



Reflex TKIET

NEWS LETTER



Bi-Annual News Letter

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REFLEX - TKIET is a bi-annual news letter of the institute. Each issue reflects and highlights the major activities, events and achievements of various departments and cells of a period of 6 months at a glance.

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JIDNYASA - 2K13

With an objective of providing the platform for student innovators to present their projects /models, TKIET organized JIDNYASA - 2K13, a National Level Project and Industry Problem Solver Competitions on 5th April 2013. Near about 752 students from all over the country presented their Projects models and exhibited their talent to solve industrial problems. ISTE, New Delhi, Reliance, Mumbai, Menon and Menon, Kolhapur, NTT Data, Pune, Excel Industry Ltd., Kolhapur contributed to organize Industry Problem Solver and the entire event.



Mr. Sanjeev G. Patil, Vice President (Strategy), Privi Organics Ltd., Mumbai was the Chief Guest for the function. The program was inaugurated in the presence of Hon. Shri. G. D. Patil Secretary, SWVSM, Warananagar and Dr. S.V. Anekar, Principal, Mr. Milind Sawant, NTT DATA, Pune, was present for



the valedictory function and award distribution ceremony. Prof. V.R. Gambhire was convener of the event. Prof. K. I. Patil, Prof. G. S. Kamble, Prof. R. V. Kajave and Prof. S. D. Bhopale coordinated the entire function successfully.



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

TATYASAHEB KORE INSTITUTE OF ENGINEERING AND TECHNOLOGY

WARANANAGAR-416 113, Tal. Panhala, Dist. Kolhapur, Maharashtra, India.

Phone : 02328 - 224012, 224013, Fax : 02328 - 223507

Email : principal@tkietwarana.org/tkietwarana@yahoo.com Website : tkietwarana.org

IIT Workshops at TKIET

Database Management Systems & Aakash for Education

An ISTE workshop on Database Management Systems was held from 21st to 31st May 2013. It was inaugurated by Hon. Shri. G. D. Patil Secretary, SWVSM, Warananagar in the presence of Dr. S. V. Anekar, Principal, TKIET, Warananagar. Prof. A. S. Mali was the co-ordinator for the event. It was funded by the National Mission on Education through ICT (MHRD, Govt. of India). It was conducted by IIT Bombay online. There were about 50 faculties who participated in it. During the sessions participants successfully worked on mini projects on DBMS as suggested by the resource person of IIT- Bombay.



Aakash Android Application Programming

Workshop for Students was held from 23rd - 24th Feb 2013 and 2nd-3rd Mar 2013. The workshop was funded by the National Mission on Education through ICT (MHRD, Government of India). Some of the topics covered in the workshop were Android Apps Programming, Getting Started with Android Setting up Eclipse for Android Software Development, Android Building Blocks Layouts and UI Control., Android Application Resources, Introduction to Animation and Graphics, Data Storage, Web Application Development & so on.

Eureka-2k13

'EUREKA-2K13' a national level technical symposium was held on 12th Feb 2013 at T.K.I.E.T. Warananagar. Eureka is a technical paper presentation competition. There was a huge response for the event. Over 500 students from more than 40 colleges in Maharashtra and other states participated in the event. The event was inaugurated by Hon. Shri G. D. Patil, Secretary SWVSM, in the presence of Principal, Vice Principal, Registrar and all the Heads of the Departments. The conveners, Prof. B. V. Birajdar and co-conveners Prof. A. R. Chougule Prof. A. T. Sonale who made the event a grand success.



Parent Teacher Association

Parent teacher Association Meet of the academic year 2012 -2013 was organized on 9th March 2013. The Chief Guest was Shri. Sanjiv Chandorkar, Bank Manager IDBI. More than 125 parents of F.E. to B.E. students attended the function and participated in the deliberations and discussions so as to improve the career prospects and teaching learning process of the students. It was organized by Dr. S. S. Joshi, PTA coordinator along with the Principal, HODs, Cell in charges and the faculty of the institute.

Departmental Events

Mechanical Department



Guest lecture on 'Innovative Techniques' was organized by the MESA on 29th January 2013. Prof. B. D. Kelkar from Pune was invited as resource person to guide the participants. More than 150 engineering students from T.E. and B.E. classes attended and well appreciated the lecture. The program was successfully coordinated by Prof. V. N. Mane under the guidance of Prof. N. S. Hanmapure, Head of Mechanical Engineering.

One day workshop was organized on the subject "Teaching Methodology in M. E. Mechanical (Design Engg.): Revised syllabus", on 30th January 2013. Fourteen faculty from different institutes participated in it. The program coordinator, Prof. E. N. Aitavade highlighted the need of workshop and also recalled the major revisions which were done earlier in the syllabus setting. Dr. S. V. Anekar, principal, enlightened on the current PG scenario. He also guided about the comprehensive viva in ME Mech (Design Engg.). Prof. N. S. Hanmapure, Head of Mechanical Engineering appealed the participants to come up with the common guidelines in the teaching methodology.



Civil Department



A one day workshop on 'Quality Construction' in joint collaboration with Warana Bazar, Warananagar and ACC, Cement Company was organized on 4th April, 2013 for practicing Engineers, Contractors and Students. Near about 150 participants attended the workshop obtained valuable information and knowledge on the subject. Mr. Sharad Mahajan, General Manager, Warana Bazar was the Chief Guest and Hon. Shri. G. D. Patil, Secretary, SWVSM, Warananagar was the president of the function. The other dignitaries on the occasion were: Mr. Venkatesh Kulkarni, Sr. Executive, Sales and Mr. Aslam Mulla, Chief Manager, Customer Service, ACC Ltd., Principal Dr. S.V. Anekar and Prof. B. V. Birajdar, HOD, Civil Engg.

Departmental Events

Chemical Department

A national Level technical Project Exhibition and Industrial Problem Solving Competition was organized by the Chemical Engineering Dept. on 5th April 2013. More than 30 technocrats from various institutes participated and presented their idea. 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 National event. Technocrats from TKIET, Warananagar won the first prize, Participants from DOT, Kolhapur got the second prize & third prize was won by participants from BATU, Lonere.



The Chemical Engineering Dept. organized an Expert lecture on "Challenges in the field of Public Sector" for S.E., T.E. & B.E. students of the Chemical Engineering department. Mr. Prashant Patil, PSI, Gadchiroli, a dynamic and inspirational personality was the resource person who guided and motivated students on the occasion. He also spoke about various career prospects and areas of research in the Field of Public Sector. It was actively participated and well appreciated by the students and faculty.

Electronics Department

An ISTE workshop on Analog Electronics was held from 4th to 14th June 2013. The workshop was funded by the National Mission on Education through ICT (MHRD, Government of India). It was conducted by IIT Bombay online. There were about 40 faculty who participated and obtained knowledge of the same. During the session they launched OSCADE tool, a open source EDA tool for circuit design, simulation, analysis and PCB design. It was successfully coordinated by the HOD Electronics, Prof. S. S. Patil with the assistance of Remote center coordinator. Shri. N.B. Jadhav.



Sports

During the year, our students have proven their excellence in the various National, State and University level sports tournaments held at various places. The Annual sports day was conducted on 04/04/13. Mr. Sumit Jadhav B.E. Biotech and Mr. Shankar Lendave from B.E. Information Technology won the Best Sportsman Award (BOS).

Departmental Events

Computer Science & Engg. Department

"Seminar on Soft Skill by Infosys Expert"

Association of Computer Engineering Students had organized a seminar on soft skills by Infosys experts in association with T & P cell of CSE. Mr. Anuj M Jaju and Manas Tyagi of Infosys campus connect Pune division conducted a seminar on soft skill for all the TE students of CSE, IT and Electronics on 5th February, 2013. There was also a meeting held for all the HOD's and Infosys experts about the development of students and faculty.

"Android Application Development Workshop"

Departmental student association "ACES" had organized a two days workshop on Android application development in association with Virscent Technology Pvt. Ltd and IIT Bombay. Our college had represented as a zonal center for the main event at IIT Bombay-Padarth'13. In this event more than 40 students of our college and other colleges had participated.

Information Technology



"Industrial Problem Solver 2k13" One day National Level Technical Symposium Jidnyasa 2k13 was arranged on 5th April 2013 under IIIT Student Association. Chief Guest Mr. Milind Sawant, Connect Consultancy Services, and his team gave the industrial problems and evaluated it. The event was coordinated by Ms. A. A. Topai with the help of Student Coordinator Mr. Omkar Vaidya. Students from the various institutes participated in this Event. It was a grand Success.

Bio-Technology

Department of Biotechnology had arranged a 3 days hands on Workshop on Chemoinformatics and Insilico Drug designing on 23rd to 25th March 2013, under ISTE student's chapter. Particular attention was devoted to the concepts and use of software for, Drug Target Interaction, Lead Discovery, Functional analysis, target modeling and Docking. Eminent personalities from NCL, Karunya University, Tamil Nadu and DRC, Hyderabad were the invited speakers for the workshop.



Staff gathering



"Snehamelava" a staff gathering of the entire sister institutes of SWVSM Warananagar was organized on 10th Feb. 2013. It is a day where faculties of all the institutes come together, eat together, enjoy together by participating and exhibiting their unique and hidden talents in various fields. During the day different activities were held like inaugural function, Antakshari, Art and craft exhibition etc. culminated with the cultural program in the evening. The Chief Guest was the renowned Dr. Yashwant Patane, Satara. During the mainfunction as per the tradition the most outstanding performers from teaching and non teaching faculty were honoured and awarded.

Winner of Horizon-2K12



TKIET bagged First prize in all professional college magazine competition for the academic year 2011-12. The Chief Editor of HORIZON 2K12, Prof. B. T. Salokhe, supporting staff Prof. P. V. Lokhande and student editor Mr. Swapnil Patil received a trophy and certificate at the gracious hands of Hon'ble Pro-Vice-Chancellor Prof. (Dr.) N. J. Pawar. Together with, 9 students of TKIET received individual prizes for their different articles.

Alumni

Mr. Koushik Ghosh (Civil 2001 Pass out) working at Arrow Electronics Pvt. Ltd., United States visited TKIET, on 4th and 5th Feb, 2013 and had an interaction session on career guidance to T.E. and B.E. Civil & IT students. During his session he touched on some of the issues like: Requirements from students as a professional, Behavior at work and culture, Technical Knowledge and skill Requirements, IT Professionals and their work, market awareness and job availability at Abroad. It was very informative & need based to the Civil as well as IT students.



Forth Coming Events

Birth Centenary of Late Shri. Tatyasaheb Kore (2013-14)

Warana is a model cooperative Industrial and educational complex which has a fully dedicated and committed leadership in **Late Shri. Tatyasaheb Kore**, a committed philanthropist, the founder father and the Chief architect of this beautiful and a magnificent township. It is an honour to celebrate the '**Hundredth Birth Anniversary**' of a great visionary and a Pioneer of **Warana Co-Operative and Educational Complex**.

अमर रहे.....अमर रहे.... Long live Late Shri. Tatyasaheb Kore अमर रहे.....

Golden Jubilee Year of S.W.V.S.M. (2013-14)

With the golden idea of preparing the mass to march towards 21st century, to make them self reliant, economically sound, culturally rich and morally upright, **Shree Warana Vibhag Shikshan Mandal took its birth in 1964**. Today, as it '**celebrates its Golden Jubilee Year**' of inception it boasts of creating a "**Campus with a difference**" that meets practically all the national and international benchmarks stipulated for achieving the world class academic excellence. There is about 1000 teaching staff, who impart quality education to a huge number of around 15,000 stakeholders from KG to PG, in various educational institutions within its portals.

43rd ISTE Annual Convention

A mega event of 43rd ISTE National Annual Convention will be held at TKIET, Warananagar from 19th, to 21st Dec. 2013. The main theme of convention is "**Empowering Technical Education to address Sustainability and Global Competitiveness**". It is aimed at bringing all the eminent personalities in the technical field on common platform to share their views, experiences and to find solutions for the challenges in the field of technical education in India.

Journal Publications by Faculty

1	Prof. N. S. Hanmapure 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 2012, pp. 187-190 (ISSN: 2277-3754)
2	Prof. S. T. Patil Prof. V. A. Bhosale	'Removal of As(III) from drinking water by using oyster shell' in NCETETA-13 Organized by Dr. D. Y. Patil College of Engg and Tech, Kolhapur dated on 29 th Jan 2013
3	Prof. S. S. Patil	'Intelligent learning of fuzzy logic controller via neural network and genetic algorithm', IOSR Journals of Eln and Communication Feb22-23, J.J.Magdum College of Engg., Jaysingpur ISSN-2278-2834 ISBN:2278-8735
4	Prof. B. T. Salokhe	'Design and simulation of circular microstrip antenna with DGS for WLAN applications ^{2nd} international conference, An Emerging Trends in Engineering' ,ICETE-2013, Feb 22-23,J.J. Magdum College of Engg. ,Jaysingpur ISSN-2778-2834
5	Dr. V. D. Patil Prof. D. B. Patil, Prof. M. B. Deshmukh Prof. S.H. Pawar	'Electricity generation in Microbial fuel cell (MFC) by using mixed microbial culture with synthetic medium' International Journal of Advance Research, IJOAR .org ISSN 2320-9119 Volume 1, Issue 1, January 2013, Online: ISSN 2320-9119
6	Prof. E. N. Aitwade Prof. H. V. Shete Prof. P. R. Mali Prof. V. S. Tagare	'Kinematic Design of a Variable Pitch for Actuator Mechanism for IC Engine', International Journal of Scientific and Engineering Research, Vol 4,Issue 3, March2013, pp 1-5 (ISSN-2229-5518)
7	Mr.. Marku Monis Dr. M. V. Rodriques	'Errors in Syntax Made by Engineering Students in the Written Composition' in 'Asian Journal of English Studies', Vol.2, Issue-2, April 2013. (ISSN 2277-3606) http://www.iasepune.org
8	Mr. Marku Monis Mr. Rathan R Kamble	'Race and Identity in Hari Kunzru's 'The Impressionist' in 'CRITIC: an International Multi-Lingual and Multi Subject Research Journal' Vola.2, Issue-1, Pp. 49-52,March 2013. (ISSN : 2277 2340)
9	Mr. Mali. A.S	1) 'Simulation and implementation of BPSK system using Xilinx System Generator', IOSR Journals of Eln and Communication 22-23 Feb,J.J.Magdum College of Engg. Jaysingpur ISSN-2278-2834 ISBN:2278-8735 2) Simulation , implementation and Analysis of BPSK system using Xilinx System Generator', International Refereed Journal of Engineering and Science (IRJES) Jan 2013.
10	Mr. D. P. Deshpande	1) 'Study on Biodiesel production from linseed oil using Transesterification reaction' In NCE TET-13 Organized by PVPIET, Budhgaon on 18 th Feb 13. 2) 'Removal of As (III) from drinking water by using oyster shell' in NCETETA-13 Organized by Dr. D.Y. Patil College of Engg. and Tech, Kolhapur dated on 29 th Jan 2013.
11	Mr. R. T. Salunkhe Mr. G. S. Kamble	'Inventory Control and Spare Part Management through 5S, KANBAN and Kaizen at ABC Industry', IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),Vol. 13, May 2013, pp 43-47 (ISSN: 2278-1684)

12	Prof. N.S. Dharashivakar Prof. P. R. Patil Prof. K. D. Joshi	'3-Dimensional Experimental And Finite Element Stress Analysis of C.I. Wedge of Sluice Valve', Machine Design, Vol.5(2013) No.1, ISSN 1821-1259 pp. 57-60
13	Prof. A. S. Todkar Mr. A. M. Patil	'Experimental and FEA of left side Lower Wishbone Arm of Independent Suspension system', IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Vol. 7, Issue 2, May 2013, pp 43-48 (ISSN: 2278-1684)
14	Prof. M. R. Todkar Prof. P. B. Kadam	'Improvement in Design and Manufacturing Process of Multiple Spindle Drilling Attachment', IOSR Journal of Engineering, Vol. 3, Issue 1, 2013, pp 38-43 (ISSN: 2278-8719)
15	Mr. A. D. Dhanawade	Design, development and Productivity Analysis of Multi spindle Drilling Machine with Changeable Heads For Productivity Improvement', International Journal of Advances in Management Technology, Engineering and Science, March 2013 ISBN:2778-8735'
16	Mr. D. P. Deshpande	'Conversion of Waste Frying Oil into Valuable Product Using Oscillatory Baffled Reactors (OBRs)' in International Journal of Engineering Science and Innovative Technology (IJESIT) Volume 2, Issue 2, March 2013, ISSN: 2319-5967
17	Mrs. A. A. Thorat	'Implementation of Fuzzy logic system for DC motor using microcontroller' International journal of Engineering Research and Technology(IJERT).March 2013 ISSN-2248-9622
18	Mr. Harsha. C. J	'Simulation and implementation of BPSK system using Xilinx System Generator', IOSR Journals of Eln and Communication 22-23 Feb,JJmagdumcollege of Engg ISSN-2278-2834 ISBN:2278-8735 International Refereed Journal of Engineering and Science (IRJES) Jan 2013
19	Mr. S. D. Hanwate	'Simulation and implementation of BPSK system using Xilinx System Generator', IOSR Journals of Eln and Communication 22-23 Feb,JJmagdumcollege of Engg ISBN:2278-8735 ISSN-2278-2834 International Refereed Journal of Engineering and Science (IRJES)Jan 2013
20	Ms. R. R. Naik	'Tamper proof Electronic voting machine Implementation on FPGA.in IJERT, Feb 2013 ISSN -2278-0181,Vol 2,Issue 2 'FPGA Implementation of Hardware task Management Strategies in IJART, Feb 2013ISSN-2278-7763 Viterbi algorithm for error detection and correction. 2 nd international conference, An Emerging Trends in Engineering', ICETE-2013,22-23, Feb,J.J.Magdum College of Engg. ,Jaysingpur ISBN:2278-8735,pp 60-65
21	Prof. Bhagwan B. Patil	'Urban Waste to Energy' in Blind Reviewed Conference Proceedings, ISBN: 978 93 5722 200 - 3, pp. 20 29, March 2013.
22	Prof. B. G. Warvante	'Wavelet based fingerprint liveness decision, 2 nd international conference, An Emerging Trends in Engineering', ICETE-2013,22-23 Feb,J.J.Magdum College of Engg., Jaysingpur ISSN-2278-2834 ISBN:2278-8735