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Workshop on Intellectual Property Rights (IPR)



Research and Innovation Cell (RIC) in collaboration with Innovation and Entrepreneurship Development Cell (IEDC) organized a three days' workshop on Intellectual Property Rights (IPR) from 25th February to 27th February, 2020. The workshop was inaugurated by Hon. Dr. (Mrs.) Vasanti Rasam, Administrative Officer, SWVSM, Warananagar. Total 60 students (UG & PG) and 41 faculty members from TKIET participated in this workshop. During this workshop resource person Mr. Sagar Pol (Assistant Controller of Patents & Designs, Patent Office, Mumbai) discussed topics viz. Patents, Patent Drafting, Designs, Trademarks, Geographic Indications, Copyright, Trade Secret, Design Registration etc.. In addition to this, Mr. Pol also discussed different job opportunities available in Patent Office and exams to be cleared to obtain these jobs and shared his views about importance of research and commercializing and protecting output of research with knowledge of IPR.



Shree Warana Vibhag Shikshan Mandal's

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Graduation Day Ceremony



S.W.V.S.M. organized its second graduation day ceremony at the TKIET premises on 3rd March 2020, which was graced by Chief Guest, Prof. Dr. P. S. Patil, HOD School of Nanoscience and Technology, Shivaji University Kolhapur, Representatives of Shivaji University Kolhapur, Prof. Dr. A. M. Gurav, Dean, Faculty of Commerce and Management, SUK., and Prof. Dr. P. S. Pandav, Deputy Registrar, Special Cell, SUK., Hon. Dr. (Mrs.) Vasanti Rasam AO, SWVSMW, Dr. S. V. Anekar, Principal TKIET, Dr. (Mrs.) S. B. Shapure, Principal YCWMW, Dr. John Disouza, Principal TKCP, Dr. Tejas G Patil, Principal TKSM, accompanied by Chief examination Officers, Meritorious students, Student Secretaries, HOD's, Registrars and the recipients of graduate degree.

Annual Social Function 2020



The 37th Annual Social function was held on 28th February 2020. It was graced by the auspicious presence of Hon. Mr. Sachin Dole Deputy Collector, Solapur as the Chief Guest, accompanied by Distinguished Alumni, Hon. Mr. Prashant Raibagi GM, Praj Industries, Pune, Mr. Shivprasad Sakarphe Deputy GM, Commins, Dr. (Mrs.) Vasanti Rasam, Administrative Officer, SWVSM, Warananagar, Dr. S. V. Anekar Principal, Prof. B. V. Birajdar, Principal Polytechnic, Prof. C. P. Shinde., Coordinator of Annual Social Function 2020, Mr. Pratik Jadhav, Cultural Secretary, Mr. Sachin Khot Sports GS, Mr. Mayur Vedhpathak NSS Secretary & and other dignitaries. During the function eminent personalities addressed the students & audience.

NDA Success of Mr. Limaye Eshan Dnyaneshwar



A felicitation program was organized by FESA for the landmark achievement of Mr. Limaye Eshan Dnyaneshwar, F.Y. B.tech student, associated with the AFPI, who successfully cracked the NDA examination. The function was graced in the cheerful presence and address by Dr. (Mrs.) Vasanthi Rasam, Administrative Officer, SWVSM, Warananagar, Dr. S. V. Anekar, Principal, Major C.V. Kulthe (Director, AFPI), Dr. D. N. Mane, FY B Tech Chief Coordinator, Dr. Marku Monis, FESA Advisor, Dr. A V Patil, Admission Incharge, Miss. Abha Thakre, and Mr. Chinmay Gurav, FESA student presidents

Glimpses of Training & Placement Activities

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, Verbal, Non-verbal communication, logical reasoning etc. Company Specific Training programs are delivered to update students on recent trends & technologies. Job oriented Certification programs & Hands-on workshops, Campus to Corporate Transformation Program help students to build competencies. 81+ Companies were provided to students one among is Jaro Education offered a Highest pay package of 12.00LPA. Few of our recruiters are Infosys, Cognizant, Qualitia, Instazen, ByJu's, Black and Veatch, Jaro Education, TCS, Wipro, Capgemini, Bosch, Berger Paints, Galaxy Surfactants, Maire Tecnimont, Amazon India, Raja Software Labs, Webtech Developers, Hexaware Technologies, and many more. As a result 240+ students have been placed in various companies. Remarkable achievement of TKIET is few of our Students got placed with pay package of 12:00LPA. More than 120 students got salary package of 3:00LPA & above. Institute is continuously working on to make its students globally competent & employable through dynamic Training and Placement Cell activities.



Pre-Placement Talk by Mr. Kaushik Das, HR Marie Tecnimont, Mumbai



Felicitations of Recruitment Team from Techniche Engineering Private Limited, Pune during Campus Drive



Campus interview by Finolex Industries Ltd, Ratnagiri



Campus Drive By: Vinati Organics Pvt Limited, Chiplun

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 under Lead College Activity at TKIET, from 04th to 06th February 2020. Around 100 students from various departments participated in this camp. Resource person Mr. Rajshekhar Shinde guided the students as to Why Entrepreneurship? Qualities of Entrepreneurship; Identification of business opportunities etc. while Mr. Ravindra Khaire put light on Schemes of assistance and support available from Govt. agencies, banks, financial



institutions, SFCs etc. Financial aspects of SSI unit including salient features of a project report etc.

GUEST LECTURES, WORKSHOPS AND DEPARTMENT EVENTS

Department of Mechanical Engineering

Guest Lecture on Ethics & Behaviour Pruning for industry

'Mechanical Engineering Students Association' organized Guest Lecture on "Latest trends in Recruitment, Ethics & Behavior pruning required for the industry" on 14th of January, 2020. The Guest speaker Mr. Veeshwajeet Kashid, working as an Application Architect in Artificial intelligence from EXFO SOFTWARES, Pune (HQ-Canada) interacted with around 180 students where he highlighted aspects like need of soft skills, nurturing good ethics and behavior patterns. Prof. P. J. Patil T&P Officer, Dr. N. S. Dharashivkar, MESA Faculty Adviser and SY Btech and TE Students attended the presentation.



Guest Lecture on "Electrical Vehicles"

MESA, 'Mechanical Engineering Students Association' organized Guest Lecture on "Electrical Vehicles" by the guest speaker Mr. Anand Thakar from CAD CAM Guru, Pune on 15th of January, 2020. He interacted with students related to Electric Vehicles; viz., conventional internal combustion engine vehicles & their advantages, reduced emissions that contribute to climate change and smog, improving public health and reducing ecological damage. EVs are often more digitally connected than conventional vehicles, with many EV charging stations providing the option to control charging from a Smartphone app. and the like.



Guest Lecture on "Recent Trends in Machine Tools"

A Guest Lecture on "Recent Trends in Machine Tools" was organized on 30th of January, 2020. The Guest speaker Mr. Nagraj Hamilpure, Executive Officer IMTMA Technology Centre Pune interacted with around 70 students of TE about the scenario of Machine tools in Current Market. He highlighted about IMTMA Technology Centre and How this centre help the students to get jobs in reputed company, the courses conducted for the students for getting jobs, the fees structure of each courses and also keeping the industry abreast with the latest technology, developments and best practices in the machine tool industry.



Department of Computer Science & Engineering

Third Year B.tech Syllabus Revision (CBCS) Workshop

Computer Science and Engineering department arranged one day workshop on "T.Y. B.TECH Syllabus Revision" based on Choice Based Credit System, under the guidance & collaboration of Shivaji University Kolhapur on 14th January 2020. The dignitaries present for this workshop were Mr. Vinod Maid, Chief Guest, Senior technical Officer Net Cracker Pune, Dr. D. V. Kodavade, BOS Chairman, SUK, Dr. S. V. Anekar, Principal, TKIET, Mr. Nidheeshdas Thaorath, CEO Thourat systems Pvt. Ltd. Kerala, Alumni Representative, Prof. A. G. Patil HOD CSE, the Resource persons of respective subjects; Prof. Anil R. Surve, WCE, Sangli, Dr. Jyoti N. Jadhav, DYP CET, Kolhapur, Prof. Ajit S. Patil, KITCOE, Kolhapur and 34 other faculty members. It was coordinated by Prof. Anil S Phalle.



Alumni interaction with CSE students

On the occasion of Alumni Meet organized on 18th January 2020 around 31 alumnus of CSE attended the meet and interacted both with staff as well as students and shared their point of view towards career in IT. Mr. Prithviraj Shewale narrated with the students about his experience in college as well as in career. Some others opined their suggestion

regarding developments for the Department. Mr. Pratap Patio, CEO Walster Technology assured to recruit students from TKIET to his organization. Another alumnus Nidhisdas Thourat assured to establish MoU with Thourat systems, Kerala. Mr. Rohan Suryawanshi has expressed his interest in career Counseling and guidance to students. During the department interaction Dr. S. V. Anekar, principal, Prof. A. G. Patil HOD CSE and other faculty were present.



Quiz, Coding and Rapid Fire of C Programming Event (C PRO)

The C Pro competition event was divided into 3 rounds viz., Quiz Round, Coding Round and Rapid Fire Round. The event was solely organized by the students. On the first day, Quiz round was taken and some students were qualified for the next round. On the next day, remaining two rounds were taken. Some students shortlisted from coding round and those students participated in the rapid fire round. At the end results were declared. Winner of the competition were Pramod Bhosale, Onkar Magdum and Aishwarya Huddar respectively.



Ph. D. Award to Prof. G. V. Patil

Prof. G. V. Patil, from Computer Science & Engineering has been awarded with Ph. D on 8th February 2020 from Visvesvaraya Technological University (VTU) RRC, Belagavi, for his thesis entitled "Ranking based dynamic load balancing algorithm" with the Domain name 'Distributed and parallel computing' under the able guidance of Dr. Santosh L. Deshpande.

Prof. R. B. Patil

has done certification in NPTEL course on Software Testing on 25th March 2020.

Department of Electronics & Telecommunication Engineering

One Week STTP for Teachers

One Week STTP for Teachers on "Theory, Operation and Applications of Transducers & Actuators in Industry (ICT16)" was organised by National Institute of Technical Teachers' Training and Research, Kolkata (Established by the Ministry of Human Resource Development, Govt. of India) from 30th December 2019 to 3rd January 2020. This workshop was coordinated by Prof. P. V. Lokhande. All faculty members from Electronics & Telecommunication department and Polytechnic Electrical department faculty participated



Three days workshop on "Arduino Programming"

Three days workshop for Students on the subject "Arduino Programming" was organized on 8th February 2020. This workshop was conducted in collaborated with Eucube Electro solutions Miraj, and was coordinated by Prof. S. H. More. All the faculty & student community of Electronics & Telecommunication department participated in the event.





"E-GENIUS" Online Aptitude Test

Electronics Engineering Students Association (EESA) organized department level "E-GENIUS" Online Aptitude Test on 24th January 2020 for Electronics & Telecommunication Engineering Students. Around 96 students participated in this event. Winners' were felicitated by cash prize and merit certificate on 25th January 2020. This function was co-ordinated by Prof. P. V. Lokhande.

Department of Chemical Engineering

One Day Workshop on T.Y. B.Tech Chemical Syllabus Setting

Department of Chemical Engineering organized a One day Workshop on "T.Y. B.Tech Chemical Syllabus Setting and Scope of S.Y. B.Tech Chemical syllabus" on 24th Jan. 2020 at TKIET. It was presided by Dr. Mohan Rampure (Asst. G. M. Sulzer Ind.LTD) as a chief guest, Mr. Prasad Sawant (GM Process & Proposal, Praj Industries Ltd, Pune) as a guest of honor, Dr. S. V. Anekar (Principal), Prof. S. T. Patil (HOD), Prof. K.T. Jadhav (HoD, DYPCET Kolhapur) along with all faculty from TKIET, Department of Chemical Engineering and DYPCET Kolhapur. There was a discussion on various subjects along with the Industrial Experts and Subject Experts. Students from F.Y., S.Y. B.Tech and T.E.



Engineering participated in the programme. The Entire workshop was coordinated by Prof. N. H. Shinde and Prof. K. I. Patil.

Workshop on 3D Plant Modeling using AVEVA PDMS & P&ID

A One-week workshop on "3D Plant Modeling using AVEVA PDMS & P&ID" was successfully conducted by department of Chemical Engineering during 24th Jan. 2020 to 29th Jan. 2020. The Workshop spread the awareness of the application of 3D Plant Modeling using AVEVA PDMS & P&ID among Faculty and Students. It created awareness about the present improved equipment design and performance, identifying energy saving opportunities and reduce environmental emissions, reduce costs and improved product quality by using Applications of Advanced software in Chemical Design Industry, providing options to fill in the gap between industry & Institute.



Department of Civil Engineering

Live Webinar on Value added products in Construction Industry

Civil Engineering department in association with JK Cement Ltd. organised Live Webinar on 'Use of White Cement and Value added products in Construction Industry' on 5th June 2020, for Civil Engineering students. The resource person Mr. Nitant J. Shah, Head-CTS division, Member of Indian Concrete Institute, UDCT Alumina, Mumbai, addressed the audience via Google meet and YouTube live platforms. Around 250 participants benefited by this webinar. which was coordinated by Dr. V. M. Shete under the guidance of Prof. L. B. Patkure, HOD, Civil department and Dr. S. V. Anekar, Principal, TKIET, supported by System and Network department, TKIET and Prof. J. S. Patil, Civil department.



Live Webinar on 'MS Project'

Civil Engineering department in association with CADD Center, Kolhapur organized Live Webinar on 'MS Project' on 9th June 2020, for UG and PG Civil Engineering students. The resource person, Mr. Sachin G. Patange, CADD Center, Kolhapur, interacted with the students on Zoom meeting platform wherein 40 participants benefited by this webinar. It was coordinated by Prof. S. S. Chavan under the guidance of Prof. L. B. Patkure, HOD, Civil department and Dr. S. V. Anekar, Principal, TKIET, supported by System and Network department, TKIET and Prof. A. B. Patil, Civil department.



Humanities and Applied Sciences Department

Two Days Workshop on Universal Human Values

A Two Days Workshop on Education in Universal Human Values for the F. Y. B. Tech students of TKIET was organized on 6th and 7th of January 2020. The eminent resource persons were from The Bahá'í Academy, Panchagani, namely Mr. Parag Thandale and Navnath Bomble addressed students with regard to nurturing personal development of the students who study and pursue a professional course like engineering, so as to build their moral capabilities and empowering them to contribute to social progress like equality, justice, uprightness, unity in diversity, beauty, peace and human rights and ultimately to make students a good human being. The inaugural session was graced by Hon. Dr. S. V. Anekar, Principal TKIET, Dr. D. N. Mane HOD and F. Y. B.Tech Chief



Coordinator, Prof. Rahul Kajave, Lead college activity coordinator, Dr. S. S. Desai, Workshop coordinator and Dr. Marku Monis, FESA faculty advisor Prof. G. B. Kamble anchored the workshop



Group Discussion Competition

First Year Engineering Students' Association organized Group Discussion for First Year B.Tech students on 27/01/2020 to develop their Communication and interpersonal skills and to enhance confidence of public speaking. Students of all divisions from A to G participated in this competition and gained maximum knowledge and experience from this competition. The event was well organized by Dr. Mark Monis and Mr. G. B. Kamble along with student event coordinators Patil Sanket Madhukar, More Akshaya Manik, Dige Shreya Mahavir, FESA presidents Mr. Chinmay Gurav & Abha Thakre and with the guidance of Dr. D. N. Mane.

Debate Competition

First Year Engineering Students' Association had organized Debate competition for First Year B.Tech students on 12/03/2020 to develop their argumentative and convincing skills. Debate provides an opportunity to form balanced, informed arguments, counter arguments and to use reasoning and factual evidences. The event was well organized by Mr. G. B. Kamble and Dr. Mark Monis along with student event coordinators Morbale Ajinkya, Taralekar Akash Sandeep, Hajare Rutuja Ranjit, Patil Mrunal Prakash, FESA presidents Mr. Chinmay Gurav & Abha Thakre and with the guidance of Dr. D. N. Mane.



Career Development Cell



Guest Lecture by Dr. Sandip Inamdar

A guest lecture by Dr. Sandip Inamdar from Vidyanikethan was organized by Career Development Cell on 08th Jan. 2020. He guided the students about the significance of PBLOE (project based learning outcomes education) CTIF Project based International Summer Internship Program & Internship and Ph.D facilities for M.Tech and Faculty members for F.E, S.E, T.E and B.E students. Faculty coordinators from different departments with the guidance of Prof. S. V. Lingaraju coordinated the program successfully.

Career opportunities after completion of Engineering Graduation

A guest lecture by "Various opportunities after completion of B.E. in MBA" by Dr. (Mrs.) H. V. Gaikwad & Dr. (Mrs.) M. V. Jagtap RIT, Sakrhale was organized by Career Development Cell on 05th Feb 2020. Madam guided the students about the significance of MBA, Entrance exam of MBA and job opportunities after MBA for B.E students of all streams. Prof. S. V. Lingaraju, co-ordinated the event



“CHHAVA”



During Annual Social Function “SPANDAN 2K 20” TKIET students performed historical Play “CHHAVA” on the life history of a great Maratha emperor “Chhatrapati Sambhaje Mahraj”. More than 100 students from Degree and diploma acted in the play with the help of some senior students. 4000 audience relived history again through this play. Institute received valuable support from the original producer of

the play Mr. Ramdas Patil from Pune. Prof. J. K. Shinde directed the play where Mr. Adam Mujar played the role of an Assistant Director. Dr. Vinayraoji Kore appealed to the younger generation to embrace the values expressed in the play. Dr. (Mrs.) Vasanti Rasam, Dr. S. V. Anekar, Prof. B. V. Birajdar and Prof. C. P. Shinde co-produced the play

National Service Scheme (NSS)

A five days NSS camp from 17th to 23rd Feb. 2020, a “Vishesh Shram-Sanskar Shibir” was organized at Shirgaon (Tal.-Shahuwadi) by the NSS Cell of TKIET, with the able guidance of Principal Dr. S. V. Anekar, the Project Head Prof. B. I. Kurane (Gymkhana) and Camp Coordinator, Prof. M. V. Jadhav (Mech.Engg. Dept.). During the period a lot of social activities were done in that village and several well-known personalities interacted with their valuable guidance through the speeches including Shahuwadi MLA Hon. Dr. Vinayravji Kore. (Savkar). These social activities were completed successfully,



by all the TKIET students under the supervision of students' representative Mr. Mayur Vedpathak (B.E.Mech.).

Journal Publications

Faculty Publications

- A.S.Todkar “Machining in high pressure coolant environment–strategy to improve machining performance:a review” international journal of manufacturing technology and management-inderscience publication, Vol-33, Issue-6, pp-468-492. Jan. 2020
- A. R. Koli, A. M. Patil, S. S. Patil, V. V. Patil, “Design and Experimentation of New Balancing Technique Based on the Jeffcott Rotor Model”, International Journal for Research in Engineering Application & Management, Vol-06, Issue-03, June 2020, pp.-186-194, ISSN:2454-9150
- B. G. Warvante, C. P. Shinde and A. A Thorat, “Finger Print Verification Based On Minuta Points” International Journal of Computer Engineering and Applications (NCRTCEA2020) ISSN No: 2321-3469, Volume-XIV, Issue-Special June 2020
- P. B. Dehankar, S.A. Desai, V.A. Bhosale, ‘Assessment of Passive Augmentation Technique in Circular Tube side CMC/ Water Process Fluid using Twisted Tape’ (2020), IJSRCS, Vol.7, Issue 1, PP-20-22
- G. N. Kanade, “Use of Lean Technology for increase of productivity in construction industry”, JETIR, Vol. 7, Issue 3rd March, 2020, ISSN 2349-5162
- A. B. Patil, A review paper “To Study Sustainable development Approach and its Planning for Village Vawadi-Kumbharwadi, Tal- shahuwadi, Dist- Kolhapur, Maharashtra, India”, IJRDT, Vol. 13, Issue 1st Jan. 2020, ISSN 2349-3585

Student Publications

- Arati Uttamrao Patil, ‘Management Information System For Educational Organization: A Precious Tool Used For Managing Huge Information And Decision Making’, Aayushi International Interdisciplinary Research Journal (AIIRJ), 15th Feb. 2020, ISSN -2349-638X
- Arati Uttamrao Patil, ‘Flow Chart Method to Find Optimal Cost To Deliver Message To Desired Location’, Aayushi International Interdisciplinary Research Journal (AIIRJ), 15th Feb. 2020, ISSN -2349-638X