"WALL MAGAZINE" 30th September 2017

Department of Information Technology organized an event Wall Magazine under IEI student chapter. The participation of students was wholehearted. They submitted posters, articles, drawings, paintings etc. on the theme "SAVE WATER, SAVE EARTH".

Each poster/article was delivering one meaningful message. The program was inaugurated at the hands of Dr. M. S. Ali, Principal of Prof. Ram Meghe Institute of Technology & Research, Badnera and Dr. P. V. Ingole, Head of Information Technology Department.

Coordinators of programme had taken great efforts to make programme a great success. Judges evaluated the poster on parameters participant's presentation, creative innovation, and clarity in conveying message.

Inauguration of Wall Magazine at the hands of
Dr. M. S. Ali, Principal PRMIT&R

Poster Presentation by Students

Principal Sir inspecting the posters

"Tree Plantation" 23rd Sept 2017

Department of Information Technology organized tree plantation event under IETE student forum. Dr. P.V.Ingole HOD (IT) and Prof. S. V. Dhopte inaugurated this event by planting saplings. All members and faculty members planted variety of saplings in college open space.

Each one adopted a plant and promised to take responsibility of it.

Tree Plantation by the students

Tree Plantation by the hands of Dr. P. V. Ingole,
Prof. S. V. Dhopte and Students

"Innovation, Invention, and Engineering without a social conscious will merely allow us to destroy ourselves in more creative ways."

………Rich Kressly

-: Editors :-

Prof. Ms. P. P Deshmukh   Prof. N. S. Wadhe

Department of Information Technology

NEWS

LETTER

A Departmental Newsletter

PRMIT&R

Issue:-IV, Volume-VII, 2017-18

Short Term Training Program (STTP)
"Big Data and IoT Convergence"

The Department of Information Technology, Prof. Ram Meghe Institute of Technology and Research, Badnera had organized two weeks Short Term Training Program approved by AICTE -Indian Society for Technical Education (ISTE) New Delhi and In association with ACM & IETE from **13th to 22nd November 2017.**

The goal of this STTP was to enhance the skill of the participants in the "Big data & IoT convergence technology". It has recently emerged as the next frontier for innovation, competition, and productivity of many fields including science, engineering, industries, society, and public sectors**.** This STTP focused on research developments and applications of big data and IoT services in various application domains.

The Short Term Training program was inaugurated by Mr. Ajit Deshpande CEO Rises Analytics pvt. Ltd. Pune as a Chief Guest & Keynote speaker and Hon.Dr. Nitin Dhande, Chairman of Vidarbha Youth Welfare Society as a President of the inaugural function. The function was inaugurated in presence of the Hon. Vinay Gohad, Vice President, Vidarbha Youth Welfare Society, Dr. M. S. Ali, Principal, Prof. Ram Meghe Institute of Technology and Research Badnera, Dr. Ajay Thakare, IETE Governing council member, New Delhi, Dr. Anant Dhatrak, ISTE executive council member, New Delhi and Dr. A. S. Alvi, In-charge Head, Department of Information Technology Program and in presence of Heads & Deans of all the department.

After keynote speech Mr. Suyash Zawar, director Effigrity solutions, Pune deliberated his talk on "Disruptive Technologies that will Shape our future ".

From 14-17th Nov. hands on training by Mr. Nakul Deshmukh & Mr. Mangesh Bharti, Director Ibase Electrosoft LLP on IOT and Big data analytics was planned meticulously.

Certificate Distribution of STTP to the participants

From 18th to 21st Nov. Mr. Amit Bhatt, Senior software engineer, RRG software Indore conducted hands on training on various big data analytic tools and technologies. He covered big data analytics software tools like R, Hive, Mongo DB and ThingSpeak.

This two weeks STTP on "Big Data & IoT Convergence" programme was concluded with valedictory function on 22nd Nov. 2017 in the presence of Dr. Hemant Deshmukh, Executive member, VYWS, Amravati, as a president of programme , Dr. A. P. Bodkhe, advisor of STTP, Dr. P. V. Ingole, HOD & Convener of the Short Term Training Program , coordinators of STTP Prof. Pranjali P. Deshmukh & Prof. Maithili S. Deshmukh , Prof. S. V. Dhopte and all faculty members and participants.

Inauguration Ceremony of STTP

> "*Computers are incredibly fast, accurate and stupid; Humans are incredibly slow, inaccurate and brilliant; Together they are powerful beyond imagination.*"
>
> ………Albert Einstein

Inauguration of Association for Computing Machinery (ACM) Student Chapter

Information Technology Department inaugurated ACM Student Chapter of Prof. Ram Meghe Institute of Technology & Research Badnera, Amravati on 23rd Sept 2017. It was inaugurated at the hands of President of the function, Hon. Principal Dr. M. S. Ali, Guest of Honor Dr. G. R. Bamnote (Chairman CSI Amt Center), Dr. T. R. Deshmukh (Dean, T & P Dept), Dr. P. V. Ingole (Head, Department of Information Technology & Chairman IETE Amt Center), Dr. S. P. Kulkarni (Head, First Year Department), Prof. S. V. Dhopte, Dr. A. S. Alvi, Prof. S. S. Kulkarni Prof. H. D. Misalkar (Professional Member ACM) & all Faculty members as well as students of the department.

Inauguration of ACM Student Chapter

Dr. P. V. Ingole (Head, Department of Information Technology & Chairman IETE Amravati Center) formally gave welcome address. He mentioned that it is the great honor to get ACM chapter to college. He appreciated efforts taken by Prof. H. D. Misalkar and team members. He also encouraged other students to get membership of this reputed Professional Society. He expressed his special thanks to Principal honorable Dr. M. S. Ali for Support & accepting invitation and to all respected dignitaries on the dais for gracing this occasion. Dr. M. S. Ali congratulated and honored all the members of ACM with certificate and membership cards. He deliberated importance of such chapters in college and brief about ACM. He told coordinator and members to arrange various programs and activities under this chapter.

Dr. G. R.Bamnote gave best wishes and congratulations to IT department. Programme ended with vote of thanks by Prof. H. D. Misalkar.

One Day program on "Technical Presentation on Special Interest" 25th Sept 2017

Department of Information Technology, Prof. Ram Meghe Institute of Technology and Research, Badnera organized one day program "Technical Presentation on Special Interests" on 25th Sept 2017 under ACM student chapter.

"Developing excellent communication skills is absolutely essential for effective leadership. The leader must be able to share knowledge and ideas to transmit a sense of urgency and enthusiasm to others. If a leader can't get a message across clearly and motivate others to act on it, then having a message doesn't even matter."

Employers are demanding graduates with excellent communication (written, oral, and listening) skills. Thus, a student's presentation in the classroom becomes an important element in delivering positive learning experiences.

The Programme was inaugurated at the hands of Dr. P. V. Ingole, Head Department of Information Technology, and Prof. H. D. Misalkar (Professional Member ACM) & all staff of Department of Information Technology Prof. Ram Meghe institute of Technology and Research , Badnera.

This program received huge response from students. Students did presentations on new technologies of their interest. It was interesting and motivating event for all. All the faculty members and HOD appreciated students for presentation skill and technical topics chosen for presentation.

Paper Presented by the Students

"DIGITAL POSTER PRESENTATION" 30 Sept. 2017

Department of Information Technology of Prof. Ram Meghe Institute of Technology & Research Badnera organized an event **"DIGITAL POSTER PRESENTATION/MOVIE MAKING"** on the occasion of engineer's day under IEI and ACM Student chapters. The theme of programme was "How Gadgets changed the life". Students were asked to create a movies clip of 5 minutes plus 2 minutes presentation on the topic **"HOW GADGETS CHANGED THE LIFE".**

The program was inaugurated at the hands of Dr. P. V. Ingole, Head of Information Technology Department, Dr. A. S. Alvi and Dr. C. A. Dhote were present on this occasion.

Prof. P. P. Deshmukh, and Prof. P. V. Dudhe were invited as a judge of the event. They evaluated the student clips and presentations on the parameters like Topic of Presentation, Clarity in conveying message, Creative Innovation and time management. Event got the overwhelming response from students and faculties as well. At the end of the event prizes were distributed to winners at the hands of HOD & Judges.

Felicitation of Winner of Digital Poster Presentation

Faculty & Students team of Digital Poster presentation

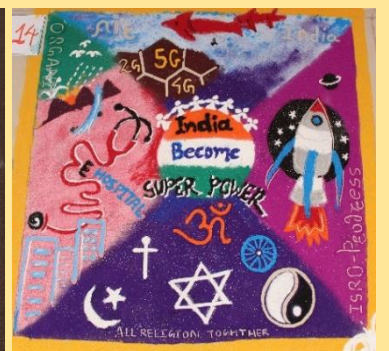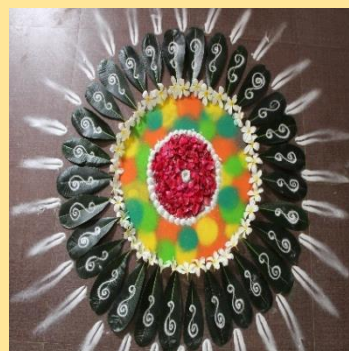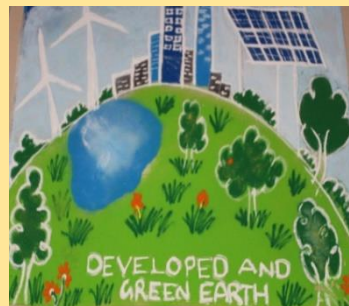## "Rangoli Competition" 30th September 2017

Department of Information Technology of Prof. Ram Meghe Institute of Technology & Research Badnera organized an event Rangoli Competition under ACM and IEI student chapters. They Theme of rangoli competition was "**INDIA IN MY DREAM 2022"**. Each rangoli was delivering one meaningful message. The program was inaugurated at the hands of Dr. M. S. Ali, Principal, Prof. Ram Meghe Institute of Technology & Research Badnera and Dr. P. V. Ingole, Head of Information Technology Department.

Prof. S. V. Dhopte, Prof. S .S. Kulkarni, Prof. P. P. Deshmukh, Prof. M. S. Deshmukh and Prof. P. V. Dudhe were invited as a judge of Rangoli Competition. They evaluated the rangoli on the parameters like Clarity in conveying message, Creative Innovation, Finishing and color combination.

Participation of students in this activity was appreciable. At the end of the event prizes were given to winners by HOD and judges.

Ingurgitation Ceremony of Engineers Day

Rangoli Drawn by the Students

Workshop On
Arduino, Linux, Python, PHP & MYSQL

Department of Information Technology organized IIT Spoken Tutorial Training Session on Linux, Python, Php & MySql for second, third, and Final Year students respectively and Arduino training for Faculty Members of IT, CSE, EXTC & MCA Department. On 5th August 2017, Department organized one day training session for faculty members on Arduino Project of Spoken Tutorial IIT Bombay in association with MHRD Govt of India. Workshop is inaugurated by the hands of Dr. P. V. Ingole HOD (IT). Dr. C. A. Dhote , Dean Informatics , Dr. A. S. Alvi , Prof. S. V. Dhopte , Prof. S. S. Kulkarni and all faculty members and participants were present for inauguration function.The 67 faculty members and 78 students enrolled for the workshop. Regular training sessions on spoken tutorials were added in timetable and at the end of the semester IIT Bombay takes the examination on same course. Successful students and faculty members will get certificates from IIT Bombay.

Dr. P. V. Ingole, Addressing the Participants

Felicitation of students at the hands of Dr. P. V. Ingole

Two Day Workshop On "IOT Based Application Development on Android" 3rd & 4th Oct 2017

Department of Information Technology has organized two day's Workshop on "IOT Based Application Development on Android" on 3rd & 4th Oct 2017 under ACM student Chapter. The Workshop was inaugurated at the hands of Dr. P. V. Ingole, Head Department of Information Technology. Prof. Ms. P. P. Deshmukh , Prof. S. V. Dhopte, Prof. S. S. Kulkarni and Prof. H. D. Misalkar (Member ACM) & all the faculties of Department and Mr. Nakul Deshmukh as expert, from Ibase Electrosoft LLP were present for the inauguration function. There were 95 participant enrolled for the course from the third year section A and section B. The main objective of the programmed was to acquaint the participant with theoretical as well as practical knowledge of "Internet of Things and Big data".

Hands on training on Raspberry Pi and python programming was organised. Expert divided all the students in to small group. After training he gave task to complete to each group. At the end of the workshop each group came up with small application on IoT.

Theory Session Conducted by Mr. Nakul Deshmukh

Hands on Session Conducted by Mr. Nakul Deshmukh

Workshop on Resume Building and Research Paper Writing

Department of Information Technology conducted one day workshop on resume writing and research paper writing for B. E final year students on 29th July 2017. Prof. Pranjali Deshmukh conducted session on "how to design resume "for company interview purpose. She explained detailed format of resume for final year students as they have to appear for company placement. The sample resume also provided to students to get help for their resume development.

Workshop conducted by Prof. Ms. P. P. Deshmukh

Prof. U. V. Nikam conducted session on "How to write research paper" for conferences and journals. He explained the importance of research paper writing and presenting in conference or publishing in standard journals. He explained IEEE format for research paper writing and discussed all titles form format. He further added that research work can be the new work or modification in earlier work. He also told how to decide titles for research papers and references required to prepare it.

Prof. H. D. Misalkar put light on plagiarism in research paper writing. He explained importance of plagiarism checking and uniqueness of one's research work. He also suggested some online software to check plagiarism and explained with examples.

It was really a nice workshop for students for their overall development and placement.

Two Day Workshop on "Computer Hardware".

The Department of Information Technology, Prof. Ram Meghe Institute of Technology and Research Badnera has organized two day's Workshop on "Computer Hardware" on 7th & 8th July 2017 as contents beyond syllabi. This is an in-house activity meticulously planned and effectively executed by the departmental faculties. There were Sixty-one participants enrolled for the course from the third year. The main objective of the programme was to acquaint the participant with issues of "Computer Hardware". The Trainers for the course were Prof. R. M. Hushangabade, Prof. A. A. Gulhane, Prof. A. S. Mahalle, Prof. P. R. Nerkar, Prof. R. R. Papalkar & Prof. N. S. Wadhe. The workshop gave the detailed description about computer hardware. The trainers had given the details information about computer hardware such as monitor, keyboard, Computer Data storage, Hard disk Drive, Graphics cards, Sound Cards, Memory, Motherboard, etc. The workshop covered detail information and insight of computer hardware. It was conducted along with supporting hands on session.

Hands-on Session on Computer Hardware & Networking Conducted by Prof. N. S. Wadhe

Hands-on Session on Computer Hardware & Networking conducted by Prof. A. S. Mahalle

Guest Lecture

1. The Department of Information Technology organized *induction Program* for B. E. Second Year by head of the department Dr. P. V. Ingole on 3rd July 2017.
2. The Department of Information Technology organized a guest lecture on "*GATE Awareness and preparation*" for B. E. third year students by GATE forum, Amravati on 11th July 2017.
3. The Department of Information Technology organized a guest lecture on *"project development and research"* by Mr. Shrikant Mehare research scholar from IIT Kharagpur for B. E. final Year on 12th July 2017.
4. The Department of Information Technology organized a guest lecture on *"Internet of things"* by Mr. M. D. Bharti, director Ibase Electrosoft LLP Amravati" for B. E. Second Year students on 15th July 2017.

Guest lecture delivered by Mr. Mangesh Bharti

5. The Department of Information Technology organized a guest lecture on *"Hadoop –Big Data Analytics"* by Mr. Shrikant Pande Director, Citronic solutions pvt. Ltd. And Mr. R. D. Tembey, director Teknikuckoo, President of alumni association GCOE, Amravati. For B. E. Final Year students on 22nd July 2017.
6. The Department of Information Technology organized a guest lecture on *"web designing"* by Mr. Suyesh Jawar Marketing Head Effigrity Soliutions for B. E. third Year students on 31st July 2017.
7. The Department of Information Technology organized a expert lecture on *"Research methodology"* by Dr. P. V. Ingole for faculty members of the department on 5th Aug. 2017.

Guest lecture delivered by Dr. P. V. Ingole

Research Publication

1. Prof. P. V. Dudhe, Prof. M. S. Deshmukh, Prof. R. M. Hushangabade and Prof. Ms. N. V. Kadam "Internet of Things (IOT): An Overview and its Applications" presented and published in IEEE International conference on Energy, Communication, Data analytics and soft Computing(ICECDS)-2017 organized by SRK Engineering College, Poonamallee during 1-2nd August 2017.
2. Prof. Ms. P. P. Deshmukh, "Survey of Memory streaming techniques for virtual machine in cloud environment" presented and published in IEEE International conference on Energy, Communication, Data analytics and soft Computing(ICECDS)-2017 organized by SRK Engineering College, Poonamallee during 1-2nd August 2017.
3. Prof. N. S. Wadhe, "A Novel Technique For Classification of Images: A boon to Digital India Project" published in Elixir Vibrational Spectroscopy 105 (2017) 46218-46221on 20th April 2017 ISSN No.38706-38717.
4. Prof. R. R. Papalkar, Prof. P. R. Nerkar, "Issues of concern in Storage system of IoT Based Big Data" published in IEEE, International Conference on Information, Communication, Instrumentation and Control (ICICIC – 2017).
5. Prof. S. I. Saudagar Prof. S. A. Chorey. "Secure VANET from vampire attack using LEACH protocal" presented in IEEE International Conference on Signal Processing, Communication, Power and Embedded System-2016.

Teachers Day Celebration

On the occasion of Teacher's day the students of the department organized a teacher's day programme for the faculty members of IT department. The students honored all faculty members by offering bouquets.

Students expressed their feelings & respect towards teachers through poems and speeches.

Dr. P. V. Ingole (HOD) also expressed his views and expectations from students for their future development. All faculties gave best wishes to all students. All faculties enjoyed the arrangement and snacks offered by students.

Teachers Day Celebration

Internship Drive

In the session 2017-18 department has provided two companies for internship to third year students. The Motive behind industry training and internship program is:

1. Put theories and concepts into practice
2. Begin to build work related skills required for the business environment through constructive feedback and supervision
3. Improve technical skill/industry understanding
4. Gain additional skills in areas such as communication, team building, problem solving and analytical reasoning
5. Build valuable networks and contacts for professional development
6. Gain insights into career options to support choice of specialized field area to build and develop one's career.

Pinnaculum Pvt. Ltd., Amravati conducted the industry internship drive on 8th July 2017. Selection procedure included the 1 hour online test on basic aptitude and C, C++ followed by Technical and personal interview. Total 80 students appeared for the selection process and 40 students were selected finally.

Second Selection drive was conducted by IBase Electrosoft LLP on 15th July 3017. The selection was based on technical online test on C-language and technical interview on JAVA, HTML and OOPS concepts. Industry internship program contain total 3 months training and real time project development. Total 100 students were appeared for process and 39 students were selected. The coordinator Prof. Pranjali Deshmukh had taken efforts to arrange these Internship drive.

Internship Drive conducted by Pinnaculum Pvt. Ltd., Amravati

Parents Meet

The parent meet was organized by the Department of Information Technology, PRMIT&R, Badnera with the objective of discussing parents regarding their ward's performance and trying to settle their queries & inquiries. The motive behind the meet is to discuss all measures to be taken for the overall growth and development of the students so that they meet and cop up with the present day challenges. Parent of many students actively participated in the events with the positive approach & also offered some valuable suggestion with respect to operational issues.

Dr. P. V. Ingole Addressing to the parents and students

The meet began with a warm welcome to the parents followed by a presentation from Head of Department, Dr. Prashant V. Ingole. The presentation cover details regarding infrastructure, increase in intake, academics, placements, library facilities, academic profile of faculty, results of students, intra and extracurricular activities organized within the department and training and placement activities. Sir further insisted on the responsibilities of parents along with the overall development of the students.

Head of the Department requested the parents to visit the state of the art central library. Sir assured them that wards are in the best and safe hands and the department would take every effort in transforming them to multifaceted professional. Sir further elaborated that every faculty is dedicated to strive for the overall personality development of student so as to nurture not only professionals but also responsible citizens. The parents then had a protracted discussion with the class teachers and took academic details of their wards.

The event was organized by Prof. Ms. M. S. Deshmukh and Prof. S. P. Thakare along with class teachers and other faculty members in department.