

Rajendra Mane Polytechnic, Ambav

ESTD. - 2010

Computer Engineering

(Excellent Remark from MSBTE External Academic Monitoring Committee)

NEWS LETTER

Vol. 02 Issue 01

Chairman's Message

It is a matter of great pleasure and satisfaction that RMP has come up with the third issue of the Departmental Newsletter. I believe that the newsletter will serve as a window through which the complete profile of the academic and co-curricular activities, achievements and progress made during the stipulated period can be viewed.



Hon. Shri. Ravindra Mane
Chairman. PSPS

We at RMP are committed to creating an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers and managers to confidently and competently face the challenges of intensifying competition by imparting high quality technical and managerial education coupled with appropriate training and wide exposure to the state-of-art practices. Our educational programmers lay emphasis on all round personality development and also in inculcating human values and professional ethics which help our students become more human and socially responsible to lead a meaningful life. Best wishes for the success and bright future in all their endeavors.

Principal's Message



Prof. N. B. Bhopale
Principal

I am very happy to note that the Department of computer Engineering of Rajendra mane Polytechnic (Ambav- Devrukh) is releasing its Newsletter enumerating the various activities and achievements of their faculty and students. Computer Science will provide the knowledge and skills required to help revolutionize the world in which we live and work. Computer Engineering covers the computer science theory, algorithms, implementation and systems principles of computer languages and computer networks .The students and faculties of department are always proactive in taking initiatives in technical, cultural and social events. I hope that this newsletter will serve the purpose of reflecting all activities of department and it will inspire others to do their best. I congratulate all the students who have put their efforts in bringing this third issue of departmental newsletter and also appreciate HOD and all

faculty members for motivating their students towards this fulfillment. I wish each one of them in the Department success in all their endeavors.

From Editors Desk

It gives a tremendous pleasure in bringing out third copy of our departmental newsletter under the leadership of our principal Prof. N.B. Bhopale. This newsletter is the representation of immense hard work, devotion and contribution made by, H.O.D. Mr. A. A. Yadav, Mr. A.N. Shetye (ASCE Coordinator) all teaching and non-teaching staff members and all the students from computer engineering department in the year of 2017-18.

About Department

Vision

Vision of the Computer Engineering department is “to impart quality education”.

Mission

1. To provide high quality technical education prescribed by MSBTE diploma curriculum.
2. To provide technical skills, industry oriented training programme and soft skills for students to prepare them to be successful in higher education, employment and business to asset to the nation.
3. To impart learning by educating students with social awareness, conceptual knowledge and hands on practices using modern tools and technologies.
4. To organize co-curricular activities for students to employability enhancements.

- There are total 160 computers with license copies of Microsoft Windows 7 & 8 are available in total 5 labs of computer department.
- 30 MBPS internet facility is provided to the students through Leased Line
- Various soft wares are there such as : **Oracle 11g, Visual Basic 6.0, Tasm, Masm, Adobe Photoshop, Windows Server**



Lab 1 Networking Lab



Lab2 Programming



Lab3: Programming Lab



Lab4: Programming Lab3



Lab5: Graphics Lab

Academic Results

Academic Year	Result
2016-17	93.62
2015-16	100%
2014-15	94.44%

EAMAC

Academic Year	Remark
2015-16	Excellent
2014-15	Very Good
2013-14	Very Good

Teaching Staff Members

				
Prof. Yadav A.A. H.O.D Experience: 08 years M.E. Appeared (Computer Engineering)	Prof. Kamble D.K. Lecturer Experience: 08 years M.E. Appeared (Computer Engineering)	Prof. Shetye A.N. Lecturer Experience: 06 years M.E. (Computer Engineering)	Prof. Vankar M.D. Lecturer Experience: 02 years M.E. Appeared (Computer Engineering)	Prof. Jadhav S.R. Lecturer Experience: 02 years B.E. (Computer Engineering)

Non-Teaching Staff Members

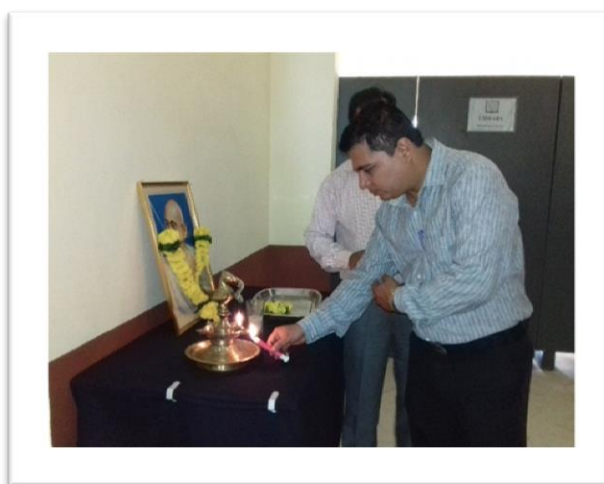
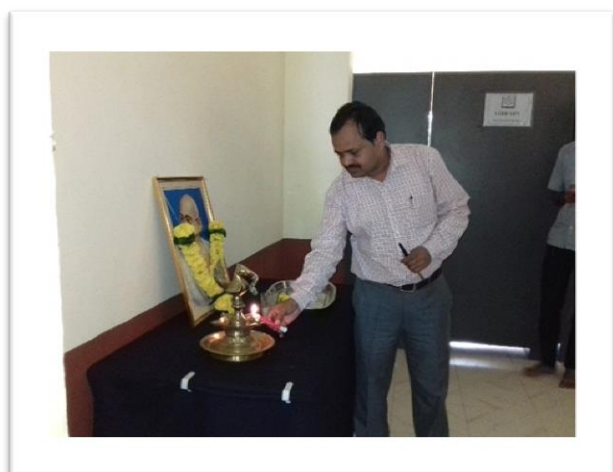
ASCE Association

Ms. Nalawade P. P.

Designation in ASCE	Name of Student
President	Mr. Ganpat Sawant
Vice-President	Ms. Shivani Shinde
Treasurer	Ms. Anju Durgi
Member	Mr. Ratnadeep Umak
	Ms. Manali Damushte
	Ms. Shruti Paradkar
	Mr. Manish Jadhav
	Ms. Nupura Deshpande

Various Activities organized by Association of Students of Computer Engineering

Gandhi Jayanti:



On the occasion of Gandhi Jayanti, respected principal sir and H.O.D of computer department expressed their courtesy towards rashtrapita Mahatma Gandhi.

Swachata Packhwada:



Campus Cleaning



Hostel Cleaning Competition



Essay Competition



Elocution Competition

PIONEER 2k17:

In order to develop a presentation skills, boost confidence of student ,Computer Engineering Department organized a State Level Technical Paper Presentation on 4th October 2017.Total 14 groups from all over the Maharashtra successfully participated in that competition. Manisha Gawas and Alisha Khatani from Government Polytechnic Ratnagiri won the first price of rs.2000/- .





MOUs Signed By Computer Department

- **Brave Information Technical Solution:**

Nowadays it is an era of automation, less hardware parts, less power consumption so in order to get knowledge of embedded system, interfaces, database connections, we organized a 2 days workshop on Python language. Workshop was conducted by Mr. Ajinkya Naphade who is owner of Brave Information Technical Solutions (BITS).



Day 1 of workshop



Day 2 of Workshop

Expert Lectures and Industry Visits

Students are looking for technical education, which can help them to build career in various companies. To make students aware of what is actually happened in IT Industry, what is expected from employees in IT companies? We organized various expert lectures and industry visits, so that students will go through some sort of industry oriented experience.



Visit to Ishwarya bi Technologies



Visit to Radio Mirchi Kolhapur



Guest lecture on Success Mantras for Diploma Engineer by Prof. Salvi M. A.

Student's Achievements

We always try to motivate our students to participate in various technical as well as non-technical competitions in our college also in other colleges. In last year, many of our students successfully participated in various regional, state level, national level competitions. Some of them succeeded in getting prizes. These students always made our department to feel proud.

- Nupura Deshpande and Anju Durgi successfully participated in State Level MSBTE sponsored technical power point presentation competition held at VPM Polytechnic Thane.
- Sonali Shinde and Nida Ambedkar won the second prize in state level technical paper presentation titled "PIONEER 2k17" organized by Rajendra Mane Polytechnic, Ambav.
- Manish Jadhav and Neelam Sawant won the third prize in state level technical paper presentation titled "PIONEER 2k17" organized by Rajendra Mane Polytechnic, Ambav.
- Shivani Shinde won the first prize in Essay Competition on the eve of Swachata Pakhawada.
- Many students of Computer Engineering Department participated in the TECHFEST organized by RMCET on the occasion of Engineering Day.

Staff Achievements

Not only our students but also our staff members are also actively participated in various workshops. They always try to upgrade their knowledge by publishing their research work in various reputed journals, presenting their research work in various international conferences. Our college and our hon. Principal Prof. N.B. Bhopale always motivate and provide guidance to all the staff members.

- Prof. A. N. Shetye completed his Master of Engineering with CGPA of 7.99 in the month of April.
- Prof. D.K Kamble has been appointed as Cultural Coordinator of Rajendra Mane Polytechnic, Ambav.
- Prof. A. A. Yadav successfully coordinated Hindi Packhawada Event of Sangameshwar Taluka.
- Prof. A. N. Shetye has been reputed as Entrepreneur Cell Coordinator of Rajendra Mane Polytechnic, Ambav.

From this year onwards, we provide an open platform to all the students of our department to propose their innovative ideas which are helpful for employees, organization in their daily need. Students proposed their ideas which can overcome the drawbacks present in the existing system.

- **Biometric Based Ration Card System:**

As we all know that ration card system has been working from many years. There are some drawbacks in this system, by which there are difficulties to apply transparency in the work. In order to improve performance of this system, Ms. Fatima Nevrekar and her group which includes Ms. Sheetal Patil, Ms. Ameena Thakur and Mr. Nageshwar Jaiswal proposed a ration card system where biometric technique for fingerprint scanning will be used. Here by using this system, only family members whose biometric impression is stored in the system will be allowed to get monthly ration. This system will also minimize the paper work and complexities in the existing system.

- **D-Indicator Bus Time Table Android App:**

There are many students in our college who don't have an idea about bus time table. They used to ask their friends, call to the bus station about enquiry of the bus. In order to provide a bus time table in mobile by means of an android app Ms. Shraddha Sawant, Ms. Divya Ingale proposed an app which can provide information about bus available for journey of students and it can send notifications regarding changes, delay in the timing of daily buses.

- **Lab Management System**

In our college maintained student's record about their practical work on papers in various lab register and practical evaluation sheet. To make less paper work in This system and increase transparency, Ms. Sharvari Prasade, Ms. Asavari Shetye, Ms. Mayuri Mangale, Ms. Puja Kamble proposed a system where all the tasks and attendance of students will get stored automatically on a server machine in that lab. Staff member who has that practical, then provide remark of the work done by students. This system will also make less paper work.

“Are text books obsolete in the present scenario of technology”

This is the 21st century and a lot of new learning technology has been developed for the use of students. They are very light & more advanced than textbooks and would open windows for students to new knowledge. A textbook is collection of the knowledge, concepts and principles of a selected topic or course. It is usually written by one or more teachers, college professors or education experts. The textbooks are really important because you want to know about what happened in the past and how things have changed over the years. It is a waste of time because students don't like to read to begin with so they are not going to enjoy reading a big boring textbook. Students would not have to carry around tons of heavy books. We should have to take advantage of the technology we have today and use it for the better future. The textbooks are a complete waste of space & paper too. We should switch to technology.

Now day's we all have electronics & we can find textbooks through the internet. Technology is advancing all around us and with that colleges should make a technological change as well. Not only would evolving from textbooks to a computer based learning environment promote a technological evolution, but it would help eliminate the issue of the depleting source of trees. Textbook contain a minimum of information and technology is more updated. We could download books to our phone, laptops, e-Readers and iPads.

We carry these items with us regardless. Every day there is new information than a textbook would have. Technology has now become a part of lifestyle of students. Textbooks are one of excellent teaching aids. For new teachers, technology is considered a necessity for the learning environment. Teachers can come up with creative ways to teach their students that keep them engaged. Technology helps the teachers prepare students for the real world environment.

Mr. D. K. Kamble
Rajendra Mane Polytechnic, Ambav, Ratnagiri