



REFLEX TKIET

NEWS LETTER



Bi-annual News Letter

Vol. XIII, Issue - I, June 2021

Editorial Committee

Chief Patron

Hon'ble Dr. Vinayraoji Kore

Chairman, S.W.V.S.M., Warananagar

Patron

Dr. Vasanti Rasam

Administrative Officer, S.W.V.S.M.
Warananagar

Chief Editors

Dr. S. V. Anekar

Dr. Marku Monis



EUREKA -2K21



The most awaited and one of iconic events of TKIET, EUREKA 2K21, a National level Paper Presentation Competition was held on 12th June 2021. There was a huge response with 560 participants taking part in the paper presentation competition. Hon'ble Dr. Vinayraoji Kore (Savkar) was President of the inaugural ceremony, Dr. Pratapsinh Desai, President, Indian Society for Technical Education (ISTE), New Delhi was Chief Guest for the function.

The inaugural function was conducted in the presence of Dr. Vasanti Rasam, Administrative officer, Shree Warana Vibhag Shikshan Mandal, Warananagar. Valedictory function and prize distribution ceremony was conducted at 5.00 pm via online mode. Hon. Mr. D. D. Deshmukh, Dy. General Manager, DRDO, Ministry of Defence, Government of India, was Chief Guest and Dr. Vivek Buwa, Professor, Department of Chemical Engineering, IIT, Delhi was the Guest of Honour for the function.

This event was successfully organised through the inspiration of Dr. S. V. Anekar Principal, under the guidance of Dr. G. V. Patil, Convenor and Dean Student affairs, Prof. V. N. Mane, Chief Coordinator, Students Association, student coordinators and volunteers. All the faculty and students actively participated in the event and it was a grand success.

Shree Warana Vibhag Shikshan Mandal's

TATYASAHEB KORE INSTITUTE OF ENGINEERING & TECHNOLOGY
AN AUTONOMOUS INSTITUTE

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

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

Email : principal@tkietwarana.ac.in, Website : www.tkietwarana.ac.in

Training & Placement Cell

Institute's Training & Placement Cell is all the time committed to provide a wide range of placement opportunities to its students. The Institute's exclusive Pre-placement training program prepares students in Aptitude (Problem Solving), Technical, Profession ethics & English communication skills. Series of mock assessments, interviews will help students in imbibing technical competency skills. Additional company specific training programs are offered to students to meet the technical requirements. Job oriented certification programs of Microsoft, IBM, Oracle, Dell, Cisco on AWS, Python, AI, ML, Data science, Cyber Security, & IoT etc helped students to grab the highly paid jobs of interest.

Near about 114+ Companies were provided to the students. One student was able to bag a package of 22.00LPA from CNN Media Company. Few of our regular recruiters are TCS, Infosys, Wipro, Accenture, Capgemini, Cognizant, Qualitia, Instazen, ByJu's, Black and Veatch, Raykor Technologies , Bosch, Berger Paints, Galaxy Surfactants, Maire Tecnimont, Amazon India, Tech Mahindra, ATOS Syntel, Amdocs, Paramatrix, Webtech Developers, Hexaware Technologies, Acty Systems & many more. Constant support & continuous guidance to students by the Team of Training & Placement cell has made remarkable achievement in achieving magical number of 310+ placements and salary package in between 3.30LPA to 22.00LPA for the academic year 2020-21. Placement season 2021-22 has begun with several MNC companies and many students have got job offers from various companies, Salary package ranging from 3.36LPA to 8.45LPA.

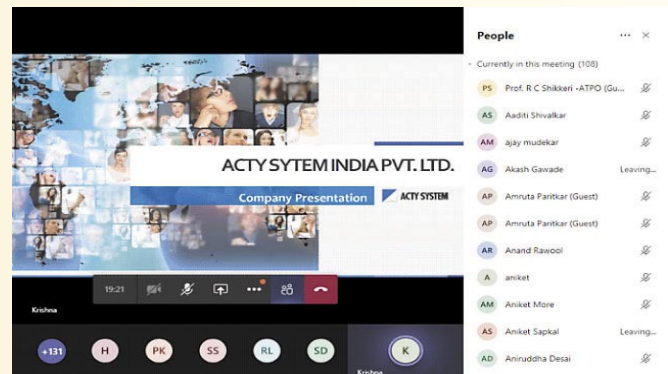
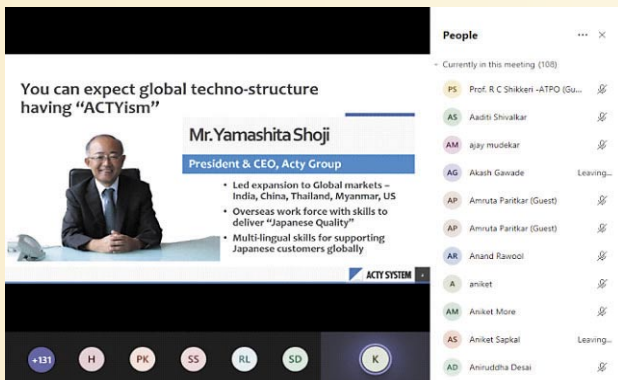
Glimpses of Training & Placement Activities:2020-21



Principal Dr. S. V. Anekar Addressing at Galaxy Surfactants, Mumbai Campus Drive



Pre-Placement Talk by Mr. Maruti Powar, Manager NPT



ONLINE Campus Recruitment Drive By: Acty Systems, Mumbai



Campus Placed Students Felicitation by the Hands of Hon. Shri. Vinayraoji Kore, Chairman, SWVSM, Warananagar, MLA Maharashtra State

Star Placements of TKIET



Suchita Buddhe

Electronic Engineering
Selected CNN Media International
with a Pay Package of 24.00
Lakhs Per Annum



Rutu Chougule

CSE: Selected in 6 companies TCS,
Accenture, Persistent, Capgemini,
Zensoft Services, Hexaware through
the Campus Placement Drives. Highest
package received Accenture is 6.50LPA



Sourabh S. Patil

Chemical
Selected in Byju's, Pune with a Pay
Package of 10 LPA through Campus
Placement Drive



Shreya Patwardhan

CSE
Selected in TCS, Pune through the
Campus Placement Drive with a Pay
Package of 7.02Lakhs Per Annum



Sandesh Parasharam

Civil Engineering
Placed in Galaxy Surfactants,
Mumbai with a Pay Package of 5.77
Lakhs Per Annum



Akshay Gaikwad

Mechanical Engineering
Selected in Kirloskar Brothers Ltd,
Pune with a Pay Package of 5.50Lakhs
Per Annum

Webinars / Guest Lectures organized by Departments

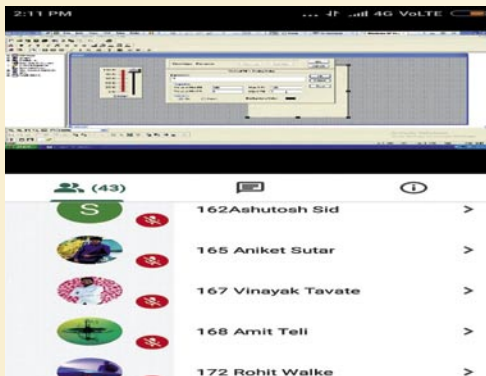
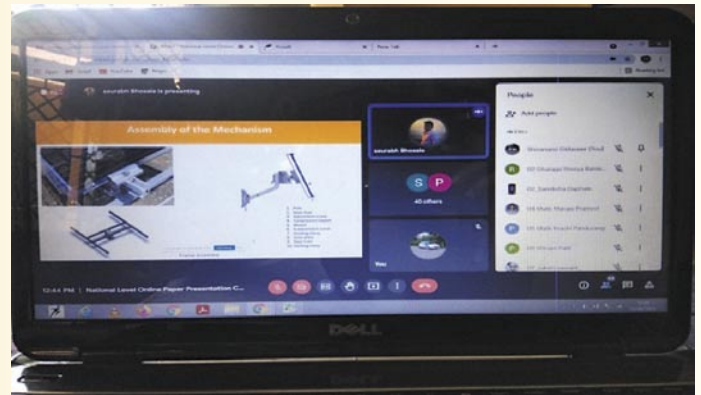
SR. No.	Activity	Date of event
1	Webinar on: Let's Explore the power of cloud, for CSE students	29 th July, 2020
2	Webinar on: Why FOSS (Free and Open Source Software)? for CSE students	1 st July, 2020
3	Quiz- Covid-19 Awareness for SY B. Tech CSE students	10 th August, 2020
4	Quiz and Puzzles for B. E. CSE students	17 th August, 2020
5	Webinar on: Technical Grooming Session for B. E. CSE students	5 th Feb., 2021
6	Guest Lecture on "How to be an entrepreneur" by Mr. Rajesh Namse for all CSE Students	10 th May, 2021
7	Guest Lecture on "How to prepare for campus placement: Expectations form industry" By Mr. VivekKamte - data analyst Paytm Money, for all CSE Students	21 st May, 2021
8	Eureka 2k21 – Softcom, for all CSE Students	12 th June, 2021
9	Three days workshop on "Metrology Basics"; a training program for students for all Mechanical Students	21 st Sept. 2020 to 24 th Sept. 2020
10	One day Seminar on "Entrepreneurship development"; a Skill Development Program for students, for all Mechanical Students	02 nd Nov. 2020

GUEST LECTURES, WORKSHOPS AND DEPARTMENT EVENTS

Department of Mechanical Engineering

PERSPECTOMECH

The Department of Mechanical Engineering organized EUREKA 2K21, a National level Paper Presentation Competition, under the theme PERSPECTOMECH. The topics were like applications of Artificial Intelligence in Mech. Engg, industry 4.0, Robotics, Automation and Manufacturing, Modern trends in non-conventional energy sources and Current scenario in simulation techniques used for mechanical engineering problems and Electric vehicles. Total 46 papers received and 22 papers were shortlisted for the presentation of this event. Dr. S. D. Patil from RIT Islampur was the external judge and Dr. P. J. Patil was the internal judge for the competition.



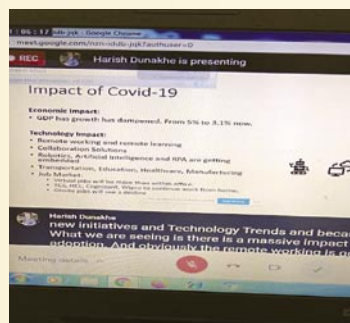
Workshop on Industrial Automation

Two days free workshop on Industrial Automation was conducted from 2/6/2021 to 7/6/2021 by World of Automation, Pune. It highlighted the use of control systems, such as computers or robots, and information technologies for handling different processes and machinery in an industry to replace a human being. It is the second step beyond mechanization in the scope of industrialization. Certificates were provided to the students after successful completion of the workshop and this event was coordinated by Mr. P. V. Kamble and Mr. S. H. Patil. Total 87 students registered for the workshop.

Department of Electronics and Telecommunication Engineering

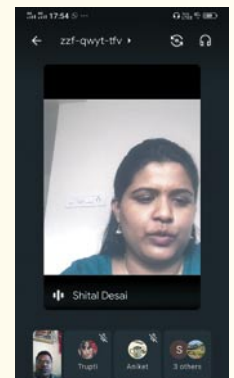
Workshop on Impact of Covid-19

One Day Workshop on “Impact of Covid-19” was organised on 30/01/2021, for the students of the department. Mr. Amol Kashid, Rajshree Patil, Rahul Surve, (Alumni of 2002 batch) were the guest speakers who interacted with the participants.



Guest lecture on Career Counselling

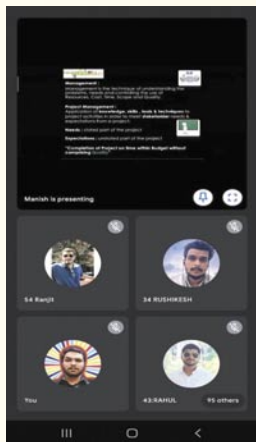
Electronics Engineering Students Association (EESA) organized guest lecture on “Career Counselling” on 18/5/2021 by Ms. Shital mam, Paramatrix Info solutions. This event was co-ordinated by Mr. S. H. More.



SPECTRUM

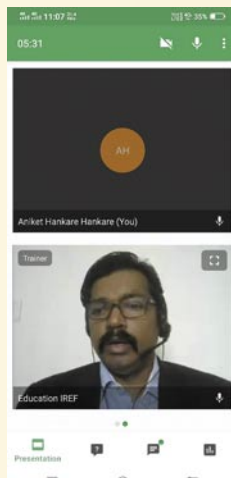
Electronics Engineering Students Association (EESA) organized National Level Paper Presentation EUREKA2K21 (Online Mode), under the theme SPECTRUM for Electronics & Telecommunication Engineering Students on 12th June 2021. Around 40 students participated in this event. Winners were felicitated by cash prize and certificates. This function was co-ordinated by Mrs A. A. Thorat madam.

Department of Civil Engineering



Guest lecture on "Project Management"

Mr. Manish Janitkar working as Assistant Vice President - Planning at Petron engineering construction Ltd Mumbai, delivered lecture on "Project Management" for Third year and final year Civil Engineering students of TKIET Warananagar, in online mode (Google Meet) on 20th January 2021.



Guest lecture on RERA

Department of Civil engineering and Institute of Real Estate and Finance (IREF), Pune jointly organised, Expert Session on RERA on 6th May 2021 by Mr. Abhay Kumar

An experienced Trainer of Real Estate Management Programs

Webinar on 'Scope of Competitive Examinations in Civil Engg.'

Department of Civil engineering and IITian's Academy, Pune, jointly organized, Webinar on the subject entitled 'Scope of Competitive Examinations in Civil Engineering via Online mode and the Resource person was Mr. Sanket Ghorband.

The resource person highlighted some of the important exams for future career prospects; viz. GATE: graduate aptitude test for engineering for public sectors or NIT, IIT for Mtech, studies Indian engineering service which is equivalent to Indian administrative services, SSC exam for CPWD, State level PWD exams held by states independently, Gate for jobs in PSUs like NTPC.

Department of Chemical Engineering

One Day Workshop

One day B.Tech. Chemical Engineering (CBCS) Syllabus workshop was held on 26th June 2021 at TKIET, Warananagar. Dr. P. N. Patil, Lead Engineer, SWT&S Pvt Ltd, Bangalore, Dr. G. S. Gokavi, Chairman, BOS, Chemistry & Chemical Engg. and Dr. S. V. Anekar, Member, BOS, TKIET, Warananagar, were the resource persons. It was successfully organised by Prof. S. T. Patil, HOD, Prof. V. A. Bhosale, and Prof. P. B. Dehankar, the Coordinators.



Innovation and Entrepreneurship Development Cell

Guest lecture by Shri. Ronak Shaha, Alumni entrepreneur of Mechanical Department (pass out 2017-18), Freelancer services Islampur on the subject 'Entrepreneurship Development' was conducted on 2nd Nov. 2020 by IEDC. He interacted with the students on the future of Entrepreneurship and made aware of different skills of an entrepreneur. Students of third year Mechanical Dept. Participated in the workshop

Faculty Achievements

Ph.D. Awarded



Dr. K. I. Patil

Prof. K. I. Patil, from Department of Chemical engineering, has been awarded with Ph.D. under the guidance of Dr. S. Mayadevi, Chief Scientist, NCL, Pune & Dr. S. V. Anekar, Principal, TKIET, for his research thesis entitled 'Heat Laminar Flow Heat Transfer Augmentation Inside a Circular Tube Using Twisted Tape Insert' by Shivaji University, Kolhapur.



Dr. P. V. Mulik

Prof. Pramod Vishnupant Mulik, from Department of Mechanical engineering, has been awarded with Ph.D. for his research thesis entitled 'Heat Transfer Characteristics of Nocturnal Radiation System for Room cooling' by Visvesvaraya Technological University (VTU), Belgavi

MH-SET Qualified



Mr. D. S. Mane



Mr. S. N. Shelake

Mr. Dhanaji Sambhaji Mane and Mr. Shelake Sambhaji Namdev successfully qualified Maharashtra State Eligibility Test (MH-SET) on 7th April 2021 for Assistant Professor Accredited by U.G.C. & Conducted by Savitribai Phule Pune University, state Agency held on 27th December 2020 in the subject Mathematical Sciences.

Faculty Certifications

- Mr. Sachin. A. Urabinahatti is Certificated as Educator for Blue Prism Academia in the field of Robotic Process Automation
- Mr. A V Surve is Certificated as AWS Cloud Practitioner.
- Mr. R. B. Patil is Certificated as AWS Cloud Practitioner and IIT Bombay X
- Mr. K. K. Awale is NPTL Certified in subject "Database Engineering"
- Mr. P. J. Patil is awarded by ISTE Certificate of Achievement for Guiding the Best M.Tech. Thesis in Chemical engineering (1st prize)

Student Achievements, Honours and Awards

Our Academic scholars

- Suryawanshi Sheetal Ashok bagged fifth University Rank.
- Patil Triveni Babso bagged tenth University Rank.

Global Recognition



Mayur Fartade

Mayur Fartade a student from Final Year CSE has been awarded with \$30,000 (Rs.22 Lakhs) by Facebook for finding a Bug on Instagram that allowed anyone to see private accounts.



Suryawanshi Sheetal



Patil Triveni

Student Award Nomination

A project work of Mr. Shrirang Dattatraya Maske and Rajaram Shamrao Dhaygonde entitled "Manufacturing of Bricks by Partial Replacement of Clay with Waste Stone Dust" from Civil Engineering department is recommended by ISTE for presentation during upcoming ISTE Students Convention, for the award of Kerala Government Engineering Design National Award <http://www.isteonline.in/Datafiles/cms//Result%20of%20Student%20Award%202020.pdf>

- Miss.Vishakha Shinde & Mr. Punit Khot Selected as a Campus Ambassador in Azeotropy , IIT Bombay
- Kapare Aishawarya Dilip T.Y. B. Tech. Student got Scholarship of Rs. 40000/- under EEST scholarship – Alumnus (Batch 96)

**Shraddha Chandrakant Jadhav Silver Medal
in State Level Archery Competition**



Shraddha Chandrakant Jadhav, a F. Y. B.Tech student of TKIET, has been selected for the National Field Archery Competition to be held in Punjab. She won a silver medal in the state level field archery competition held at Warananagar. She is selected for the Punjab National Championship on the basis of this competition.

**Ms. Akshada Uttam Bad selected for
Pre Republic Day Camp**



Ms. Akshada Uttam Bad Final Year B.Tech (CSE) selected through NSS for Pre Republic Day Camp from Unit level - 1, Shivaji University, Kolhapur to Unit level - 2, North Maharashtra University, Jalgaon. TKIET congratulates and wish her best luck for the final selection to represent the Republic Day Parade on 26/01/2022 in New Delhi through the Pre-Republic Day Camp.

Winners in Competitions

Sr. No	Name of Student	Branch	Class	Name of Activity	Details of Activity
1	Viraj Vishwas Jadhav	Mech.	BE	Chem-O-Philia	AZeotrophy2020,1 st Position, IIT, Bombay
2	Harish Devaba Bhattam	Mech.	T Y BTech	Software Developer	Became SD, 03 Nov, 2020.
3	Manasi Pramod Mulik	Mech.	SY B Tech	National level Quiz competition	Chaitanya Bharati Institute of Technology,5 th June 2020, Excellent
4	Pushkraj Rajendra Jangam	Mech.	T Y B Tech	National level Quiz competition	D Y P Institute of Technology Akurdi Pune,22 th June 2020, Excellent 85%
5	Tejas Bajirao Dafale	Mech.	SY B Tech	Logic Maths Quiz competition	East West Institute of Technology Banglore, July 2020, Excellent
6	Manasi Pramod Mulik	Mech.	SY BTech	State level Quiz competition	College of Engineering Pandharpur, 21 st June 2021, Runner up
7	Manasi Pramod Mulik, Prachi Pandurang Mulik	Mech.	SY BTech	National level Quiz competition-Eureka 2K21	TKIET, Warananagar,12 th June 2021,Consolation Prize
8	Rushikesh A Yadav, Vinayak D Tawate	Mech.	BE	National level Quiz competition-Eureka 2K21	TKIET, Warananagar,12 th June 2021,Second Prize
9	Harshvardhan Shrikant Pol, Sourabh Ramesh Pawar	CSE	BE	National level Paper Presentation CompetetionEurek2k21	TKIET, Warananagar, 12 th June 2021, Second Prize
10	Rashmi Patil, Shreya G Patwardhan	CSE	BE	National level Paper Presentation CompetetionEurek2k21	TKIET, Warananagar, 12 th June 2021,Third Prize

Journal Publications

Faculty Publications

- A. R. Koli, "Theoretical and experimental investigation of effect of boundary conditions on SEA parameters for idealized subsystems", *Materials Today: Proceedings, Journal - Elsevier*, doi.org/10.1016/j.matpr.2020.06.267, June 2020, pp. 1-5, ISSN: 2214-7853.
- 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.
- P. V. Mulik, G. S. Kamble, "Heat Transfer Characteristics of Nocturnal Cooling System for Clear Sky Climate of Western Maharashtra, India", *Indian Journal of Science and Technology*, Volume 13, Issue 26, July 2020, pp.2644-2656, ISSN:0974-6846.
- A. R. Koli, "Investigation of Crack Detection Technique in a Rotating Shaft by Using Vibration Measurement", *Advances in Industrial Automation and Smart Manufacturing*, Springer, October 2020, pp. - 631-645, https://doi.org/10.1007/978-981-15-4739-3, ISSN2195-4356
- M. R. Jadhav, P. V. Mulik, "Surface roughness and tool wear analysis while turning Al/SiCp metal matrix composites", *Manufacturing Technology Today*, Vol. 19, Issue 12, December 2020, pp.3-8, ISSN:0972-7396.
- A. S. Todkar, P. J. Patil, "Analytical, Finite and 3D photoelastic Analysis of Composite Material used for Disc Brake", *International Journal of Research and Analytical Reviews*, Vol.8, Issue 2, April 2021, pp.-20-25, ISSN:2348-1269
- A. B. Patil, "Analysis of use of Fuzzy Logic in Real time reservoir operation management", *International research journal of Modernization in engineering technology and science (IRJMETS)*, Vol.02, Issue 10, Oct 2020.
- G. N. Kanade, "Review of Reservoir operation management by Fuzzy Logic", *International research journal of Modernization in engineering technology and science (IRJMETS)*, Vol.02, Issue 11, Nov 2020.
- A.B. Patil "A review paper on Study and Analysis of Labour productivity improvement in construction industry" *International research journal of engineering & technology (IRJET)*, Vol. 08, Issue 03, March 2021.
- G. N. Kande, "A study and Analysis for assessment of factor impacting the expansion of real estate business in Kolhapur region, Maharashtra, India", *Journal of Analysis and Computation (JAC)*, ISSN 0973-2861, Vol. XIV, Issue VI, Jan. 2021.
- R. B. Patil, "Test Case Optimization using Combinatorial Testing, International e-Conference on "Energy, Computing, Control and Electronics Systems" Nov 2020.
- P. J. Patil, "A Novel Method for Recovery of Phenol from Acidic Waste water by using 1-Octanol & MIBK, IJRDT, Vol. 14, Issue 4, ISSN: 2349-3585, 2020
- P. J. Patil, "A Literature Review on Recovery of Phenol from Waste Water, IJRDT, Vol. 14, Issue 4, ISSN: 2349-3585, 2020
- P. B. Dehankar, "Accretion in Model Making and Simulation of Heat Exchanger", *PENSEE*, ISSN: 0031-4773, Volume 51, Issue 5, 2021, PP - 74-81.

Students Publications

- Aditi Patil, Arati Patil, Triveni Patil, Sheetal Suryawanshi "Test Case Optimization using Combinatorial Testing" *International e-Conference on "Energy, Computing, Control and Electronics Systems"*



NCC Coy at TKIET

TKIET has got approval of NCC Coy under FSFS (SD & SW) with strength of 160 from NCC Headquarter, Kolhapur on 31st Dec. 2020. This has been the only second Engineering institute in Shivaji University Kolhapur which got approval. Mr. R. B. Naik (Faculty Mathematics) is appointed as Caretaker officer (CTO) from the institute. For the academic year 2020-21 enrollment has been done on 11th Jan. 2021 under the NCC staff and Col Vijayant Thorat from 56 MAH BN NCC, Kolhapur. Total 53 Cadets (SD-37 and SW-16) are selected from the enrollment process for First Year NCC.