



REFLEX TKIET

NEWS LETTER



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The Mechanical department organized two days National Conference on Recent Innovations in Mechanical engineering (NCRIME 2k18) on 23rd and 24th March 2018. National Conference has been a special event in the TKIET. The objective of this conference was to foster research in the field of advances in Mechanical

National Conference at TKIET (NCRIME 2k18)



Engineering. It is expected to bring in eminent personalities from various areas of Mechanical Engineering on a common platform where they assemble and brain-storm for the purpose of holistic knowledge sharing. The exposure and the interactions during the conference are expected to open up many research areas for upcoming Post-graduate & Doctoral students as well.

During the Conference around 85 participants presented/participated their papers from all over country. The chief Guest for Inaugural ceremony was Dr. A. S. Deshpande, Principal GIT. Belgavi, Dr. M. S. Sohani, Prof. SIET Belgavi, Prof. P. K. Desai, President ISTE, New Delhi. They shared their valuable experiences about research and innovations going on in the country and abroad. Dr. D. G. Thombare, Prof. RIT, Sakharale, also delivered his keynote address.

Being a national event, it offered participation to the Engineering aspirants from various institutes throughout the nation. The participants not only presented their research work but also project ideas too.



Shree Warana Vibhag Shikshan Mandal's

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JIDNYASA- 2K18

The Institute has successfully organized one of the most awaited JIDNYASA-2K18, a National Level Projects/ models and Industry Problem Solver Competitions on 3rd March, 2018. About 800 students from all over the country presented their projects/ models and exhibited their talent to solve industry problems. The prize distribution ceremony was graced by the chief guest Hon'ble Arvind Surange , Founder president and president Emeritus, ISHRAE, Pune,

in the presence of Dr. S. V. Anekar, Principal & Chairman of organizing Committee, Prof. B. V. Birajdar, Principal Polytechnic, Prof. Narayan S. Dharashivkar, Convener, Dr. Marku Monis Coordinator Valedictory Function, Co-Conveners of Organizing Committee, HOD's, faculty and student volunteers & participants made the entire event a grand success.



UNNAT BHARAT ABHIYAN

TKIET, Warananagar and IIT, Bombay , CTARA Cell collaboratively working for Rural development, A flagship program of MHRD, Govt. Of India. Faculty and Students from Department of Civil Engineering representing TKIET, Warananagar are :Dr. D. M. Patil, Coordinator, Prof. V.M.Sanade, Member and Student members from Civil department.. Currently the department is working on submitting village development plan of five villages in Taluka: Shahuwadi , Dist. Kolhapur. The assessment of Jalyukt Shivar Abhiyan at Four villages in Taluka: Shahuwadi , Dist. Kolhapur is in progress.

PRADHAN MANTRI KAUSHAL VIKAS YOJANA

Prof. S. D. Bhopale (Co-ordinator) and Prof. P. V. Lokhande Worked as expert faculty under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) Government of India for the subject "Optical Fiber Technician" in Telecom Sector from Jan to March 2018 under Electronics Engineering Department.

DEPARTMENT ACHIEVEMENTS

- A MoU has been signed between Department of Computer Science and Engineering, TKIET, Warananagar and WALSTAR Technologies, Kolhapur to "Share the Technological expertise and Human Resources."
- CSE Department has awarded in top 20 by PLATINUM award in AICTE CII Survey in Academic Year: 2017-18.
- Initiated First FOSS Center in rural area by IIT, Bombay.
- A research project titled "Detection of Deformable object using part based model" by Prof. Kanishka N. Kamble has been sanctioned by Shivaji University, Kolhapur under Research Proposal Scheme (RPS). Sanctioned amt.: Rs. 65000/-.

FACULTY ACHIEVEMENTS AND AWARDS

- Prof. A. S. Todkar is selected as Member of 'Board of Studies- Mechanical Engineering', Shivaji University, Kolhapur.
- Ph. D. Dissertation Submitted by Prof. P. J. Patil on entitled " Dynamic Analysis of helical Gear using photo elasticity " to the VTU, Belgaum in February 2018
- Ph. D. Dissertation Submitted by Prof. M. R. Jadhav on entitled "Analysis of Surface Integrity of Al/SiC MMCs of Hot Machining" to the Shivaji University, Kolhapur in February 2018.
- Prof. K. I. Patil of Chemical Dept. has submitted Ph.D. Dissertation to Shivaji University, Kolhapur.
- Prof. R. B. Patil of CSE Dept. has been awarded by "MAHAMITRA" Puraskar from State Government at Mantralaya, Mumbai on 24/03/2018.
- Prof. R. B. Patil of CSE Dept. has been awarded as "Distinguished Asst. Professor" by Computer Society of India and "Best Outstanding Researcher award" by Top Engineers, Puducherry.
- Mr. Kanishka N. Kamble of CSE Dept. has registered for Ph.D. at Shivaji University, Kolhapur.
- Mr. P. B. Dehankar of CSE Dept. has registered for Ph.D. at VTU, Belgaum

STUDENTS ACHIEVEMENTS AND AWARDS

- A research paper was published by Patil Aishwarya B., Paymal Trupti M. , Ghadage Sneha H., Banchhode Girija R., entitled "Design, Fabrication and Thermal Analysis of Rotating Solar Boiler", in the International Journal of Advance Engineering and Research Development Volume 5, Issue 3, March -2018, pp. 1169-178.
- Mr. Makarand Patil of S.E.- B secured 2nd Prize in Poineer 2k18 held at KIT Kolhapur on 9th Feb. 2018
- Miss. Patil Aishwarya, Miss. Paymal Trupti, Miss. Sneha Ghadge, Miss. Girija Bansode B.E.-A Mech. secured 3rd Prize in Jidnyasa -2K18 Project Competition held at TKIET Warananagar, 3rd March 2018
- Mr. Pradip Patil, Mr. Ganesh Wadgaonkar, Mr. Prasad Dhage, Mr. Akshay Sutar and Mr. Sushant Gaikwad have been successfully qualified the GATE 2018 exam with valid GATE Score.
- Mr. Ranjit Mahadik (BE), 57th All India Rank in "WheeBox National Employability Skills Test".
- Mr. Vikas Pandikode from TE CSE had secured second prize in "SEED IT IDOL", Kolhapur.
- Miss Khade Rutuja Bhagat, Miss Patil Arati Uttamrao and Miss Shinde Manisha Manikrao have secured 1st prize in Basketball Lead College Sports Competition, Shivaji University, Kolhapur held at Sanjeevan Engineering & Technology Institute, Panhala.
- Mr. Aniket N. Deshmukh received 3rd prize on project "Hospital Database Management System" in Innovation 2k18 National Level Technical Event organized by S.I.T. Yadrav Feb 2018.
- Students from BE Electronics, Miss. Priyanka Kumbhar secured 2nd rank & Mr. Anil Bandgar secured 5th rank under all Electronics Engineering colleges under Shivaji University Kolhapur for academic year 2017-18.

Women Empowerment Cell

Guest Lecture on "Competitive Exams"

The Women Empowerment Cell organized a Guest Lecture on "Competitive Exams" on 25/01/2018 for Girl Students of TKIET. The guest speaker, Miss. Priyanka Hirave, TKIET Alumni delivered a very thought provoking talk on career guidance like how to face the interviews, guidelines to write CV. She also provided the information about UGC NET/MPSC, "Placement Interview Techniques", about the exams conducted by Banks, State and Central Government. Miss. Ishwari Swami of third year CSE proposed vote of thanks. Miss Ishwari Swami of third year CSE proposed vote of thanks.



Mechanical Engineering Department

Two day Faculty Development Programme

A Two Day Faculty Development Program on Heating Ventilation Air Conditioning and Refrigeration under Lead College activity was conducted on 30th and 31st January 2018. Prof. (Dr.) R. K. Srivastava, GEC Karad delivered a keynote address on "HVAC & Refrigeration: Current status and Future prospects". Prof. (Dr.) J. M. Kshirsagar MIT, Aurangabad spoke on the scope of Nano Particles and passive techniques in heat transfer with a presentation of his own research on "Enhancement of Critical heat flux using Nano Fluids". On the second day, a very informative session was delivered by Prof. (Dr.) B. S. Gawali, WCE Sangli explaining the need of providing Engineering solutions by using today's modern tools to the Society.



Chemical Engineering Department

Two days workshop on 'Corporate Training Program'

The Department of Chemical Engg. in association with Training & Placement Cell organized a Two days workshop on 'Corporate Training Program' on 19th & 20th Feb. 2018. The sessions were conducted by external trainer, Mr. Prashant M. Deshpande, Shift Manager, ADNOC, Borouge, Ruwais, UAE. It created awareness about the corporate sector. The training was organized for pre-final & 2nd year students. The 2nd year students have been selected through their personal interview by the department expert committee. An overwhelming limited batch of 30 students showed active participation & benefited throughout two days.



Student Development Program -"Process Modeling and Simulation"

A Student Development Program on "Process Modeling and Simulation in Chemical Process Industry" was conducted by Department of Chemical Engineering on 20th Jan 2018 to 4th Feb. 2018. It was graced by Prof. (Dr.) Sunil Kulkarni, Datta Meghe College of engineering and technology, Mumbai (Chef Guest) Mr. Akshay Patil, Concept Learning Center, Pune (Resource Person) in the presence of Prof. (Dr.) S.V. Anekar, Principal, TKIET, Prof. S. A. Desai HoD, and Mr. S. V. Kadoli (Conveyer/ Trainer). The SDP addressed the present improved equipment design and performance, Identify energy savings opportunities and reduce environmental emissions, Reduce costs and improve product quality by using Applications of Advanced software in Chemical Process Industry.

Computer Science & Engg. Department

Three Days Hands-on Workshop

A three days Hands-on Workshop on "Getting Started with IoT" under Lead college Activity Shivaji University, Kolhapur was organized for third year and final year students of Electronics and Computer Science and Engineering students from 16/03/2018 to 18/03/2018. The objective was to acquaint with the conceptual as well as practical knowledge of the Internet of things & latest technologies being used to achieve IoT. The resource persons Mr. Ajinkya Dixit (CEO, Aerobotix Tech Solutions Pvt. Ltd., Kolhapur) Ms. Sheetal Patil (Senior System Engineer, Square Robotics, Pune) and Mr. Utkarsh Deshpande (Deshpande Agricultural Automation Systems, Kolhapur) shared their insights, real life scenarios, practical use cases and their solutions on The Internet of Things- Hands on Development.



“Wireless Adhoc Network”

The Department of Computer Science & Engineering had organized Guest Lecture On “Wireless Adhoc Network” by Prof. Ajit S. Patil from KIT, Kolhapur on Thursday, 25/01/2018. This workshop was conducted under Computer Society of India (CSI) activity. Prof. Ajit S. Patil HoD, CSE at KIT, Kolhapur and Pursuing his Phd at Shivaji University, Kolhapur in Adhoc Wireless Network explained the importance of Networking and Wireless Adhoc Network and given tremendous knowledge regarding some important Open Source Software's like NS2, Packet Tracer and Ubuntu. More than 50 students attended the lecture.



Seminar On “Red Hat Linux”

Department of CSE organized seminar on “Red Hat Linux” under Computer Society of India (CSI) Student Branch on 14/02/2018. The Guest from Red Hat Bangalore Mr. P. Aneesh gave the detailed information about the Red Hat Linux, and importance of it. Further he also explained about job opportunities and career growth and different certification programs in Red Hat. Students were fully satisfied with the contents of every session.

Electronics Engineering Department

Workshop on “Getting Started with IoT”

One Week hands-on workshop on “Getting Started with IoT” was organized for training Electronics and CSE Students under Shivaji University Lead College Activity from 12 to 16 March 2018. Co-ordinator: Prof. S. D. Bhopale, No. of Participants: 62



Interaction of Mr. Rajesh Desai, CEO & Director, LYRA Network, Mumbai

The Guest of Honour and distinguished Alumni of Annual Social Function SPANDAN-2K18 and also Chief Guest of Alumni Meet 2k18, Mr. Rajesh Desai BE Electronics-1993, CEO & Director, LYRA Network, Mumbai, interacted and addressed staff & students of TKIET.

Civil Engineering Department

‘One Day Workshop by Ultratech India’

One day Skill Building Program for masons and students jointly done with CESA and Ultratech India cements on 27th June 2018, the motive of the program is not only the skill development of mason but also new materials and techniques are introduced to students by Mr. Mahesh Shinde, Technical head, Ultratech India, Kolhapur region.



Guest Lecture on 'GATE Preparation' by TIMES Hydrabad

A guest lecture by TIMES academy Hydrabad had been arranged for civil engineering students by CESA on 16th June 2018 regarding how to prepare for GATE exams. Mr. Pawan Kumar who was the Prime speaker of the event guided students of Third year and final year regarding new terms and techniques regarding preparations.

Innovation and Entrepreneurship Development Cell (IEDC)



'Entrepreneurship Awareness Camp'

In association with Maharashtra Centre for Entrepreneurship Development (MCED), Kolhapur, Three days 'Entrepreneurship Awareness Camp' was organized at TKIET Warananagar from Thursday, 8th February to Saturday, 10th February 2018. It was to make the students aware about entrepreneurship as a career choice, about business opportunities, about support system and to present them with a few role models in entrepreneurship. It was graced by the speaker and chief guest Prof. Anup Choudhary, CSIBER, Kolhapur. Around 100 students from various departments participated in this camp.

Mr. Sangram Patil, Managing Director, Marvelous Engineers Pvt. Ltd.

Mr. Sangram Patil, Managing Director, Marvelous Engineers Pvt. Ltd. Kolhapur shared his experiences with participants. During his speech he made the students aware about skills and qualities required to become a successful entrepreneur. Also he motivated students for bring out their creative & innovative latent competencies where ever they get an opportunity to do so. Mr. P. S. Patil, Manager HR Dept. interacted with the students about functioning of machine and gave brief information of company. It was coordinated by Prof. A.R. Chougale and Prof. D. S. Mane along with student volunteers



Career Development Cell (CDC)



Guest lecture on "GRE, TOEFL, IELTS"

A Guest lecture by Acheivers Academy Kolhapur was organised by Career Development Cell on 9th January 2018. They guided the students about the significance of GRE, TOEFL and IELTS. While discussing on his Institute profile, the speaker gave an overlook on getting admission in Top universities in foreign countries for doing Master of Science (MS) in foreign Countries for S.E and T.E students of Mechanical Engineering.

'Public Service Sectors' by GATE Forum Kolhapur

A Guest Lecture by Mr. Mandar Deshpande from GATE Forum, Kolhapur was organised by Career Development Cell on 3rd January 2018. He guided the students about the significance of GATE in IES and also PSU Exams. While discussing on his Institute profile, he gave an overlook on importance of GATE in Public Service Sectors (PSU) and IES in Government jobs for T.E students of mechanical engineering. Faculty from Mechanical Department coordinated the program successfully. It was attended by more than 100 students Eligibility.



Warana Science and Innovation Activity Center

Maths Day Celebration

Warana Science and Innovation Activity Center has been set up to make science learning fun for students, create scientific temper and inculcate a culture of innovation among schoolchildren. It organizes periodic science exhibitions by students in the region, competitions for students covering debates, quizzes, painting, science drama, innovative experiments, thematic projects, activity camps for students, training programmes for science teachers, parents and students for innovative communication of science and technology. The Maths Day Celebration recently organised is one among such activities of the centre.



Training & Placement Cell

Training & Placement Cell is committed to provide all possible assistance to its students in their efforts to find employment. Students from F.E to B.E are trained on various Skill enhancement programs like Aptitude, Soft Skills, Company Specific Training, Job Oriented Certification programs & Hands-on workshops etc. 50+ Companies were provided to students one amongst with Highest pay package of 9.16LPA. Few of our recruiters ByJu's, Black and Veatch, TCS, Capgemini, Bosch, Berger Paints, Galaxy Surfactants, Tata Motors, Amazon India, Zopper India, Webtech Developers, Hexaware Technologies, Unikaihatsu, Acty Systems and many more. As a result 210+ students were able to be placed in various companies. Remarkable achievement of TKIET students is Mr. Bhushan Choudhari from Mechanical was able to get placed into Byju's with Highest Package of 9.16LPA. Institute is continuously working to make its students globally competent & employable through dynamic training and placement cell.

Glimpses of Training & Placement Activities



Pre-Placement Talk by Team
Technimont Private Limited, Mumbai



Students Attending Interview



Students Group activity



HR Interview



Recruitment Team Felicitation



HR Meet at TKIET

Journal Publications by Faculty

- K. I. Patil, S. V. Anekar, Experimental study of Stability of oil in water emulsion, Asian Journal of Convergence in Technology, ISSN: 2350-1146, Vol—02, Issue – 03, Pp.706-713 (Jan 2018)
- K. I. Patil, S. V. Anekar, Laminar Flow Heat Transfer Augmentation by using Insert', International Journal of Advance Engineering and Research Development, ISSN - 2348 – 4470, Vol-05, Issue-02, Pp. 539-545 (Feb 2018)
- D. G. Chougule, Prof. A. S. Mali, "Distribution Substation Monitoring System Using Lab View", International Journal of Electronics Engineering, (ISSN: 0973-7383) ,volume 10, issue 1, pp 01-04, Jan 2018.
- D. G. Chougule, Prof. A. S. Mali, "Smart Stick for Blind Person Assisted with Android Application and Save Our Souls Transmission", International Journal of Electronics Engineering, (ISSN: 0973-7383), volume 10, issue 1, pp 79-83, Jan 2018.
- D. G. Chougule, Prof. A. S. Mali, "Transformer Parameters Monitoring and controlling System using Matlab", International Journal of Electronics Engineering, (ISSN: 0973-7383), volume 10, issue 1, pp 88-90, Jan 2018.
- B. T. Salokhe, Prof. A. S. Mali, "Automated Unified Trolley System for LPG Leakage Detection with Safety Measures and Refill Booking", International Journal of Electronics Engineering (ISSN: 0973-7383), volume 10, issue 1, pp 74-78, Jan 2018.
- B. T. Salokhe, Prof. A. S. Mali, "Theft Intimation of Electrical Power over SMS", International Journal of Electronics Engineering (ISSN: 0973-7383), volume 10, issue 1, pp 38-42, Jan 2018.
- D. G. Chougule, Prof. A. S. Mali, "Substation Monitoring System Using Lab View". International Journal for Research in Applied Science and Engineering Technology, ISSN No. 2321-9653, Impact factor: 4.895, volume 10, issue 1, pp 2238-2243, Jan 2018.
- G. N. Kanade, "Use of Industrial waste as cost effective material for maintenance of flexible pavement", International Journal of New Technology and Research, Vol-04, Issue-01, Jan 2018.
- G. N. Kanade, "Energy Optimisation of Building using designed buildar software" Vol-03, Issue-02, Feb2018
- G. N. Kanade, "Partial replacement of bottom ash from burnt coal for improving factor of safety of earthen dam", International Journal of Science and Engineering Development Research, Vol-03, Issue-5, May 2018.
- S. Mali, "Tensile Strength Testing for Foundry Sand Bricks", International Journal of Electronics Engineering. ISSN No. 0973-7383, Impact factor: 5.942, volume 10, issue 1. pp 28-30, Jan 2018.
- Ganesh V. Patil, Image Optimization Using Dynamic Load Balancing, Int. J. of Knowledge Engineering and Data Mining, 2018 Vol.5, No.1/2, PP-68-89
- Sachin A. Urabinahatti, Manjunath R. Hudagi, Efficient deduplication using hadoop, International Journal of Latest Trends in Engineering & Technology, Volume 10, Issue 3, May, 2018, Pp-236-238
- Sachin A. Urabinahatti, Manjunath R. Hudagi, International Journal of Latest Trends in Engineering & Technology, Volume 10, Issue 3, May, 2018, Pp-239-243
- P. B. Dehankar, Hydrocarbon Feedstock from Castor Oil, Asian Journal of Convergence in Technology, ISSN: 2350-1146, Vol—02, Issue – 03, (Jan 2018)
- Santosh D. Bhopale, "QoS based Enhancement in Routers for Next Generation Network (NGN)", International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) at Priyadarshini Engineering College, Tamil Nadu on 28-29 Jan 2018.
- P. V. Lokhande, "IoT Based Patient Monitoring System", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Journal, ISSN (online):2278-1021, ISSN (print):2319-5940, Impact factor: 6.66, vol.7, issue 5, pp.274-280, May 2018.
- Prof. A. B. Patil, "Partial replacement of bottom ash from burnt coal for improving factor of safety of earthen dam", International Journal of Science and Engineering Development Research, Vol-03, Issue-5, May 2018.
- K. I. Patil, S.V.Anekar, 'Heat Transfer Augmentation of flowing fluid in Double pipe heat exchanger', National Conference on Recent Innovations in Mechanical Engg.(NCRIME), 23rd -24th March 2018, TKIET, Warananagar.
- P. B. Dehankar, V. A. Bhosale, 'Application of a Cavitation reactor as a novel approach in Chemical & Bio-Chemical Engineering – A review', National Conference on Recent Innovations in Mechanical Engg.(NCRIME), 23rd -24th March 2018, TKIET, Warananagar.
- Ganesh V. Patil, Image Retargeting using Dynamic Load Balancing Based Parallel Architecture, International Conference Soft Computing and Signal Processing.