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

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.

Hearty 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. Niranjan Kambhate presented a paper on Monitoring Breathing Rate using Bio-impedance Technique 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.


STUDENT NEWS

Ms. Uttunga Shinde was awarded as “Best Outgoing Student” for Academic Year 2016-17.


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 Collegiatesports-(Football).
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.**
1st rank Ms. Rajashri Patil  
2nd rank Ms. Vaidehi Pawar  
3rd rank Ms. Vaidehi Deoskar  
4th rank Ms. Devika Deshpande  
5th rank Ms. Shivani Shendre

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

**B.E.**
1st rank Ms. Uttunga Shinde  
2nd rank Ms. Radhika Date  
3rd rank Ms. Aishwarya Bhujbal  
3rd rank Ms. Radhika Sapru  
5th 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**- Richa Shinde  
**HONEYWELL**- Uttunga Shinde, Akila Raja, Radhika Date.  
**EMERSON**- Radhika Sapru  
**BOSCH**- Ashwini Jadhav, Pratiksha Mane.  
**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@cumminscollege.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