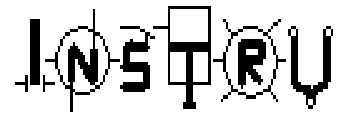




MAPAN

THE MEASURE OF PROGRESS



MKSS's
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

PUBLISHED BY

DEPARTMENT OF INSTRUMENTATION AND CONTROL

Editor's Message

It gives me immense pleasure to publish the 13th issue of *MAPAN-the measure of progress*. Last year was filled with excitement and joy as our department hosted the technical fest 'INNOVATION-2017'. Apart from that many technical activities as well as extra-curricular activities took place in the department. I would like to thank Dr. Jayanand Gawande for his guidance and hope you enjoy this issue.

Ms. VIJAYA LIKHITA POOLLA(TE)
Student Editor

Innovation 2K17



HOD's Message

I am glad to contribute to the thirteenth issue of our department newsletter, *MAPAN*. From this year, autonomy has started at UG and PG level as well, taking the whole department into autonomous status. With this status, new challenges and targets are planned taking into consideration the overall growth of the department. This year, Instrumentation department was the host for Innovation event (I2K17). I am happy to state that with the support of my staff, faculty and students - I2K17 was a huge success. Keeping with the trend, our students actively participated in various technical competitions, events and paper presentations. The students are no way behind in participating and winning accolades in various extra-curricular activities like sports and drama. Heartiest Congratulations to all the winners of the various curricular and extra-curricular events. I applaud my faculty members who is willingly adapting to the new challenges. I always believe in motivating and encouraging my faculty and students towards aiming and achieving their targets and goals. My best wishes to everyone for their future. Going with the department Vision and Mission statement let us all together continue working towards it.

Dr. Anagha Panditrao
Head of Department

FACULTY NEWS

Prof. Swati Madhe attended two workshops by TEQIP II National Workshop On Effective Research Methodology on 'Statistical analysis for Signal and Image processing and Data analysis' and Industrial Applications for Signal and Image processing' conducted at Shri Guru Gobindji Institute of Engineering and technology, Nanded.

Dr. V. D. Hajare, Prof. Mrs. Swati Madhe, Prof. Y. G. Adhav, Prof. R. P. Borse, Prof. Mrs. Amruta Bahulikar, Prof. Mrs. M.P. Chandratreya, Mrs. Rajashree Padalkar, Mrs. Gauri Kshirsagar attended a department level workshop regarding 'Integrated Control Panel System' conducted by Prof. Vaishali Upadhye.

Prof. Swati Madhe was a resource person at Automation Studio User's Meet -2016 for the subject 'Automation Studio'.

Dr. J.P. Gawande delivered a lecture on "Signal Processing Techniques in Analytical Instruments" at a state-level seminar sponsored by SPPU at PDEA COE Manjari, Pune on 22nd Feb. 2017.

Prof. A. K. Joshi conducted workshop on 'AVR microcontroller' organized for our BE students.

A session on topic IoT was conducted for TE students arranged by ISA-CCEWS.

Dr. J. P. Gawande attended the workshops on "Applications of Engineering Mathematics" and "IoT and Data Mining Techniques" at Cummins college of Engineering for Women, Pune.

Heartily congratulations to our faculty member Dr. Jayanand Gawande for the award of Ph. D. degree in Instrumentation Engineering by Swami Ramanand Teerth Marathwada University Nanded under the supervision of Dr. R.S Holambe, SGGS Institute of Engineering and Technology, Nanded in December 2016.

PAPER'S PUBLISHED

Mrs. Shweta Potdar, Dr. Mrs. Anagha Panditrao, Dr. Niranjani Khambete presented a paper on Monitoring Breathing Rate using Bio-impedance Technique at 2nd International Conference on Computing, Communication, Control and Automation-2016.

Ms. Sayali Joshi, Prof. Mrs. Asmita Wakankar, Dr. Niranjani Khambete presented a paper on Design and Implementation of low power Compact Amplifier Circuitry for wearable Bio-signal Device at 2nd International Conference on Computing, Communication, Control and Automation-2016.

Ms. Amruta More, Prof. J. P. Gawande, Prof. Mrs. Asmita Wakankar presented a paper on Wavelet Analysis of Cardiac Pulse using Video Imaging at 2nd National Conference on Signal Processing, Computer Modeling, Structural and Mechatronics.

Ms. Shweta Asutkar, Prof. A. K. Joshi presented a paper on Design and Implementation of Respiration Monitoring System at 2nd National Conference on Signal Processing, Computer Modeling, Structural and Mechatronics.

STUDENT NEWS

Ms. Uttunga Shinde was awarded as "Best Outgoing Student" for Academic Year 2016-17. Ms. Smriti Tupe, Ms. Harsha Malode, Ms. Prajakta Potare, Ms. Smita Wagh and their Guide Prof. Mrs. Dipali Ramdasi won FM Award for academic year 2016-17. Topic for Project: Peltier element based temperature controller for pathology use.

Ms. Pooja Patil and Akshada Palnitkar participated in Pratibha 2016-17 - Eaton Excellence Award.

Ms. Aditi Aradwad secured third prize in Savitribai Phule University Pune City Zone Inter-Collegiate sports - (Football).

RANK HOLDERS

The staff and students of the department would like to congratulate the following students for their performance in May-June 2017 SavitribaiPhule Pune University Examination.

S. E.

1 st rank	Ms.Rajashri Patil
2 nd rank	Ms.Vaidehi Pawar
3 th rank	Ms.Vaidehi Deoskar
4 th rank	Ms.Devika Deshpande
5 th rank	Ms.Shivani Shendre

T. E

1 st rank	Ms. Rashmi Atre
1 st rank	Ms. Anchal Singh
3 rd rank	Ms. Akshada Palnitkar
4 th rank	Ms. Saniya Naphade
4 th rank	Ms. Soumya Sagarika

B.E

1 st rank	Ms.Uttunga Shinde
2 nd rank	Ms.Radhika Date
3 th rank	Ms.AishwaryaBhujbal
3 th rank	Ms.RadhikaSapru
5 th rank	Ms.Akila Raja

CAMPUS PLACEMENTS 2016-17

The following students of the Instrumentation and Control department have been selected in campus placements during academic year 2016-17:

EATON- RichaShinde

HONEYWELL- UttungaShinde, Akila Raja, Radhika Date.

EMERSON- Radhika Sapru

BOSCH- Ashwini Jadhav, Pratiksha Mane.

ACCENTURE- AishwaryaaBhujbal, Harsha Malode, AmrutaSuryawanshi, Shweta Danawade, Devyani Kulkarni, Neha Kamble, AnushkaKuchnure, TejaswiniWalunjkar, Amala Raja, ApurvaGonjari, RuchaDeshmukh, SoniyaDhongade, PradnyaTolnur.

INFOSYS- Smriti Tupe, Gauri Kulkarni

CAPGEMINI-Prajakta Kulkarni.

THERMAX-Jyoti Shinde.

FORBES MARSHALL AWARD

Forbes Marshall (FM) Best B.E. Project Award for the academic year 2016-17 has been awarded to Ms. Smriti Tupe, Ms. Harsha Malode, Ms. Prajakta Potare, Ms. Smita Waghand for their project on "Peltier element based temperature controller for pathology use" under the guidance of Prof. Mrs. Dipali Ramdasi.

Hearty Congratulations to winning team!

FM award winning team



S.E Class photo for Gandhar'17



FACULTY EDITOR

Dr. JAYANAND GAWANDE

(jayanand.gawande@cumminscollge.in)

Photo Gallery 2k17



Instrumentation and Control Department hosting Innovation-2k17



Team Robocon with their guide Prof. A K Joshi



College Decoration during Innovation-2k17



BE students at women's day



SE Class trip to Surya Shibir



Prize Distribution for Innovation 2K17