Information Technology
E-Magazine

INFOVISTA

To become a pace-setting centre of excellence believing in three universal values namely Synergy, Trust and Passion, with zeal to serve the Nation in the global scenario.

To dedicate ourselves to the highest standard of technical education & research in core & emerging engineering disciplines and strive for the overall personality development of students so as to nurture not only quintessential technocrats but also responsible citizens.

About Department

The Department of Information Technology was established in 2001 under Prof. Ram Meghe Institute of Technology & Research, Badnera (formerly College of Engineering, Badnera) with an initial intake of 60 students. The first batch of B.E. (Information Technology) came out in the year 2004-2005 with flying colors. Since then, the department has never looked back. The department is crowned with many University toppers and several rankers with B.E. honors.

The department runs B.E. (Information Technology) and M.E. (Information Technology) Full-time and Part Time courses with well experienced faculty. The faculty to student ratio is 1:15. There was a rise in intake capacity from 60 to 90 students in 2009 and to 120 students in 2012 . The department has well qualified and experienced faculty and technical supporting staff on its roll. Besides these the department has strong research interests in diverse branches of Information Technology and offers a Doctor of Philosophy (Ph.D.) programme aimed at producing quality researchers. There are two faculty members with Ph.D. to facilitate research, knowledge sharing, learning, inspiring and nurturing the new budding engineers. The department has opened student's chapter "The Institution of Engineers" and various programmes, events are organized under this chapter for the benefit of the students.

VISION

MISSION

Attaining growing needs of industry and society through Information Technology support while adapting ethical values.

- *To become leading education center by inspiring the students to become competent IT Engineers*
- *To make students more innovative and research oriented, to improve their ability to provide appropriate support for industry and society*
- *To train students to adapt the life-long learning with ethical values.*

From HOD'S Desk

A warm and affectionate welcome from the Department of Information Technology at P R M I T & R, Badnera. Information Technology is a professional engineering discipline that deals with the use of electronic computers and handheld devices to store, protect process, transmit and securely retrieve data using various software. IT professionals perform a variety of tasks that range from installing applications to designing complex computer networks, information databases, Data mining, Processing of large data for discovery, inference and knowledge.

Dr. P. V. Ingole

It is immense pleasure to publish this edition of departmental e-Magazine for 2018-19 that portrays the host of activities, events and accomplishments by students. This magazine is the mirror of talent among the students in our department. The wonderful efforts put in by students in contributing to this magazine are really appreciable.

Our department motivates students to organize number of co-curricular and extra-curricular programs through various professional society activities, under IEEE, ACM, IETE, IE and ISTE. I appreciate our parent fraternity for supporting the department in every aspect. The alumni of the Department occupy high positions in industry and academia, in India and abroad. Their accomplishments have been outstanding and reflect on the quality training imparted at the graduate level. I also laud the relentless efforts of our teachers for giving their best in bringing out the best in students.

Our department has a team of qualified and experienced faculty and staff members and we are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology. We always work with the motto "Nothing can be achieved without genuine effort." The core values of the department help the students to develop their overall personality and make them worthy technocrat to compete and work at global level. Although our department is relatively young (established in the year 2001) our department has been conducting seminar / training programs for faculty and students since its beginning, to keep the faculty and students abreast of the latest developments in the field of technical education.

I am confident that our students will prove to be an invaluable asset to an organization.

PEO's

PEO1: To provide a sustainable foundation in mathematics, science and engineering to enable them to become competent IT Engineers

PEO2: To deliver a comprehensive education in Information Technology and related engineering fields to ensure the core competency to be successful in Industry and in higher studies.

PEO3: To analyze, design and create solutions in alignment with industry and emerging trends in multidisciplinary environments.

PEO4: To communicate effectively as a part of team for self learning, lifelong learning and career enhancement in industry and society.

Program Outcomes

PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PO3: Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems.

PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Program Specific Program Outcome (PSPOs)

PSO1. Apply core aspects of Information Technology, Networking, Internet of Things and Security to pursue successful career in IT industry.

PSO2. Develop, analyze and find IT solutions through programming paradigm, Web Designing and Cloud Computing.

Placement 2018-19

Prajyot Bhuskat
TCS

Dnyaneshwar Dandale
TCS

Sudhanshu Deshpande
TCS

Payal Gajbhiye
TCS

Praniti Gogarkar
TCS

Swaraj Jalkate
TCS

Shruti Jivtode
TCS, Neosoft
Technology

Kiran Mate
Amazon

Amruta Kapoor
TCS

Govardhan Khadakkar
TCS, Neosoft
Technology

Vipin Rathod
TCS

Pallavi Rawarkar
TCS

Shubham Chikhalkar
L&T

Nishant Bodade
L&T

Bhavna Kalankar
ConnecQt

Prachi Manwar
TITEC Pvt. Ltd

Ajinkay Diware
TITEC Pvt. Ltd

Nikita Bherde
TITEC Pvt. Ltd, Networth
Research Pvt. Ltd, Indore

Abhiroop Soni
Ripplels Advisory
Pvt. Ltd, Indore

Amol Dhakade
Ripplels Advisory
Pvt. Ltd, Indore

Placement 2018-19

Ankita Mahajan
Ripplels Advisory
Pvt. Ltd, Indore

Apeksha Rahulgade
Ripplels Advisory Pvt.
Ltd, Indore, CMS IT
Services

Gajendra Pole
Ripplels Advisory
Pvt. Ltd, Indore

Nidhi Vighe
Ripplels Advisory
Pvt. Ltd, Indore

Priyanka Pitambarwale
Ripplels Advisory Pvt.
Ltd, Indore

Shruti Wankhade
ConnecQt

Ankit Yadav
Networth Research
Pvt. Ltd, Indore

Abhijeet Khade
Networth Research
Pvt. Ltd, Indore

Adesh Nimje
Wipro, Networth
Research Pvt. Ltd,
Indore

Anushka Tiwari
Networth Research
Pvt. Ltd, Indore

Kaushal Balte
Networth Research
Pvt. Ltd, Indore,
Research Inn

Purvaja Thakare
Networth Research
Pvt. Ltd, Indore

Sakshi Ade
Networth Research
Pvt. Ltd, Indore

Sakshi Shirsat
Networth Research
Pvt. Ltd, Indore,
CMS IT Services

Geetanjali Panchal
Cojag Pvt. Ltd

Ketki Ashtikar
CMS IT Services

Omkar Dharange
CMS IT Services

Ajay Dhobale
CMS IT Services,
ConnecQt

Akshay Kakpure
CMS IT Services

Saurabh Kalmegh
CMS IT Services

Placement 2018-19

Mayur Patil
CMS IT Services

Pranav Relkar
CMS IT Services

Sanjiwani Gawande
ConnecQt

Pooja Sapre
CMS IT Services

Abhinav Shiraskar
CMS IT Services

Vinay Wankhade
CMS IT Services

Gaurav Pathare
Genpact, ConnecQt

Pooja Belankar
Genpact

Akshay Bagade
ConnecQt

Nikhat Shah
ConnecQt

Sunny Nanwani
Ripplels Advisory
Pvt. Ltd, Indore

Parikshit More
TITEC Pvt. Ltd

Shubham Sanchela
CMS IT Services

Ishwar Joshi
TCS

UNIVERSITY TOPPERS

Ku. Shraddha Mahadik
University Rank- 3rd
Summer-2018

Mr. Wrushabh Jogi
University Rank- 4th
Summer-2018

Ku. Neha Samudre
University Rank- 5th
Summer-2018

Ku. Beena Nandanwar
University Rank- 6th
Summer-2018

Mr. Roshan Pawar
University Rank- 7th
Summer-2018

Ku. Bhawana Junghari
University Rank- 8th
Summer-2018

Ku. Sakshi Patankar
University Rank- 10th
Summer-2018

Department Activities

Growth in technology has affected every field of specialization and walk of life for common man. The increasing use of Artificial Intelligence and Machine Learning based smart devices has already started touching the life of common man. However the sustainability in terms of human values, health, resources and Environment are key issues. So smart devices and engineering practices for empowerment is important on one side. At the same time the sustainable development is very important for human race to continue to happily live on planet earth. In order to address these contradictory requirements, IETE held this year's **Annual Convention during 29-30 September on the theme**, **'Smart Engineering for Sustainable Development' at Amravati**. This two day programme was meticulously planned by conveners

Eminent experts from India and abroad besides Governing Council Members, Past Presidents and Distinguished Fellows attended this program, held at the Auditorium of Prof Ram Meghe Institute of Technology and Research (P R M I T & R) ,Badnera – Amravati. Hosted by IETE Amravati centre and P R M I T & R, Badnera jointly. This Complete event was a resounding success where students,teachers and experts fruitfully interacted to understand implications of these transformative technologies. Interestingly, the presence of overseas Awardees from USA has added tremendous value to the depth of interactions. **DrNitinDhande, President Vidarbha Youth Welfare Society, Amravati** host society,welcomed the audience and **Prof (Dr) P V Ingole Chairman IETE Amravati Centre and Convener** provided overview of the AIC 2K18.

The event was inaugurated by **Shri HansrajAhir,** Union Minister of State for Home Affairs, **Shri PravinPote**, Minister of State for Industries and Mining, Public work and Environment was the guest of Honor.

Chief Guest of the inaugural function **Hon'ble Shri HansrajAhir**spoke about the United Nations Goals for Sustainable Development in which availability of Food, shelter, Health services and clean drinking water are on top priority. He also narrated the priorities of the Government on climate change and sustainability for future generations.

Hon. Shri. HansrajAhir addressing to gathering at Inaugural Function

Guest of Honor Shri PravinPote stressed the need for balanced growth in all fields using the latest technological innovations. President IETE, Prof (Dr) KTV Reddy, elaborated the relevance of growing use of devices that are enabled with the latest technological innovations and also mentioned the role of country like India where majority of population lives in less privileged part. Life Time Achievement Award was presented to PadmashriDr T H Chowdarywho selflessly served the profession for over five decades and to Past President Shri R K Gupta who revolutionized theDoordarshan and Akashwani while working as Engineering Director of PrasharBharati. Distinguished Fellowships were conferred upon Dr M H Kori, Ex-Chairman of TPPC and Past President of IETE, **Dr K Laxminarayana**, **Dr K Sivan**, Chairman ISRO and Secretary Dept of Space was declared as Honorary Fellow but due to his schedule he could not collect the award in person. On this occasion the Souvenir of the AIC 2K18 was released at the hands of Chief Guests and others.

Welcome to the Guest by the Hands of Dr. NitinjiDande

IETE awards to recognize excellence in scientific endeavor

Prof (Dr) KTV Reddy was installed as the new President who outlined his dream-vision for future strides by the institution, namely setting up of the IETE University.The IETE Best Centre awards were also given away on this aoccasion: 1st Position- Delhi; 2nd Position: Bangalore; Best Sub-Centre: 1st Position- Yavatmal.Prof (Dr) M S Ali, Principal Prof Ram Meghe College of Engineering and Management, Amravati, delivered inspiring 50th Bhabha Memorial Lecture after the inaugural session. Prof (Dr) K P Rai of DAIT Pune, while delivering 41st IETE Ram LalWadhwa Award Lecture elucidated the innovations in the field of Microwave and antenna for various non-conventional applications. The use of microwave for communication is the leading role of the communicationengineers however **Prof (Dr) K P Rai** introduced to the audience that these developments in the field of Microwave lead to the huge saving of foreign exchange in last decade. **Dr N NKasat** conducted this award lecture session which was appreciated by all.

Technical sessions were managed by **Prof S V Dhopte** and **Prof SangramDandage.** Presentations of contributed papers in the technical sessions by scholars elicited lively response. All the papers went through the plagiarism check and the double review process before they were selected for presentations. Total of 102 papers were received out of that 91 papers were selected for presentation. Valedictory session consisted of conferment of wide range of IETE National level awards to recognize excellence in scientific endeavor.UG Students conference was organized for the young graduating students and it received a huge response. The presentations were primarily based upon the innovative project ideas on which the final year students are doing their Projects. **Prof S SMungona** and **Prof V R Raut** managed various sessions.

In order to inculcate the spirit of science and technology among the young ones a competition of science and technology based project models was organized for school students. School students from

grade 5th to 10th participated in it and ir received a huge response. **Prof Dr K T V Reddy**, *President IETE,* **DrChandrkanta Kumar, Director Chandrayan Project,** *ISRO Scientist and HariRamjiToshniwal Award winner, and* **Dr T S Rathod***Retd Prof of IIT Bombay presented the awards to the students. This award event was managed by* **Prof S V Pattalwar***and* **Prof AbhijitKalbande***.*

Technical Paper presentation sessions

UG Students conference

Workshop on
"Outcome Based Learning Teaching Process In NBA Evaluation"

Department of Information Technology, Prof. Ram Meghe Institute of Technology & Research, Badnera has organized two days' workshop on "Outcome Based Learning Teaching Process In NBA Evaluation" on 22nd and 23rd June 2018 for the faculty members from Engineering in Association with The Institution of Electronics and Telecommunication Engineers (IETE) & Institution of Engineers (IEI).

Expert Lecture delivered by Dr. SachinSakhare

Aim of the workshop was to introduce new NBA format imperatives and sensitize teaching faculty regarding quality improvement and setting processes of continuous assessment in Outcome Based Education (OBE). For accreditation, institute need to follow certain processes for improving the quality of education. The teachers need to understand and then implement the various processes

required to improve the quality of teaching learning. This workshop was primarily designed to provide platform to the teachers of engineering colleges to understand various processes of teaching learning and participate in the innovations. Dr. SachinSakhare , Professor & Head (IT) , VIIT , Pune was the resource person for these two days workshop. Two days sessions followed by exercises that were carried out under the themes of New NBA Imperatives, Program Level Perspective, Defining Course Outcomes and Mapping COs with PO/PSOs, and Course Planning. Principal Dr. A. P.Bodkhe inaugurated the workshop and underlined the importance of accreditation in the overall quality improvement efforts. Dr. SachinSakhare, resource person discussed on all themes and also conducted interactive sessions for these two days. Dr. P.V. Ingole, HOD, IT department gave his remarks on the need of defining Program Specific Outcomes adequately reflecting the stakeholders' interests. Prof. S. V. Dhopte , Prof. S. S. Kulkarni , Dr. A. S. Alvi , HODs of all Departments , Deans and faculty participants from college and outside colleges were present for this two days workshop. The workshop was attended by 163 faculty participants.

Ethical week Celebration

Department of Information Technology, Prof. Ram Meghe Institute of Technology & Research, Badnera decided to start new activity in the department called "Ethical Week". This was the different activity than other technical and nontechnical activities. Dr. P. V. Ingole HOD IT put up this thought in front of all faculty members and all faculty members delighted to conduct this ethical week along with teaching schedule.

On 16th July 2018:- Ethical week was inaugurated at the hands of HOD Dr. P. V. Ingole and all Faculty members and students were present there. First activity was Ethical movie playing and students should write and present reviews on it. To make this activity more interesting coordinators have selected one group from each section and formed total 6 groups. It was the competition amongst groups on the quality of review generation and presentation. Clips from three movies were played and participants prepared reviews and presented the same in front of Judges. The Judges evaluated the groups on the basis of their reviews, ethical thinking and presentation skills

Activity done by the students

On 17th July 2018:- On second day, under ACM student chapter, very interesting activity was planned for each class. The Roll play is effective activity to understand the ethical practices in day to day life and educational organization. Faculty Coordinators & students team decided the theme for role play , individual from group played the different role in drama and remaining audience prepared the views on it and presented the same. Judges observed role play in each class and decided the winner on the basis of role play theme, act, ethical views and presentation by the students.

The benefits and skills offered to students during these activities include communication, collaboration, reading, writing, general speaking, quick decision making, questions and answers, giving and following directions, and physical response.

18th July 2018:- On the third day under IEEE student chapter faculty coordinators and student coordinators organized poster presentation and debate competition. For poster presentation broad topic "Ethics" was decided. Students from all years participated in this activity and submitted meaningful posters. All the posters were displayed on Wall Magazine board for sharing & judging purpose.

20th July 2018:- Expert lecture on "Ethical Hacking & Cyber Security" was organized under IEEE student chapter. Mr. AniketBhalerao, Chief Security Specialist, MSP1 Services, Mumbai was the expert for the lecture. Dr. P. V. Ingole welcomed the guest with bouquet.

Guest Lecture delivered by Mr. AniketBhalerao   *Visit at Old Age Home*

Two Day Workshop on "Computer Hardware & Networking"

The Department of Information Technology, Prof. Ram Meghe Institute of Technology and Research, Badnera has organized two day's Workshop on "Computer Hardware & Networking" on 31st August & 1st September 2018 as contents beyond syllabi. This is an in-house activity meticulously planned and effectively executed by the departmental faculties. All B. E Third year students participated in this workshop. The main objective of the workshop 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 gave detailed 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. The hands-on sessions were arranged for the students to get practical knowledge of hardware and networking. Students interacted with faculty regarding various aspects of computer hardware.

Hands on Session Conducted by Prof.A. S. Mahalle Prof. R. M. Hushangabade

Movie making and quiz competition

Department of Information Technology, Prof. Ram Meghe Institute of Technology & Research, Badnera organized movie making and quiz competition events on the eve of Engineer's Day. Every year 15th september is celebrated as the Engineer's day in India to give a tribute to the greatest Indian Engineer, Sir MokshagundamVisvesvarya who also received India's highest honour, the Bharat Ratna in 1955. He holds some remarkable engineering constructions in his name. He was the chief engineer of the Mysore state, Vrindavan Garden, Krishna Raja Sagar dam etc. He was also the chief designer of the food protection system for the city of Hyderabad.

Program started with lamp lighting ceremony and garlanding photos of MaaSarswati and Sir MokshagundamVisvesvarya.

Two parallel programs Movie making and Quiz completion were arranged for B. E students. The Theme of movie making was "Effects of Social Networking". Participants played movies and presented the message which they want to give to audience. The Movies were well planned and designed by students. The Movies have shown positive as well negative side of social networking. Activity got huge response from students.

The Quiz competition was based on general as well technical topics. The rapid questions were asked to students and winner is finalized on the basis of highest marks. At the end of the program winners were declared of all competition and prizes were given to winners.

Trophy Distribution to the Winning Team

Wall Magazine under IEI & ACM

Department of Information Technology organized an event Wall Magazine under IEI &ACM student chapters on the eve of Engineer's day on 15th September 2018. The theme of this year Wall Magazine was "Effects of Social Networking".

Students had designed posters showing positive as well as negative side of the social media. Some of the poster depicted that balance use of social network will definitely help for development and connect to people but addiction can lead to isolation and depression also. Event got overwhelming response from students of all years. Total 70 students participated in this activity. They submitted posters, articles, drawings, paintings etc. on the theme.

Inauguration of Wall Magazine by the hands of Dr. A. P. Bodkhe, Principal PRMIT&R, Badnera

Teachers Day Celebration

On the occasion of Teacher's day the students of the department organized a teacher's day programme on 5th September 2018 for the faculty members of IT department. The students honored all faculty members by offering bouquets. Second and third year girls students prepared beautiful greeting for HOD and presented him on the eve of Teacher's day. Students expressed their feelings & respect towards teachers through poems and speeches. Second year students played good comedy drama on college life and examination.

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.

Greetings Received to Dr. P. V. Ingole by the Students   Felicitation of Faculty at the hands of Students

International Yoga Day Celebration

June 21st is celebrated as The International Yoga Day all over the world. This idea was proposed by our Prime Minister, Mr. NarendraModi. He said, "Yoga is an invaluable gift of India's ancient tradition. It embodies unity of mind and body; thought and action; restraint and fulfillment; harmony between man and nature; a holistic approach to health and well-being. It is not about exercise but to discover the sense of oneness with you, the world and the nature. By changing our lifestyle and creating consciousness, it can help in well being."

International Yoga Day was celebrated by the students & faculty members in Information Technology Department with great enthusiasm. Faculties & students demonstrated various asanas followed by Omkar chanting. Warm up exercises were taken and all the faculties performed sitting and standing asanas, importance of these were explained simultaneously. The celebration concluded with synchronized recitation of shlokas and speech by our HOD. He encouraged faculties & students to practice regular yoga to remain fit and improve concentration.

Regular practice of yoga will surely help faculties as well as students achieve a better life, physically, mentally and spiritually as well.

Yoga Day Celebration in Department

Parents Meet

The parent meet was organized on 18th August 2018 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.

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, academics, placements, library facilities, academic profile of faculty, results of students, co-curricular 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. Sir further elaborated that every faculty member is dedicated to strive for the overall personality development of student so as to nurture not only professionals but also responsible citizens. Some of the parents put their views and their expectation from students and college. The parents then had a protracted discussion with the class teachers and noted academic progress of their wards.

Felicitation of the Students and Parents by the Hands of Dr. P. V. Ingole&Prof.S. V. Dhopte

The university Topper students from B. E second, third and final year were felicitated along with their parent by HOD and all senior faculty members. Program ended with delicious refreshment for parent and all faculty members.

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.

Technical Program for Titans' School

Department of Information Technology conducted technical activity on 1st September 2018 for the Titan school students to transfer technical knowledge to next generation. The Faculty members conducted hands-on practice on HTML (Hypertext markup language) in lab session. Total 60 students from Titan's Public school of Vidharbha Youth Welfare Society participated in this activity. Titan's School teachers were also present and supported to faculty members in conduction of lab session. Prof. AnkurMahalle, IT department taught all important tags from HTML and also simple programming based on that. Prof. Maithili Deshmukh, Prof. P. V. Dudhe , Prof. S. N. Sarda , Prof. N. V. Kadam conducted lab session for students. Prof. S. S. Kulkarni took students to visit server room and explained working of server and networking to them. School students had implemented tags and created beautiful static web pages. Some students added more innovative and self-ideas in web pages.

Faculty Giving Information to the School Students

Guest Lecture

1. *The Department of Information Technology organized "Induction program" for B.E Second year students by Head of Department Dr. P. V. Ingole, on date 25th June 2018.*

2. *The Department of Information Technology organized guest lecture on "GATE preparation & opportunities" by Director, GATE Forum for B. E. Third year A & B section, on date 18th July 2018.*

3. *The Department of Information Technology organized guest lecture on "Machine Learning" for B. E. Third year by Mr. SuyashZawar , Director Visit Fresh Pvt Ltd, Amravati on date 19th July 2018.*

4. *The Department of Information Technology organized guest lecture on "GATE preparation & opportunities" for B. E Third year Students by Mr. J. K. Reddy IES Officer, Hyderabad on date 25th July 2018.*

5. *The Department of Information Technology organized guest lecture on "Hackhathon preparation and Industrial level programming" for B. E Third year students Lecture by Mr. LankeshDhandale, Oxybills Services India Pvt. Ltd. On date 26th July 2018.*

6. *The Department of Information Technology organized guest lecture on Resume building for B. E. final year students by Prof. Pranjali P. Deshmukh on date 9th August 2018.*

7. *The Department of Information Technology organized guest lecture on recent technologies and Python by Mr. RushikeshDhande, Director Itrons Technologies on date 22nd Sep. 2018.*

8. *The Department of Information Technology organized guest lecture on   and internship drive by ICEICO group Nagpur on date 26th Sep. 2018.*

9. *The Department of Information Technology organized guest lecture on "Opportunities for Abroad Education" by Mr. AswhinAlsi and Ms. Gauri Kale Directors Proficient Test Prep, on date 3rd Aug. 2018.*

Guest Lecture Delivered by GATE ForumGuest Lecture Delivered by Mr. J. K. Reddy IES Hyderabad

Guest Lecture Delivered by Mr. RushikeshDhande Guest Lecture Delivered by Mr. AswhinAlsi and Ms. Gauri Kale

IETE Student Day Celebration on February 2019

IETE Amravati Center, Amravati

IETE Student Day CelebrationInaugural on date 2ⁿᵈ Feb 2019

On the occasion of IETE students' day, IETE Student Forum (ISF) of Prof. Ram Meghe Institute of Technology & Research, Badnera-Amravati, Celebrated this day by organizing Co-curricular and Sports activities "SPARK IT". Dr. A. P. Bodkhe, Principal, PRMIT&R, Badnera, Was the chairman for the inauguration function. Prof. S. V. Dhopte, Vice chairman IETE Amravati Center, Dr. N. N. Khalsa, Treasurer IETE Amravati center, Dr. A. S. Alvi, Prof. S. S. Kulkarni were guests on this occasion.Message of Hon'ble President IETE on the occasion of student's day was read.

Welcome to the Chairman of Inagural Function Dr. A. P. Bodkhe, Principal, PRMIT&R, Badnera

Welcome to Dr. P.V. Ingole, Chairman IETE Amravati Center

Intradepartmental innovative competitions such as Mystery Cases, Minute to win it and Code Pyramid were organized by ISF Members. 12 teams (4 members in each) for Mystery Cases, 34 Contestant for Minute to win it and 17 teams (2 Members in each) for code pyramid were participated. Participants have reported and confirmed their entry in between 80:00 am to 08:30 am. Then screening test for Mystery cases and Code pyramid competition was conducted immediate after inaugural function.Sports event was inaugurated by Dr. P.V. Ingole, Chairman IETE Amravati center.

In Sports students organized Box cricket in which 10 teams (7 members in each) were participated, Tug of war in which 15 teams (5 Members in each) were participated, Relay race in which 2 teams (4 members in each) contestants were participated.

Code pyramid competition

Students Playing Tug of War

Winner team of Mystery Case competition comprising of Mr. SomeshWaghmare, Mr. YogeshGodghase, Mr. Nikhil Katekar& Mr. Jagdish Sharma, Winner of Minute to Win it Competition is Ms. TejashreeDarokar and Winner team of Code Pyramid competition comprising of Mr. ShubhamYadav& Mr. RoshanNimje.

Girls winner team of box cricket comprising of Ms. Nikita Bhagat, Ms. TejashreeDarokar, Ms. PratikshaBagwale, Ms. RuchitaTapase, Ms. RutujaBodkhe, Ms, ShubhadaBhagwat, Ms. JanviBagwani and Boy's winner team of box cricket comprising of Mr. Gaurav Lanjewar, Mr. ParagDeulkar, Mr. AkshayVasu, Mr. RushikeshDhamode, Mr. SarveshDarware, Mr. Vikrant Raut, Mr. SaurabhSapkal.

Girls Winner team of Tug of war comprising of Ms. Simran Ahuja, Ms. MeghaBhagtani, Ms. SakshiWaswani, Ms. Karishma Thakur, and Ms. Darshana Katole.

Boy's winner team of Tug of War comprising of Mr. NakulTiwalkar, Mr. Tanay Bhandari, Mr. Sanjay Chavhan, Mr. PawanMugwenkar, Mr. SandeshBondge.

Winner team of relay race comprising of, Ms. SnehalAjmire, Ms. Rani Hendre, Ms. MayuriJamode, Ms. NamrataBhatkar.

All the Co-curricular and Sports activities were planned and organized by ISF members, Mr. ShreyasChaturbhuj, Mr. WrushabhShirsat, Ms. SnehalAjmire, Ms. PankhudeeJaiswal, Ms.NamrataBhatkar, Ms. HeenaSakhare, Mr. AbhijeetNagtode, Mr. DarshanSedani andMr. Om Wankhede under guidance of Prof. Shailesh P. Thakare, ISF In Charge & Prof. Ms. Maithili S. Deshmukh.

Faculty Coordinators of Mystery Case was Prof. S. N. Sarda and Prof. N. S. Wadhe, Minute to win it are Prof. Ms. P. V. Dudhe and Prof. G. K. Wadnere, Code Pyramid was Prof. Ms. P. P. Deshmukh and Prof. Ms. N. V. Kadam, Sport activities were coordinated by Prof. U. V. Nikam, Prof. A. S. Mahalle, Prof. Ms. S. I. Saudagar and Prof. Ms. S. A. Chorey. All Students and Faculty Coordinators took lot of efforts for the successful conduction of the program.

Workshop on Python

The Department of Information Technology, Prof. Ram Meghe Institute of Technology and Research, Badnera had organized three day's Workshop on "Python Programming" from 20-12-2018 to 22-12-2018 as contents beyond syllabi. This is an in-house activity meticulously planned and effectively executed by the departmental faculties. Total 55 students from B. E Third year participated in this workshop.

The Trainers for the workshop was Prof. A. S. Mahalle. The objective of the workshop was to acquaint the students with basic python programming. Workshop was conducted in lab and all the sessions were hands-on on programming.

Following contents covered in three days workshop.
Day 1:
- *Introduction to Basic Programming & Concepts.*
- *Conditional Statements & Loops.*
- *File Handling with Python*

Day 2:
- *Classes, methods, functions and set of Objects*
- *Weather Application*
- *Python GUI creation basics of Image commands in OPENCV*
- *Color Conversions*

Day 3:
- *Threshold Segmentation*
- *IP CAM android app using wireless method for video and image capturing*
- *Video frame conversion*
- *DEMO: Face Recognition*
- *Vehicle and pedestrian detection.*

Students performing python workshop

Tree Plantation under Natures' Club

The Department of Information Technology, Prof. Ram Meghe Institute of Technology and Research, Badnera has a Natures' Club with faculties and the students,every Saturday some activities are carried out. Nature Club plants some trees and cleaning activity is carried out by students and faculty every Saturday.

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

Tree Plantation & Cleaning activity by faculties

Farewell Ceremony

Department of Information Technology organized **Farewell function** on 13th April 2019 for B. E .Final year students of batch 2015-2019 at department seminar hall. Function began with a floral welcome of Dr.P.V.Ingole HOD Information Technology, Prof. S. V. Dhopte , Dr. A.S.Alvi,Prof.S. S. Kulkarni, Prof. Sonika Chore, Prof.P.R.Nerkar , class teachers of final year A & B sections respectively , Prof. P.P.Deshmukh and Prof.M.S.Deshmukh. HOD Dr.P.V.Ingole presided over the function. All faculty members were present in the hall.

It was time to appreciate and felicitate the achievement of final year students. All selected students in various companies were felicitated by HOD and guests on Dias with certificate of appreciation and flower.

Some students from final year expressed their experiences, feelings and advancement in their life during these four years. It was very emotional movement to listen feeling of students towards department , faculties and their friends. Students appreciated and paid their gratitude toward faculty members and efforts taken by them for their overall development. They also realized about homely feeling and belongings towards department and college.

Some students expressed their experiences

It was excited movement for all students to listen from HOD at their farewell function. HOD Dr. P.V.Ingole advised the students to remember the school and colleges where theymolded up their life, they have to be in touch with the parentinstitutes. He gave best wishes for their future journey.

B.E.Third year students nicely hosted the function with thier lovely anchoring. Final Year Class teachers Prof. S.A. Chore and Prof. P. R. Nerkar and all faculty members have taken efforts to make this function memorable event. Fare well function ended with group photographs and delicious refreshments

Distinguished Alumni of I.T Dept.

Mr. Aniket Edakhe
Wipro Technologies,
Lives in Canberra, Australian
Capital Territory

Munish Dwivedi
Worked at Bitwise Inc
Johannesburg, South Africa

Amit Kumar Sharma
Senior Subject Matter Expert
(SSME) at Amdocs

Mr. Hrishav Sinha, SAP
Consultant Accenture, Mumbai

Mr. SagarPandit, System
Executive,
EdelwisePvt.Ltd,Mumbai

Mr. Himanshu Pathak, Sr. Soft.
Analyst, Infobeans, Indore.

Mr. Piyush Pimple,
Soft Engineer at MIT System &
Research Pvt Ltd, Tokyo, Japan

Mr. Sandeep Navlani,
Sr. Soft Analyst, Amdocs,
Chicago

Mr. Abhijeet Shingarwade, SAP
CRM, Tech. Consultant, ATOS
Pvt. Ltd

Mr. Lokesh Shah, IT Analyst, TCS, U.K

Mr. Parag Deo,
Sr. System Executive, Cognizant Solutions, Pune

Mr. Sameer Yadgire, Sr. Soft. Developer, Infosys, Pune.

Ms. Prachi Pimpalkar, Sr. Solution Integrator, Erricson Global India Pvt. Ltd., Chennai

Mr. Sunny Patel, Finance & Operation Manager, iLeadFarmes

Mr. Ashish Joshi, Associate Consultant, BMC soft. Mumbai

Manish Kumar
IT Consultant at Santander London, UK

Komal Batra
Bank of America Continumm India, Ltd,

Deepika Gupta
Quality Assuarance at Legal & General, UK

In Search of Peace

शोध
स्वत:चा

मराठी विभाग

बळीराजा.......

"अनायाला राजा बनवून,

व्यर्थ दर्पका वाढविला

राजा नव्हताच कधी,

राजा म्हणून छळ का चालविला"........

" मध्यम नव्हताच कधी व्यापार ,

आणि दुय्यम नौकरी

कानीष्ठच होती शेती,

उत्तम म्हणून छळ का चालविला"........

" मान नाही, सन्मान नाही ,

सत्ता नाही, नाही ताज,

कसा हा राजा पाहा,

कष्ट करूनही अन्नला मौताज"...........

"शेतकऱ्यांची मुल चालविती सरकार

अनुदान देऊन, जगवीती कास्तकार"......

" जवान लढतात देशासाठी,

नेते लढतात सत्तेसाठी

कास्तकार लढतो सर्वांसाठी,

पण मरतो फक्त स्वतःसाठी"...........

" देशाचे पोशिंदे आम्ही , दर्जा आमचा सर्वाहून लहान "

" कसे म्हणावे स्वतंत्र याला, कसा हा आमचा भारत देश महान"...........

नैना लाजुरकर

" नवा दिवस "......

भिऊन पावलं टाकू नका,

भिऊन डोळे झाकू नका !

भिनार्याला ....

प्रकाश कोणी बघू देत नाहीत;

भिनार्याला..........

इथे कोणी जगू देत नाहीत !

गरुडाहून झेपावणारा

प्रत्येकाला प्राण आहे;

विश्वास ठेवा , तुमच्या पायात

न संपणारा त्राण आहे !

" विश्वास ठेवा,

" विश्वास ठेवा,

नवा दिवस प्रकाश घेऊन येतो आहे ,

नवा दिवस विकास घेऊन येतो आहे ,

नैना लाजुरकर

"जीवन म्हणजे"..........

(तीन) पानाच एक पुस्तक असतं,

पाहिलं आणि शेवटच पान देवणी लिहिलेलं असतं.....

पाहिलं पान म्हणजे ' जन्म'

शेवटच पान, म्हणजे'मृत्यू'

उरलेलं मधले पान मात्र

आपल्यालाच भरायचं असतं,

त्यासाठी मनात प्रेम, भाव, आणि

चेहऱ्यावर सुंदर स्मित हास्य ठेवायचं असतं........

नैना लाजुरकर

मलाआवडते वाट वळणाची..........

मला आवडते वाट वळणाची

दाट झाडाची नागमोडीची

हि अलीकडची, नदीच्या थडीची

मला आवडते वाट वळणाची........

मला आवडते वाट वळणाची

सरधसरनिचि पायफसनिचि

लावणावरची पानबसनिचि

मला आवडते वाट वळणाची ....

मला आवडते वाट वळणाची

अशी भूलकावनीची हूल कावनीची

निसर्गवेळूच्या भर राणीची

मला आवडते वाट वळणाची ....

मला आवडते वाट वळणाची

इथाची तिथची कधी कुणिकडचि

क्षितीजीकडची पुढची पुढची

मला आवडते वाट वळणाची ....

नैना लाजुरकर

प्रेमापेक्षाहीसुंदर माझी मैत्री.......

हळुवार पावलांनी , स्वप्नांच्या सोबतीला

विश्वासाची निरागस प्रसन्ना

सुंदर साजेशी प्रेमालाही लाजवेल अशी

प्रेमापेक्षाही सुंदर माझी मैत्री

मुद्दाम रुसणारी , क्षणात हसणारी

जिंकताना नाही, हरताना हातात हात देणारीमन जिंकणारी

अशी प्रेमापेक्षाही सुंदर माझी मैत्री

डोळ्यातील आसवांना हळूच गाळणारी

ओठाच्या हास्यासाठी, जीव ओवाळणारी

आयुष्याच्या सोबतीत,विशासावर तोलणारी

श्वासच्या अखेरीसच साथ देणारी प्रेमापेक्षाही सुंदर मैत्री माझी

कु. किरणडी. हरले

आय. टी. अंतिम वर्ष

.......माझी माय.......

आई, तूच माझी माता,
तूच माझी दाता,
तुझ्यापोटी जन्म घेऊन,
झाली भाग्यवंत
जन्मोजन्मी तुझ्याच पोटी,
मिळो मलाजन्म,
मायालेकाराचे नाते राहो अखंड,
तुझ्या विना माझा जन्म, आहे अपूर्ण
तुझ्या पोटी जन्म घेऊन सार्थ झाले माझे जीवन,
तुझ्यासाठी देवापाशी मागेन मगन, करेन प्रार्थना,
जन्मो जन्मी तूच माता मिळो हीच कामना.

कु. तेजस्विनीराऊत

द्वितीय वर्ष आय. टी.

" वार्षिक परीक्षा ".........

धमाल क्लासरूम, भयाण वाटे

लाकडी बाकावर, उगवतात काटे

अवघ्या वर्षात पहिल्यांदा, पुस्तकाच्या प्रेमात पडते

त्यास बंद करून ठेवताना , मानोमानीरडते

प्रश्नपत्रिका मिळेपर्यंत, मेंदूला लागते रग

हातातले जातातत्राण, जीवाची होते तगमग

पहिल्या प्रश्नानावारती ठरतो, पुढच्या तीन तासांचा मूड

टीचर करणार आहेत दया, का घेणार वर्षभराचा सूड

तेजुनी घेतली पुरवणी कि, मि माझी कोरे पान मोजते

तेवढ्यात हृदयाचा ठोका चुकतो , आणी शेवटची घंटा वाजते

आत्मविश्वास वाढतोमग, परीक्षेतल्या भोपळ्याचा

पाश्यातापहोतो मला, दिवसभर झोपण्याचा

उन्हाळ्यात चुलीवरबसवते हि परीक्षा

अभ्यास करेन पुढच्या वर्षी नक्की , देवा नकोही डी. सी. होण्याची शिक्षा.........

नैना लाजुरकर

......आई......

अमाप सुख आहे सगळ्यांच्याच पदरात, पणते अनुभवायला आज वेळ नाही

आईच्या अंगाईची जाणीव आहे ,पण आई ला आज ' आई' म्हणायला वेळ नाही

सगळी नाते संपवून झालीत, पण आज त्या नात्यांना पुरायलाहि वेळ नाही

सगळ्यांची नाव मोबाईल मध्ये सेव आहेत, पण प्रेमाचे चार शब्द बोलायलाही आज वेळ नाही

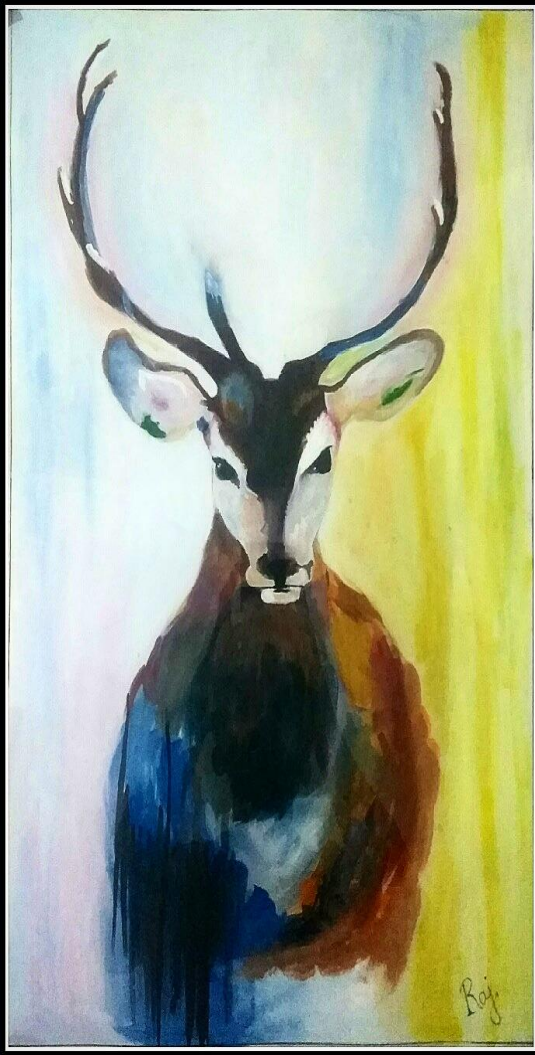ज्या पोराबाळान्साठी मेहनत दिवस रात्र करतात, त्यांना क्षणभर बघायलाही आज वेळ नाही

सांगेल कोण कशाला दुसर्याबिद्दल, जेव्हा इथे स्वतःकडेच बघायलाही वेळ नाही

डोळ्यावर आलीय खूप झोप , पण आज कोणाकडे झोपाल्यालाही वेळ नाही

कु. किरणडी. हरले

आय. टी. अंतिम वर्ष

Raj Sarbere

III Yr Sec 'A'

Kartiki Ghotekar

III Yr Sec 'A'
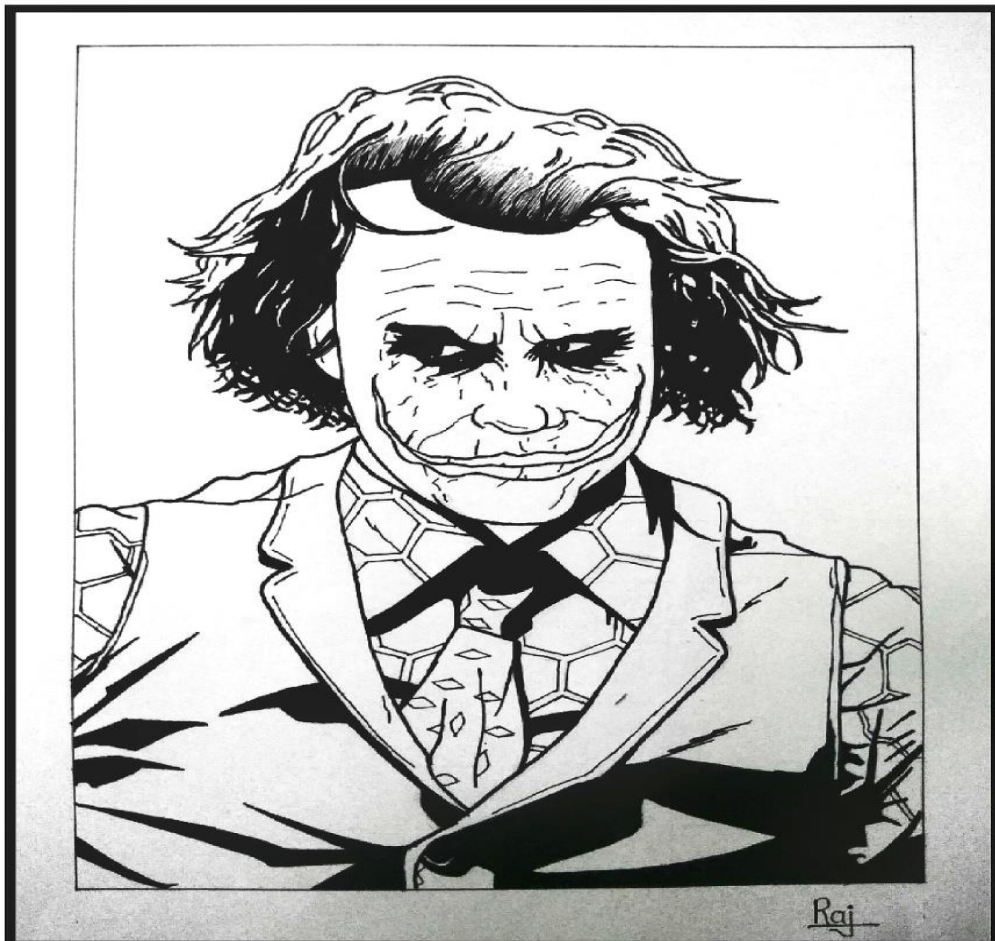
Editors' Note

Prof. Pranjali P. Deshmukh
Coordinator of E-magazine

Prof. Himanshu D. Kale
Co-Coordinator of E-magazine

It gives us great opportunity to present the next edition of Information Technology Department Magazine "Infovista". The past year was full of various activities by the students and faculty in academic, co-curricular, extra-curricular as well as research & developments. Economic recession round the globe during the last year is demanding the growth of technocrats in new dimensions. The Engineering education has to be redefined to meet the new challenges. By conduction of various technical workshops and training, we can see solid steps being taken not only to cater to the needs of the industry but also to the generation of knowledge. This magazine is a platform that exhibits the literary skills and innovative ideas of teachers and students.

We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success. We profusely thank the management for giving support and encouragement and a free hand in this endeavor. We are also thankful to Principal Dr. A.P.Bodkhe and our Head Dr. P.V.Ingole for providing all required help and encouragement.

Last but not the least we are thankful to all the faculty members and students who have provided necessary information and materials for the Magazine.

I am absolutely certain that the best is yet to come. Within the next year, you can expect updates to the look and content of the magazine.

Prof. Pranjali P. Deshmukh

Prof. Himanshu D. Kale