



# 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.

Editor: Mr. Bairu K. Saptalakar

July to December 2018

## About the department:

The department has rich history of producing more than two thousand graduates serving in various capacity such as industrialists, scientists, academicians. Our Alumni are serving the society throughout the globe and are making a significant impact, thus, exhibiting the results of incorporating the activities to meet the mission and program educational objectives of the department.

## 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 odd semester of 2018-19 is as indicated in the table. Attainment of the set course outcomes and program outcomes is also encouraging.

| UG  |            | PG  |            |
|-----|------------|-----|------------|
| SEM | RESULT (%) | SEM | RESULT (%) |
| III | 65.10      | I   | 80.0       |
| V   | 83.09      | III | 91.67      |
| VII | 89.55      |     |            |

## 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:

With the vision of fostering excellence in the field of Electronics & Communication Engineering, showcasing innovation, research and performance with continuous Industry – Institute Interaction with the blend of Human values, the Department of Electronics & Communication Engineering has been making full efforts in all fronts to attain the vision. For yet another year, it has succeeded in attaining full admission for its undergraduate program. And about 50% for post graduate program. The department is proud to have well qualified and experienced faculty. There are about 30% faculty with Ph. D. and about 45% faculty pursuing their Ph. D. By the directions of AICTE and VTU, the department has changed the 200 credit system to 175 credits system for under graduates and the 100 credit system to 88 credits system for post graduates. This is effective from the academic year 2018-19 admission batch. Towards this end, lots of thought process has taken place to shape the syllabus to suit the new credit system. A variety of student grooming activities have been conducted during the semester. Students have been encouraged to carry out industry based projects and funded projects. With a well defined mission and vision, the department is marching towards new heights.

## PLACEMENTS/ TRAINING PROGRAMS CONDUCTED FOR STUDENTS

1. Exploring Pointers in C workshop held from 4<sup>th</sup> to 8<sup>th</sup> August, 2018 to 7<sup>th</sup> sem students by resource persons Mr. S. S. Navalgund & Mr. Shrikanth Shirkol Mr. M Vijaykumar and Mr. Kotresh Marali
2. Python and its Real time Application training program held from 18<sup>th</sup> to 19<sup>th</sup> August, 2018 to 5<sup>th</sup> sem students resource person is Mr. Praveen Kori, MPS Lab
3. Programming in C training program held from 6<sup>th</sup> to 8<sup>th</sup> October, 2018 to 5<sup>th</sup> sem E & E students. Resource person is Prof. S. S. Navalgund.
4. 8085 Microprocessor training program held from 24<sup>th</sup>, 25<sup>th</sup>, 26<sup>th</sup> 27<sup>th</sup> September to 1<sup>st</sup> 3<sup>rd</sup> and 10<sup>th</sup> October 2018 resource person is Dr. S V Viraktamath.
5. Aptitude Training held from 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> October 2018 to 7<sup>th</sup> semester students.
6. Qualnet Simulator 7.4 training program held on 16<sup>th</sup> November 2018 at department. Resource persons are Mr. Nikhil Kukarni and Mr. Sanketh, Nihon communication Ltd., Bangalore
7. Network Simulator 2.35 training program held on 28<sup>th</sup> November, 2018, Resource persons are Dr. Kiran Manjappa, NITK, Surthkal.
8. "Analog and Digital circuit simulation using Multisim and Tina" workshop for 3<sup>rd</sup> Semester students on 23<sup>rd</sup> October 2018.
9. Programming in C training program held from 6<sup>th</sup> to 8<sup>th</sup> October, 2018. Resource persons is Prof. S. S. Navalgund.
10. IOT and Rasberry Pi training program held on 27<sup>th</sup> October 2018. Resource persons are Mr. Praveen Kori and Mr. Mayur Patil
11. MATLAB & SIMULINK training program held 29<sup>th</sup>, 30<sup>th</sup> Sep and 1<sup>st</sup> October 2018. Resource person is Mr. Sachin
12. Advanced FPGA Design training program held from 6<sup>th</sup> to 11<sup>th</sup> Sep. 2018. Resource person is Dr. Satish S. B.
13. PCB Design with hands on experience workshop held on 5<sup>th</sup> to 7<sup>th</sup> October 2018. Resource person is Dr. S V Viraktamath.141

## RESEARCH/ PUBLICATION BY FACULTY

1. Dr. Hemalata Bhujle presented paper "Fast NLM denoising for MR image sequences". IEEE signal processing society International SPCOM-2018, IISc Bangalore, 16<sup>th</sup> to 19<sup>th</sup> July 2018. Oral acceptance rate:16%

## WORKSHOPS/SEMINARS/ CONFERENCES/ TRAINING PROGRAMS ATTENDED BY FACULTY

1. Dr. S. V. Viraktamath, attended one day training on election software at Engineering Staff College, Hyderabad on 28.07.2018.

2. Dr. Shreedhar A Joshi, attended Stakeholders Workshop on approval process 2019-20 at Vivekananda Auditorium, Anna University, Chennai on 17.07.2018.
3. Dr. G. A. Bidkar participated in NPTEL workshop on 19<sup>th</sup> July, 2018.
4. Dr. Shreedhar A. Joshi attended as Technical Program Committee member for international conference CMSMS 2018 Seoul, South Korea on 19<sup>th</sup> & 20<sup>th</sup> July. 2018.
5. Dr. S. V. Viraktamath attended one day workshop on "AICTE Model Curriculum for PG" at BNMIT Bangalore organized by VTU.
6. Dr. Vijaya C has successfully completed NPTEL course on Introduction to probability and Statistics held on 07.10.2018 and Gender Justice and Workplace Security held on 28.10.2018.
7. Dr. Shreedhar A Joshi has completed the 12 weeks NPTEL course conducted by IIT, Khanpur on Fiber Optic Communication Systems and Techniques.
8. Prof. Savitri Raju successfully completed NPTEL examination Programming, Data Structures and Algorithms using Python, October 07, 2018.
9. Prof. Savitri Raju successfully completed NPTEL examination "The Joy of Computing using Python", October 28, 2018 and awarded with gold certificate.
10. Prof. Jayashree.C.Nidagundi successfully completed NPTEL examination on "Switching ckts and logic design".
11. Dr. Sharada C. Sajjan successfully completed NPTEL examination on "Switching ckts and logic design".
12. Mr. Vinayak P. Miskin successfully completed NPTEL FDP course of 8 weeks on "Hardware Modeling using Verilog".
13. Mrs Preeti B has successfully successfully completed the NPTEL online exam ( 12 week course) Switching circuits and logic design on 28<sup>th</sup>, October, 2018.
14. Mrs. Channakka L. successfully completed NPTEL online exam on "Information theory coding and cryptography " 28<sup>th</sup> October, 2018
15. Dr. Shreedhar A Joshi has conducted and attended the hands on training program on 16<sup>th</sup> Nov., 2018 "Qualnet Simulator 7.4"
16. Dr. Shreedhar A Joshi has conducted and attended the hands on training program on 23<sup>rd</sup> Nov., 2018 Network Simulator 2.35

## **OTHERS**

1. Pranayam and Yoga Practise SDMCET students by team Unnati.
2. School Visit to Yerikoppa village to teach the students of government school SDMCET students by team Unnati
3. Prof. S. S. Navalgund appointed as Editor of ET-Talk (the monthly news bulletin of IE-I, Dharwad Local Center).