



Reflex TKIET



NEWS LETTER

Bi-Annual News Letter

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43rd ISTE National Annual Convention



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43rd ISTE National Annual Convention was held at TKIET on 19th -21st December 2013. It was dedicated to the theme '**Empowering the Technical Education to Address the Sustainability and Global Competitiveness**'. Hon. Shri. Rajeshji Tope, Minister, Higher and Technical Education, Maharashtra was chief guest for the inaugural function. In his address, he expressed the need of new policies at national and state level for the development of the technical education in India on the canvas of changing global scenario. He showed the fret about global competitiveness in front of Technical Education in India and guided about how to tackle these challenges. Hon. Shri. G. D. Patil, Secretary, SWVSM, Warananagar, delivered welcome speech on this occasion. Dr. R. Murugesan, President, ISTE, New Delhi shed light on the objectives of the 43rd convention and importance of the theme. Hon. Shri. Vinayraoji Kore, MLA, President, SWVSM, Warananagar, was the president for the program. Dr. S. V. Anekar, Principal, addressed the gathering and expressed the gratitude towards ISTE for giving TKIET the honour of hosting such a prestigious and mega event. Shri. Pratap Desai, Vice President, ISTE, Shri. G. Rangnath, Vice President, ISTE, Shri. G. Basil Gnanappa, Ex. Secretary, ISTE, Shri. R. P. Singh Suker Chakia, Treasurer, ISTE, Dr. R. Hariharan, ISTE, Prof. Mahesh Kakade, Chairman, ISTE Goa and Maharashtra Section, Dr. Ramesh Unnikrishnan, Director, AICTE Western Region, Mumbai were present for the program. Prof. T. S. Jangam, Organizing secretary, ISTE Convention offered vote of thanks. Around 1000 delegates and faculty across the country registered for the grand event and took part in various activities of the convention.

Shree Warana Vibhag Shikshan Mandal's
(Celebrating Golden Jubilee Year)

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Highlights of 43rd ISTE Convention



Flag hoisting by Dr. R. Murugesan, President, ISTE in the presence of several other dignitaries



Homage to Late Shri. Tatyasaheb Kore, founder father and chief architect of Warana movement



Address by Chief Guest, Hon. Shri. Rajeshji Tope, Minister, Higher and Technical Education, M S



Release of Souvenir of papers during the inaugural function at the hands of Dr. R. Murugesan.



Dr. K. P. Isaac, Secretary, AICTE, receiving ISTE technical award



Three technical sessions were conducted to share the views of authors about their papers.



Research papers presentation by the participants on various sub themes of the convention



Executive council members' meeting presided over by Dr. R. Murugesan



Valedictory Function presided over by Dr. R. Murugesan, ISTE President



Best project award winners were honoured during the Valedictory Function



Entertainment program for the participants by world renowned 'Warana Childrens' Orchestra'



Delicious and sumptuous dinner served to the ISTE participants and guests

"EUREKA 2K13" - "TECHNOCUBS".



Eureka 2k13 is a National Level Technical paper presentation competition. It was conducted on 21st September 2013. Around 1000 students participated in this program from Maharashtra, Karnataka & Goa state. Students presented papers in eight different branches with several innovative ideas. Around Rs. 50000/- given to prize winner students along with trophy and certificate of merit. Chief guest for main function was Shri Ramesh C. Khanna (General Manager- New Projects, Kirloskar Pneumatic Co. Ltd; Pune.) and Chief Guest for Prize Distribution ceremony was Shri Ramesh Hegade (Plant head, Billtube, Warananagar)

CHEMICAL ENGINEERING DEPARTMENT

A national Level Technical Paper Presentation Competition Eureka-13 was organized by the Department of Chemical Engineering on 21st Sept. 2013. More than 30 technocrats from various institutes participated and presented their ideas. The technocrats from BATU, Lonere, PVPIET, Budhgaon, DKT, Dr. D. Y. Patil, Kolhapur, TKIET Warananagar, University Department of Chemical Technology, Shivaji University, Kolhapur, Finolex Institute of Management Ratnagiri participated in the Competition. Technocrats from TKIET, won the first prize, Participants from DOT, Kolhapur got the second prize and third prize won by participants from FMT, Ratnagiri.

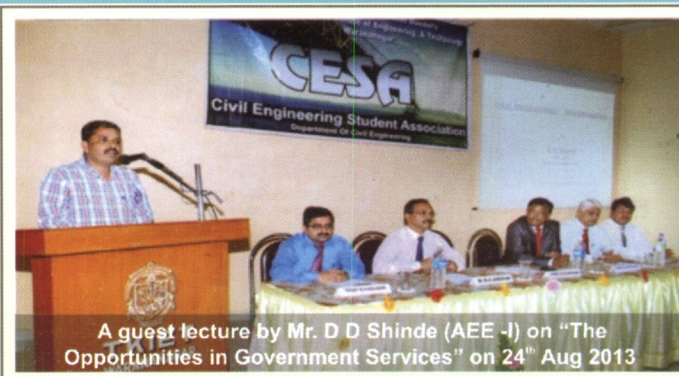


Department of Chemical Engineering has organized Two Days Hand on Training session for TE and BE students on "Software's used in Chemical Industry" During 7th and 8th Aug 2013. A Young and Dynamic alumni Mr. Sandeep Gundap was a resource person for this program. More Than 80 students from BE and TE took benefit of the Program. This Program was well co-ordinated by Prof. S.T.Patil and Mr. D. P. Deshpande. He also spoke about various carrier prospects and areas of research in the Field of Chemical Engineering. It was actively participated and well appreciated by the students and faculty.

CIVIL ENGINEERING



A Guest Lecture on "Scope of Technical Education" by Dr. Bhimraya Metri, Professor, Operations Management MDI, Gurgaon on 29th July 2013



A guest lecture by Mr. D D Shinde (AEE -I) on "The Opportunities in Government Services" on 24th Aug 2013

MECHANICAL ENGINEERING DEPARTMENT

The inaugural function of Mechanical Engineering Students' Association [MESA 2013-2014] was held on 19th July, 2013. Dr. Madhav Raul, Head-Training & Placement, College of Engineering, Pandharpur was the Chief Guest. He guided the students about their role in the training and placement activity along with how to prepare for the campus interview. Dr. S. S. Joshi, Vice Principal, TKIET Warananagar and Prof. N. H. Hanmapure, Head of Mechanical Engineering Department were present on the dais. Prof V. N. Mane, faculty adviser, coordinated the program successfully.



MESA organized the guest lecture on 31st July, 2013 on the subject, 'Creativity awareness among the students'. The guest for this function was Prof. C. P. Murgudkar, Kolhapur. He guided all SE, TE and BE mechanical students about what is creativity through examples of famous creators, innovators and inventors. The Chief Guest interacted with the students and gave general information about the topic. They were stimulated, encouraged, and motivated to be innovative in whatever they do.

ELECTRONICS ENGINEERING DEPARTMENT



Inaugural function for EESA and Fresher Function for SE Electronics engineering students was held on 29th July 2013. It was conducted under EESA. The Chief Guest Dr. S. R. Chougale, Principal, Bharthi Vidyapeet's College of Engineering, Kolhapur inaugurated the event in the presence of Dr. S. V. Anekar Principal and Prof. S. S. Patil, HOD Electronics. The Chief Guest addressed the students of the entire electronics branch. On the same day the fresher function for SE Electronics engineering students was organized.

A Guest lecture on ISRO was organized on 15th September 2013. It was conducted under EESA. The eminent speaker Mr. Sandesh Mane, who is an alumina of Electronics Department, now working as junior scientist in ISRO addressed the students. He delivered lecture on recent projects and the working environment at ISRO. He had also taken mock interview for B.E students.



COMPUTER SCIENCE & ENGINEERING DEPARTMENT

The Department of Computer Science & Engineering organized Two Days Workshop On "Open Source Technologies (PHP, PYTHON & UBUNTU LINUX)" conducted on 4th & 5th Sept. 2013 by Mr. Krishnakant Mane from IIT, Mumbai, who has more than 10 years of experience in technologies (computer languages) like Java, Python, PHP and various Database systems. This workshop was conducted under CSI (Computer Society of India) activity. More than 150 students from different colleges participated in this workshop. Mr. Krishnakant Mane explained the importance of Free Open Source Softwares and gave tremendous knowledge regarding some important Open Source Softwares like PHP, Python and Ubuntu.



The Department of Computer Science & Engineering conducted webinar series of 'Articulation Skill' under Infosys Campus connect for students as well as faculties on 27th Nov. 2013. This webinar helped to improve the soft skills of students and faculties as per industry standard concern. During the inaugural session of the webinar Dr. S. V. Anekar, Principal TKIET, encouraged and motivated the faculty to learn maximum from the series.

INFORMATION TECHNOLOGY DEPARTMENT



"Nascent 2k13", One week College Level Technical Symposium was organized from 30/08/2013 to 05/09/2013 under IIIT Student Association. The event included activities such as Group Discussion, Peptalk, Aptitude Test and the like. The event was coordinated by Ms. A. A. Topai with the help of Student Coordinator, Mr. Suraj Bhoite. Several students from all the seven branches of the institute participated in this Event. It was a grand Success.

A Half Day Workshop on "NPTEL and Classle" was organised on 05/09/2013. The event was coordinated by Shri. K. K. Awale and Shri.N. B. Jadhav. It was conducted under ISTE and IIIT. Students and Staff from the institute of all the seven branches participated in this workshop and obtained maximum inputs for themselves.



BIO-TECHNOLOGY DEPARTMENT



Biotechnology innovators and Technocrats Society (BITS), organized a Guest Lecture on 'Innovation and Technocrats' by Mr. Amit Vaidya, Lecturer, from department of production Engineering KIT College, Kolhapur on 2nd Sept. 2013. A very inspirational speech about innovations, technology now-a-days and its pros and cons were shared. Inauguration of elected Committee members from BITS a Departmental organization was also done during the occasion at the gracious hands of Shri. V. J. Pachupate, HOD in the presence of Mr. Amit Vaidya, Guest of Honor, Dr. S. S. Joshi, Vice Principal and the student committee president and representatives Mr. Swapnil Sutar, Mr. Kaustubh Patil and Mr. Pratik Patil.

APPLIED SCIENCE DEPARTMENT

A three day Faculty development programme in "Engineering Physics" was organized by department of Applied Sciences (Physics) on revised syllabi of Engineering Physics from 3rd July to 5th July, 2013. There were 20 participants from various Engineering colleges affiliated to Shivaji University, Kolhapur. Dr. C. H. Bhosale, Professor & Ex Head, Department of Physics, Shivaji University, Kolhapur, graced the function as a Chief Guest in the presence of Principal, Dr. S. V. Anekar, Dr. S.S. Joshi, Vice Principal, Prof. P. B. Patil, HOD, Applied Sciences Dept. and Prof. M. B. Kuppanatti, Associate Professor in Engg. Physics. Convener, Dr. A. V. Patil welcomed and coordinated the event.



"First year Engineering Students' Association" FESA was formed for the First time in our Institute and was inaugurated on 6th September, 2013.

Following activities are conducted during this year by FESA
 2) Inaugural lecture by Dr. P. J. Kulkarni, Director, WCE, Sangli, 2) Quiz Competition, 3) One day Soft Skill Training by Globarena Technologies Pvt. Ltd, Hyderabad, 4) Pep-Talk Competition, 5) Aptitude Test, 6) Felicitation of FE I rankers (>70 %)

Faculty Achievements

- Prof. N. S. Hanamapure bagged First Prize by ISTE GSFC National Award for Best M. Tech Thesis in Mechanical Engineering, for 'Design & Development of Solar Assisted Bicycle'.
- 16th ISTE National award First prize for the B.E. project of title "Onion & Garliac Harvesting Machine" submitted by Tembore S.T. under the guidance of Prof. K. D. Joshi
- Prof. B. T. Salokhe and Mr. P. V. Lokhande bagged 3rd prize in paper presentation competition, held at National Conference on 'Emerging Trends in Engineering and Technology', BVCOE Kolhapur, on 3rd Oct 2013.
- Under the able project guidance of Prof. R. V. Kajave, B.E. students of Civil Dept., Amol O. Golatkar, Bharat N. Bhumbhar, Shalivan R. Bhosale, Harish N. Laddha, Dhanashri V. Asabe bagged Best B. Tech. Project Award (Civil) for project titled 'Floating Concrete', by ISTE, 16th ISTE Students National Convention, Periyar Maniyammai University, Vallam, Thanjavur, Tamilnadu, on 27th Sept. 2013.

1	Prof. N. H. Shinde	"Microwave assisted extraction of essential oil from lemon leaves", International Journal of recent Scientific Research, vol. 4(9), Sept. 2013. ISSN 2249-8974.
2	Prof. J. K. Shinde	"Study of Fluidized Bed Gasifier" international journal of advanced research and studies, July-Sept. 2013, ISSN 2249-8974.
3	Prof. S. A. Desai	"Carrier free Immobilization of glucomylase and pullulahase as combi-CLEAS" in Royal Society for Chemistry 2013, volume (3), pp 2265-2271
4	Prof. D. P. Deshpande	"Hydrocarbon liquid from Castor oil" <i>Res. J. Engg. Sci</i> Vol. 3(1), 1-8, July (2013), ISSN: 2319-1414
5	Prof. S. V. Kadoli	"Adsorption of basic dyes from aqueous solution using HCL treated saw dust" in Research journal of Chemical science, vol 2, pp 6-16, Aug. 2013, ISSN: 2319-1414
6	Prof. D. P. Deshpande Prof. P. B. Dehankar	"Assessment of Accidental Releases Heavy Gas Dispersion from Chemical Industries Varying Wind Parameter" International Journal of Advance and Applied Research (IJAAR)" Vol. 1(2), Nov Dec 2013, ISSN 2347-7075
7	Dr. S. S. Joshi	1) "Comparative study of production of wine from Cocos nucifera, International Journal of Advanced Biotechnology & Research, Vol. 4, Issue 2 Pp. 274-279, ISSN: 0976-2612
8	Dr. (Mrs) V. D. Patil	"Studies on electrochemical performance of microbial fuel cell based on dairy waste for energy conversion", International Journal of Chemical Sciences and Applications, Vol.4, Issue 2, 2013, Pp. 111-115, ISSN-0976-2590
9	Prof. Marku Monis	'Problems and Prospects of Teaching of English to Technical Students in India', in Galaxy: International Multidisciplinary Research Journal, {Monthly}, Volume-2, Issue-6, Pp. 1-7, Nov. 2013. (ISSN: 2278-9529) www.galaxyimrj.com
10	Dr. S. S. Desai	On Quasi-transitive rationality of fuzzy choice functions, New mathematics & Natural computation, March 2014, Vol. 10, No. 01, pp. 91-102 ISSN -1793-0057
11	Prof. S. S. Patil	1) "Design and Implementation of Fuzzy logic controllers for DC Motor based speed control using MATLAB GUI Application", IJERA Nov Dec 2013, ISSN- 2248-9622. 2) "AFruit Quality Management System Based on Image Processing" , IOSR Journal Of Electronics and Communication Engineering, ISSN : 2278-8735.
12	Prof. N. S. Hanamapure Prof. A. B. Bachche	"Wind Energy Utilization for generation of Electricity on an Automobile", International Journal of Engineering and Innovation Technology, Vol. 2, Issue 7, Dec 2013, pp. 187-190
13	Prof. N. S. Hanamapure Prof. Sunil N. Yadav	"Analyze the effect of slip angle on fatigue life of wheel rim of passenger car by using Radial Fatigue Testing", International Journal of Innovative Research in science, Vol-2, Issue 9, Sept. 2013, IJRSET, pp. 4309-4318.
14	Prof. N. S. Hanamapure Prof. Sunil N. Yadav	"Evaluate effect of pressure Angle on Root Stresses of Helical Gear Using Photo elasticity", International Journal of Innovation Research And Engineering, Vol. 2, Issue-9, 2013, pp. 1-9.

15	Prof. N. S. Hanamapure Prof. Pradeep Pawar Prof. V. R. Gambhire	"Initial Failure of Lubricating oil pump shaft", International Journal of Innovative Research in science, Vol-3, Issue 4, Oct. 2013, IJIRSET, pp. 503-508
16	Prof. A. S. Todkar Prof. G. S. Kamble Prof. M. S. Sohani Prof. R. B. Nikam	"Effect of Vibration on EDM process", International Journal of Engineering And Innovation Technology, Vol. 3, Issue-2, 2013 ISSN-2277-3754, pp. 270-275.
17	Prof. A. S. Todkar Prof. G. S. Kamble Prof. M. S. Sohani Prof. R. B. Nikam	"Vibration assisted EDM process", International journal of scientific and engineering research, Vol. 2, Issue 3, 2013, ISSN-2229-5518, pp. 172-182
18	Prof. A. S. Todkar Prof. V. V. Doijad Prof. A. B. Rabade	"Design, Development and testing of Bent Axis Piston Pump", International Journal of Application or Innovation in Engineering and Mangement, Vol 2, Issue 12, Dec 2013, ISSN2319-4847, pp. 236-240.
19	Shri. Bhagwan B. Patil	'Technical Education in 2020: Challenges & Opportunities' in Conference Proceedings, Dec. 2013, pp. 17, ISBN: 978 93 5142 315-7
20	Prof. S. R. Shetake	"Automated Electricity Bill Generation by Extracting digital Metre Reading using Back Propagation neural Network for OCR" in International Journal of Engineering Research and Technology, IJERT ,Vol-2,Issue-11, pp 1348-1350, Nov.2013, ISSN:2278-0181.
21	Prof. V. J. Pachupate Prof. S. G. Ghorpade	"Screening potential of bacteriophages against pathogenic bacteria of banana plant", Bionano Frontier, Vol. 6, Issue-3, Sep 2013.

Training and Placement Cell

- ❖ Under campus commune TCS conducted code vita competition for final year students on 2/8/ 2013. 425 students Registered And 23 students qualified for the second round.
- ❖ The training by O2 breathing Brains Sangli Conducted for 10 days during the period of 3rd to 25th August 2013.
- ❖ Guest Lecture by Lavale Nandkumar, Mrudil Sharam, Yogesh Patil, CR Bridge, Pune, on Skill development for corporate culture conducted on 6/8/2014 for TE CSE IT and Electronics students.
- ❖ Aptitude training of final year students (50) was conducted by resource person Mr. Sannir Kitture
- ❖ Five days Communication Skills improvement program was conducted by T & P Cell for BE students. Resource persons were Prof. Marku Monis, Mr. Soham Lolge and Shri. Bhagwan Patil from 20/9/2013 to 24/9/2014.
- ❖ Mock Interview was conducted 25/9/2013 by Mr. Dharyshil Patil, Alumni, selected in TCS.
- ❖ An interaction session by Dr. Madhav Raul, TPO of Pandharpur was arranged by T & P cell to motivate and guide final year students, on 19/7/2013.
- ❖ An interaction with Prof. Dhaigude, TPO of Walchand College, Sangli was arranged by T & P Cell to motivate and guide final year students on 9/8/2013.
- ❖ Department wise mock interviews were conducted by T & P Cell (CSE, IT, Eln, Mech.)

Faculty Upgradation

- Prof. P. V. Mulik registered for Ph. D in Mechanical Engineering at VTU, Belgaum.
- Prof. C. P. Shinde completed M.E in Electronics from Shivaji University Kolhapur.
- Prof. Pradip Kumar V. Lokhande completed M.E in Electronics from Shivaji University Kolhapur.
- Prof. R. V. Kajave completed M.Tech. Env. Sci. and Tech in Civil Engg.
- Prof. S. R. Shetake completed ME in Information Technology (IT).

Book Publications

Dr. S. S. Joshi, "Engineering Chemistry" Publisher- Nirali Prakashan Pune, 1st Edition, Sept. 2013, ISBN:978-93-83525-68-3