



REFLEX TKIET

NEWS LETTER



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JIDNYASA-2K19



'A National Level Project & Industry Problem Solver Competition:Jidnyasa-2K19', under lead college activity (Shivaji University, Kolhapur) was successfully conducted at TKIET for students of all type of professional institutes/colleges, on 16th March 2019. During this competition, various industry experts, judged the student's projects as well as solutions provided by students on industrial problems. For Industrial Problem Solver competition various live problems from industries were invited and given to student participants for solution. The participants had presented effective solutions to these problems in front of representatives of industries who have offered problems. In total 624 participants from 28 technical institutions participated for Jidnyasa 2k19. Prizes worth Rs. 72,000/- were awarded to the winners of Project and Industry Problem Solver competition.



Shree Warana Vibhag Shikshan Mandal's

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A NATIONAL LEVEL PROJECT & INDUSTRY PROBLEM SOLVER COMPETITION



The Competition was inaugurated by Dr. S. V. Anekar (Principal T.K.I.E.T), Prof. A .G. Patil (Convener Jidnyasa-2K19 & HOD CSE), Prof. R. V. Kajave (Co-Convener Jidnyasa-2K19 & Lead College Co-coordinator), Prof. M. V. Jadhav (Co-convener, Jidnyasa-2K19) and students' conveners along with respective Heads of Department and faculty advisors. The valedictory and prize distribution ceremony was conducted in the presence of Dr. Vasanti Rasam (Administrative Officer of Shree Warana Vibhag Shikshan Mandal, Warananagar). The Chief Guests for the function were Hon. Shri. Sandeep Deshmukh (Vice President-Delivery Head, Zensar Technologies, Pune) and Mrs. Neha Deshmukh (Dy. Commissioner Sales Tax (GST), Pune.) For this function Rtd. Major Chandrasen Kulthe (Director, Armed Forces Preparatory Institute) was present as a special guest of honor



GLIMPSES OF ALUMNI ACTIVITIES SILVER JUBILEE ALUMNI MEET -1994 BATCH

TKIET organized a Silver Jubilee grand get-together of 1994 Alumni batch under the leadership of Mr. Nayankumar Chopade, Mr. Manjul Bhasin & Mr. Jagadish Patel (BOS) where in 57 odd alumnus came together of the same batch on 11th and 12th July 2019 at TKIET to cherish and nourish their nostalgic memories, and to relive their rich experiences and the glorious golden days spent in this campus. In order to make it a memorable day several interactions with students & faculty were held and also mementos were exchanged as a token of love & remembrance. It was well coordinated at TKIET by Prof. B. R. Bagane, Alumni coordinator & team TKIET.



VISIT OF ALUMNI DR JATIN MEHTA AND MOU

Dr. Jatin Mehta alumni of the Electronics batch of 1987 visited TKIET on 1-and 16th Feb.2019. He interacted with the students; guiding them, encouraging them and motivating them by sharing his experiences, industry requirement and also his success stories for the future bright career prospects of students. The significant aspect of his visit was signing MOU with TKIET for providing monetary assistance to needy students in the form of: Rs. 15,00,000 for TKIET Digree students, Rs. 15,00,000 for TKIET (Polytechnic), Rs. 15,00,000 for T K college of Pharmacy Rs. 15,00,000 for TKC Pharmacy (Diploma), Rs. 15,00,000 for TK Dental college every year annually for the forthcoming 10 long years.





FIRST INTERNATIONAL ALUMNI MEET, DOHA, QATAR

TKIET's first overseas Alumni Meet was coordinated at Doha, Qatar on 29th March, 2019. Forty four TKIET'ians who are working in Qatar, Planned the Meet under the leadership of Prashant Kalantre at Doha, Qatar and Prof. B. R. Bagane from TKIET where in 27 Alumnus attended the Meet. From India Prof. B. R. Bagane, Prof. V. M. Shete & Satyajeet Bhonsale (Chem. 96 – GM Reliance Petrochemical and Jio) attended the Meet & guided the deliberations



BEST OUTGOING STUDENT AWARD

Mr. Pratik Mane won the "BEST OUTGOING STUDENT OF THE YEAR" award for the academic year 2018-19, declared during Annual Social Function. He outperformed eight other contestants to bag this scintillating award. He along with his parents was felicitated during the ceremony for achieving this feat. In the presence of Hon. Shri Sandip Deshmukh CEO, Zensar, Principal Dr. S. V. Anekar, Prof. B. V. Birajdar, Dr. A. S. Todkar were the dignitaries present on the dais.

FACULTY ACHIEVEMENTS, HONOURS AND AWARDS



Dr. Vivek Shete

Dr. Vivek Shete has been awarded with Ph.D on 25th Feb. 2019, from Kalinga University, Kotni, Naya Raipur (Chhattisgarh) for his Thesis entitled "Study and Analysis of Perpetual Pavement Design in Civil Engg. Construction" under the guidance of Dr. Gopal. V. Mulgund.



Dr. M. R. Jadhav

Dr. Mahesh R. Jadhav has been awarded with Ph. D on 4th May 2019, from Shivaji University, Kolhapur, for his Thesis entitled "Analysis of Surface Integrity of Al/SiCp Metal Matrix Composites in Hot Machining" under the guidance of Dr. U. A. Dabade

- ⇒ Faculty registered for Ph.D.: Prof. V. A. Bhosale at VTU, Belgaum, Mr. S. U. Patil at MIT WPU, Pune and Mrs. S. S. Patil at Shivaji University, Kolhapur in the academic year 2018-19.
- ⇒ Dr. M. S. Dhuttargaon (Production), Dr. M. R. Jadhav (Production) & Mr. M. V. Jadhav (Design) obtained recognition as a Post Graduate teacher from Shivaji University, Kolhapur in Mechanical Engineering.
- ⇒ Mr. P. B. Dehankar – awarded FIRST at AVISHKAR 2018-19 Research Project Competition at Shivaji University Level.
- ⇒ Mr. S.S. Matsagar successfully completed CCNA and CCNP-ROUTE certification in February month.
- ⇒ Mr. P. V. Lokhande received Letter of Appreciation from IIT Bombay for spreading awareness and holding software training workshop at TKIET Warananagar association with the Spoken Tutorial IIT Bombay as part of National Mission on Education through ICT funded by MHRD, Govt. of India, May 2019.

GUEST LECTURES, WORKSHOPS AND DEPARTMENT EVENTS

Department of Chemical Engineering

Systematic Skill Development Program

Chemical Engineering Department organized a Four days workshop on 'Systematic Skill Development Program (AutoCAD P & ID Training)' on 11th to 14th Feb. 2019. Mr. Sachin Patange, DESIGN CENTRE, Pune was the external resource person for the workshop. Basic aim of this workshop was to create awareness, utilization & application to chemical engineering design. The workshop was organized for pre-final year Chemical Engg. students. Overwhelming response with about 36 students actively participated & benefited from the program. Prof. V. A. Bhosale & Prof. P. B. Dehankar coordinated the event.



AVEVA PDMS & AVEVA P ID Workshop

A Student Development Program under lead college Shivaji University on "3D Plant Modeling using AVEVA PDMS & AVEVA P ID" was successfully conducted from 09th to 14th Feb. 2019. There were two esteemed external resource persons; Mr. Akshay Patil, SAR Process Engg., Pune & Mr. Nikhil Kulkarni, Signassure, Pune who enlightened the participants. PDMS software is used to create the Equipment Application, Piping Application, Civil and Steel Structure Application, Cable Tray Application, HVAC Application, 2D Draft Application and many more. PDMS is a primary software used in designing of the Plants. Prof. P. J. Patil & Prof. S. V. Kadoli worked as internal workshop resource persons and workshop coordinators.



Department of Civil Engineering

A Guest Lecture on Cement Manufacturing & use of White Cement.

Department of Civil Engineering in Collaboration with CESA organized a Guest lecture on Cements Manufacturing and use of White Cement by Er. Mukund Deshpande (Sr. Manager JK Cements) and Mr. Nishant Shaha (Sr. Manager CTS, JK Cements) for all students and staff of Civil Engg. Deptt. on 7th Jan. 2019. Total three hours session was conducted covering manufacturing old grey cement and use of white cement. It was found to be very informative and useful for all.



Guest Lecture on 'Jalyukt shivar abhiyan' by Mr. Sagar Mane

Department of Civil Engineering in Collaboration with CESA organized a Guest Lecture on 'Jalyukt shivar abhiyan' on 16th March 2019. The very interesting and knowledgeable lecture by Mr. Sagar Mane, Sarpanch, Jakhkle Village, created awareness amongst the young students of today to make them responsible citizens of tomorrow.





Software Qcad & BLENDER Workshop in association with IIT, Bombay

Civil department conducted Three weeks Students Software Training courses in association with IIT, Bombay viz. QCAD and BLENDER for SE to BE Civil Students. The workshop was planned to impart skills related to Installation, awareness in open source software's and basic commands through Spoken Tutorials. At the end on 16th, 17th and 19th Oct 2019 online test was conducted and successful students received certificates from IIT, Bombay. It was a Workshop coordinated by Prof. J. S. Patil and Prof. I. A. Mursal.

Department of Electronics Engineering

Workshop on "3 D Printer"

One day hands-on workshop on "3 D Printer" was organized on 29th January 2019 for training Electronics Engineering students by the resource person Mr. Raviraj Karade & Mr. Prashant Powar, who enlightened the students on 3 D Desinging, Rapid Prototyping, Robotics ARM Development Karad. It was Co-ordinated by Prof. B. G. Warvante, where around 50 participants took advantage of it.



Parent- Teacher Meet 2019

Electronics Engineering Students Association (EESA) organized "Parent-Teacher Meet 2019" on 2nd February 2019. Around 40 Parents were present for meeting. The main purpose of meet was to create a common platform, where teacher and parent come together to enrich the students' educational experiences and discuss variety of issues, regarding all round development of students. It was co-ordinated by Prof. B. G. Warvante

Computer Science & Engineering Department

Three Days FDP on "Machine Learning Using Python"

A three days Faculty Development program on "Machine Learning Using Python" under Lead College Activity Shivaji University, Kolhapur was successfully conducted at TKIET, for participants of CSE dept. on 18th March 2019 to 20th March, 2019. During these three days, a industry expert/trainer shared his insights, real life scenarios, practical use cases and their solutions on Machine Learning Using Python. The resource person Mr. Aniket Thorave, Trainer, Mitu Skilllogies, Pune explored the ideas in more detail about how to apply Machine Learning Algorithms in real world.





Hands on workshop on “Python, Angular and Docker”

The Department of CSE under CSI organized hands on Workshop on “Python, Angular and Docker” from 5th and 6th January, and 12th January 2019. The resource persons were Mr. Sudhir Sapkal, Full Stack Developer, Tech Blogger, Motivational Speaker and Mr. Vikram Shityalkar, Technology Architect at Raykor Technologies Pvt. Ltd., Pune. The objective was to provide Basic knowledge of ‘Python’, ‘Angular’ and ‘Docker’ as it has the potential to be the abstraction layer that easily manages containers running on top of any type of server, regardless of whether that server is on Amazon Web Services, Google Compute Engine, Linode, Rackspace or elsewhere.

One Day Workshop on “Problem Solving using C language”

The CSE Dept. under ACES had organized One Day Workshop on “Problem Solving using C Language” on 14/02/2019. The students from SE and TE participated in the workshop. The resource person, Dr. S. A. Thorat, Professor, RIT, Islampur interacted with the students on four topics in which he discussed the problem statement and the answers. The topics were: Basics of C, Storage Classes, Pre-processor Directives, Pointers This workshop cleared the approach of students towards the C problem statements.



Department of Mechanical Engineering



S.Y. B. Tech Syllabus Setting Workshop

Mechanical department arranged one day workshop on “S.Y.B.TECH syllabus setting” based on CBCS pattern, under the guidance of Shivaji University Kolhapur on Feb.24. The dignitaries present for this workshop were Mr. Ramesh Hegade, plant head Bill tube India Ltd, Dr. A. T. Pise, Chairman, Board of studies Shivaji University Kolhapur, Dr. S. H. Sawant, Principal, J. J. Magdum college of Engineering, Jayasingpur. Syllabus revision of about eighteen subjects was carried out in the presence of sixty participants on this occasion. It was coordinated by Dr. N. S. Dharashivkar.

Interaction with the Alumni

During the occasion of Alumni Meet held on 19th January, 2019. Several Alumni of the department interacted with students of SE and TE classes who benefited from their experiences, expertise & knowledge shared by the respected alumni. Alumni members also interacted with faculty members for the various issues like training to students, communications, placement scenario, MOU’s and some of them are agreed to share their personal expertise with students as a matter of guest lectures.





Parent -Teacher Association Meet

Department organized PTA meet on 2nd Feb 2019 for SE Mechanical class. Around 114 parents attended & interacted with staff members who appreciated departments' endeavors for their wards, also suggested certain measures for career development. Some parents were honored by Hon. Principal for their ward's success in the last university examination. Hon. Principal & HoD addressed with their valuable speeches. The parents were made aware about of various activities of the Deptt. too. The meet was Coordinator Dr. A. S. Todkar, Prof S.S. Patil and supported by department staff.

“3D Printing workshop” by Mr. Raviraj Karale

Innovation and Entrepreneurship Development Cell organized “3D Printing workshop” by Mr. Raviraj Karale, Manager Rio 3D printing cell, Karad on 28th Aug 2018, in order to make the students aware about 3D printer and hand on experience. IEDC coordinator Prof A.R. Chougule, and other 21 faculty were present for this workshop.



GLIMPSE OF TRAINING & PLACEMENT ACTIVITIES



Mrs. Keerti Jagdale , HR ZenSoft Services Pvt. Ltd,Pune & Mrs. Mariamma Dokka Head Recruitment Team ZenSoft Services Pvt. Ltd,Pune, Prof. S.T.Patil TPO TKIET, Prof. R.T.Salunkhe TPC Mechanical Engineering at Pool Campus Drive.



Pre-Placement Talk by Mrs. Deepal Zaveri HR Unikaihatsu Softwares Pvt Ltd, Mumbai



Training Program on Problem Solving and Critical Thinking by Mr. Ruturaj Hajare O2 Breathing Brains Sangli



Onkar Jangam & Abhijit Kale bagged FIRST Prize in Project Competition, IChE Chapter, CSIR lab NCL, Pune on 21th June 2019, guided by Prof. N. H. Shinde.



NIT Kozikode Best B. Tech Project Award

NIT Kozikode Best B. Tech project award was won by Civil Engg. students of TKIET. The team consisted of Puja Aldar, Vinayak Kokate, Ruth Shinde, Ketan Gaikwad and Rushikesh Jadhav; project guided by Prof. S.B.Patil; bagged the award during the valedictory function of 21st ISTE Students National Convention held on 29th & 30th January, 2019 at L.D. College of Engineering, Ahmedabad (Gujarat) at the hands of Prof. P. K. Desai, President, ISTE and Prof. Vijay D. Vaidya, Secretary, ISTE.

JOURNAL PUBLICATIONS BY FACULTY

- ⇒ P. B. Dehankar, V. A. Bhosale, K. I. Patil 'A Simulation Approach towards Material Balance of Methyl Acetate in Reactive Distillation Column Using Aspen plus', Journal of Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, Vol—06, Issue – 03, (March 2019) PP 253-261
- ⇒ Abhijit S. Mali, "Automatic Meter Reading of Electricity Power Consumption by Using Power Line Communication". International Journal of Current advance research. ISSN: 2319-6505, Volume 8, Issue 05, May 2019. PP 18527-18529
- ⇒ Abhijit S. Mali, "Raspberry pi and Image Processing based Road Traffic Enhancement and Waste Management". International Journal of Electronics Engineering, ISSN :0973-7383, Volume 11, Issue 2 June-Dec 2019, PP 245-260
- ⇒ A.V. Hankare, "Stabilization of Expansive soils of Sub grade by using M- Sand" International Journal of Science & Engineering Development Research (IJSER), ISSN: 2455-2631 Volume 4 Issue 4, June 2019
- ⇒ A.V. Hankare, "Effective Utilization of Rain Water Harvesting Technique To Reduce Scarcity of Water for Nimshirgaon Village Kolhapur Dist. Maharashtra, India" International Journal of Science & Engineering Development Research (IJSER), ISSN: 2455-2631 Volume 4 Issue 6, June 2019
- ⇒ A. B. Patil, "Effect of Traffic Congestion & its Proper Solution for Karad City" International Journal for Scientific Research & Development (IJSRD), ISSN: 2321-0613 Volume 7 Issue 4, June 2019
- ⇒ A. B. Patil, "Effective Utilization of Rain Water Harvesting Technique To Reduce Scarcity of Water for Nimshirgaon Village Kolhapur Dist. Maharashtra, India" International Journal of Science & Engineering Development Research (IJSER), ISSN: 2455-2631 Volume 4 Issue 6, June 2019
- ⇒ P. B. Kolekar, "Effective Utilization of Rain Water Harvesting Technique To Reduce Scarcity of Water for Nimshirgaon Village Kolhapur Dist. Maharashtra, India" International Journal of Science & Engineering Development Research (IJSER), ISSN: 2455-2631 Volume 4 Issue 6, June 2019
- ⇒ P. B. Kolekar, "Stabilization of Expansive soils of Sub grade by using M- Sand" International Journal of Science & Engineering Development Research (IJSER), ISSN: 2455-2631 Volume 4 Issue 4, June 2019
- ⇒ V. M. Sanade, "A Research Paper on JalyuktShivarAbhiyan Assessment & Design" International Research Journal of Engineering and Technology (IRJET) ISSN: 2395-0072 Volume 6 Issue 6 June 2019
- ⇒ A. S. Todkar, P. J. Patil, "Experimental & FE Analysis for Comparative Bending Stress Analysis of Cosine Gear & Involute Spur Gear", Aayushi International Interdisciplinary Research Journal, Feb. 2019
- ⇒ A. S. Todkar, P. J. Patil, "Experimental & FE Analysis for Comparative Bending Stress Analysis of Cosine Gear & Involute Spur Gear, International Conference on Energy, Environment & Ethics, February 2019, at YCWM
- ⇒ Ganesh V. Patil, Image Retargeting using Dynamic Load Balancing -Based Parallel Architecture, Journal: Advances in Intelligence Systems and Computing (AISC), Springer
- ⇒ S. B. Patil. "Experimental Study on Bond Strength of GFRP Bars" International conference on Recent Advances in Composite Materials, ScienceDirect MaterialsToday at IIT Bhubaneswar. Feb 2019
- ⇒ R.B. Patil, Constraints handling in CIT using multiobjective Crow search and Fruitfly optimization, Journal: Springer Soft Computing.