V Sangeetha Gouda attended the National conference Gyan Sangam 2019, KLETU, Hubballi.
12. Mr. Pradeep A S a research scholar under the guidance of Dr. G. A. Bidkar presented “ A comparative analysis of circular and hexagonal split ring resonator for reduction of mutual coupling effect in IEEE International Conference Reduction on Recent Advances in Energy Efficient Computing and Communication organized at St. Xavier’s Catholic College of Engineering , Nagercoil, 7th and 8th March, 2019.
13. Mr. S S Navalgund, Mr. M. Vijay Kumar & Dr. S. S. Kerur attended and presented a paper on “Innovations in Technical Educations: A case study at SDMCET at VTU-ISTE Annual National Faculty Convention at VTU Belagavi on 19th March, 2019.
14. Mrs. Jayshree C Nidagundi , Ms. Preeti B and Dr. S. S. Kerur attended and presented a paper on “Role of women Empowerment through technical Education” at VTU-ISTE Annual National Faculty Convention at VTU Belgavi on 19th March, 2019.
15. Mr. Vyas Murnal attended and presented a paper “An analytic Potential based velocity saturated Drain Current, Charge and Capacitance model for short channel symmetric Double Gate MOSFETs” in the First International Conference on Advances in Electrical and Computer Technologies 2019 held at Hotel Aloft, Coimbatore, Tamil Nadu during 26-27 April- 2019.
16. Dr. K N Hosur attended Faculty Development Programme on Research Funding Opportunities and proposal preparation for Academicians at PESIT, Shivamogga on 22.04.2019 to 29.04.2019.
17. Mr. Vyas Murnal attended and presented a paper on “An analytic Potential based velocity saturated Drain Current, Charge and Capacitance model for short channel symmetric Double Gate MOSFETs” in the First International Conference on Advances in Electrical and Computer Technologies 2019 held at Hotel Aloft, Coimbatore, Tamil Nadu during 26-27 April- 2019.
18. Mrs. Savitri Raju & Dr. S. V. Viraktamath attended Examination Reform Workshop at GCEM, Sonnenahalli, Hoodi Village, near K R Puram Bengaluru on 08.05.2019.
19. Dr. K. N. Hosur, has participated in VTU TEQIP 1.3, sponsored Faculty development programme on Research Funding Opportunities & Proposal preparation for Academicians” organized by Dept. of ECE PESITM, Shivamogga from 27th to 29th April, 2019
20. Mr. Vyas Murnal has attended the International conference on VLSI Signal Processing, Power Systems, Illumination and control, Communication and Embedded Systems (VSPICE-2019) at NMAMIT, Nittte on 23rd & 24th May, 2019.
21. Mr. Vyas Murnal attended and presented a paper “A carrier Scattering Dependent Quasi-ballistic Drain Current Model Valid for Nanoscale Double Gate MoSFETs” in the internal conference on VLSI Signal Processing, Power Systems, Illumination and control, Communication and Embedded Systems (VSPICE-2019) at NMAM Institute of Technology, Nitte on 23rd & 24th May, 2019.

OTHERS

1. Dr. S. A. Joshi, delivered the talk in one week National Level Workshop on “Long Term Evolution- Advanced and Its Research Challenges” at Jawaharlal Nehru National College of engineering, Shivamogga from 31.01.2019 to 01.02.2019
2. Mrs. Preeti S. B. delivered talk on topic “ Role of Women in Entrepreneurship” on 12.02.2019 at the Institution of Engineers (India), Dharwad Local Center Dharwad.
3. Accenture Star Achiever Award has been given to Prof. Dr. Vijaya C. on the occasion of International Women’s Day in March 2019.
4. Dr. G. A. Bidkar attended the as a subject expert for the conduction of faculty selection interviews on 19th March, 2019 at Don Bosco College of Engineering, Fatroda, Margao- Goa
5. Prof. S. S. Navalgund delivered a talk on “Google Innovations” on 30.04.2019 at The Institution of Engineers (India), Dharwad local Centre, Dharwad.
6. Dr. Vijaya C. successfully completed NPTEL online examination on “Teaching and Learning in Engineering” on 28th April, 2019.
7. Mrs. Savitri Raju C successfully completed NPTEL online examination on “Control systems” on 28th April, 2019.
8. Dr. S. V. Viraktamath C successfully completed NPTEL examination on “Microprocessor and Microcontroller” on 27th April, 2019.

9. Mrs. Jayashree C.N. successfully completed NPTEL online examination on “Teaching and Learning in Engineering” & “CMOS Digital VLSI Design” on 28th April, 2019.
10. Sri Siddalingesh S Navalgund successfully completed NPTEL online examination on “Introduction to Research” & “Teaching and Learning in Engineering” on 27th & 28th April, 2019.
11. Dr. S A Joshi successfully completed NPTEL online examination on “Effective Engineering Teaching in Practice” and “Basics of software defined radios and practical applications” on 28th April, 2019.
12. Mr. S S Navalgund, delivered a Guest lecture on “Microprocessor” held on 11th & 12th May,2019 at S G Balekundri Institute of Technology, Belagavi.