



## K.K. Wagh Education Society's K.K. Wagh Institute of Engineering Education and Research, Nashik.

July/August 2021

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Issue : 7&8

### ■ Anniversary Program on 22<sup>nd</sup> July 2021



Chief Guest Mrs. Seema Hire speaking on the occasion of Anniversary Program Anniversary Program on 22<sup>nd</sup> July 2021 was organized in the institute on occasion of joint Punyatithi of Late Padmashri Kakasaheb Wagh, the social reformer Late Tatyasaheb Boraste and the well-known Philanthropist Kakusheth Udeshi. Chief Guest for the program was Mrs. Seema Hire, MLA Nashik (West). On this occasion, a lecture by Mr. Subodh Jawdekar, (Science Fiction Writer) on topic "अभ्युगात बनलेला मेटू घेऊन आपण संगणक युगात जगत आहिल" was also organized in online manner. Hon Chairman Shri. Balasaheb Wagh, Trustee Shri. Ashokbhai Merchant, Trustee Shri. Changdevdada Holkar, Trustee Er. Sameer Wagh, Secretary Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar, all Principals of various institutes of K. K. Wagh Education Society, all Heads of department were present for the lecture.

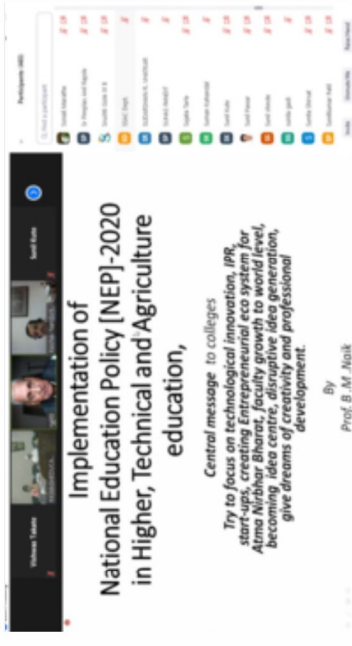
### ■ Visit of Hon. Shri. Chandrashekar Bavankule, Ex -Minister



Felicitation of Hon. Shri. Chandrashekar Bavankule, Ex -Minister

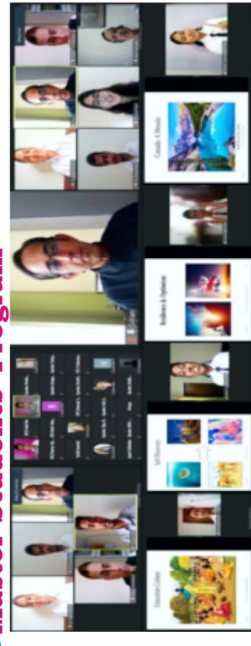
Hon. Shri. Chandrashekar Bavankule, Ex -Minister (Maharashtra State) visited our institute on 20<sup>th</sup> July 2021. On this occasion, he was felicitated at the hands of Chairman of K. K. Wagh Education Society Shri. Balasaheb Wagh. Hon. Shri. Chandrashekar Bavankule appreciated the effort made by K. K. Wagh Education Society. Secretary Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar, Mr. Ajinkya Wagh, Prof. Dr. S. S. Sane, Prof. Dr. B. B. V. Kardile and Prof. Dr. K. S. Jain were present on this occasion

### ■ Online lecture on "Implementation of NEP -2020"



Online lecture by Prof. B. M. Naik on "implementation of NEP-2020" On 29<sup>th</sup> July 2021, online lecture by Prof. B. M. Naik was organized on "Implementation of NEP -2020". On this occasion Chairman of K. K. Wagh Education Society was present. Principal Dr. K. N. Nandurkar, all Principals of various institutes of K. K. Wagh Education Society, all Heads of department and staff were present for the lecture.

### ■ Master Students' Program



Master Students' Program



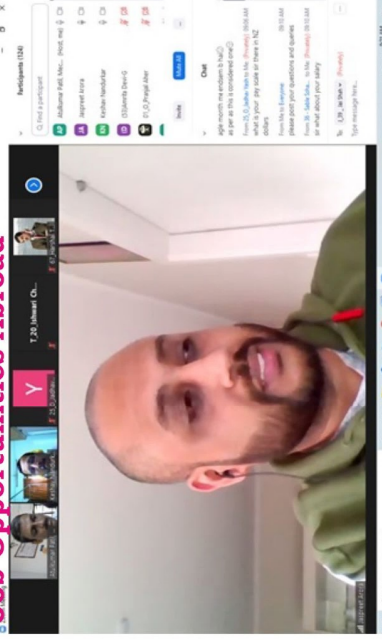


The Indian Society for Technical Education (ISTE) Students' Chapter of K. K. Wagh Institute of Engineering Education and Research organized 'Master Students Program' which is an event where Top 17 speakers are selected from all over the second year. The speakers are mentored and groomed by third and fourth-year students. It was held virtually on Zoom platform for the second time, with a total audience of above 140 students from First Year to Last Year. The theme for this year was 'Engineer's Heritage' with the motive to explain the vivid people skills, cultural and educational heritage of different countries, and integration of the same from a student's perspective. The concluding session was held in presence of Mr. Shriram Krishna who is alumnus of our 1992 batch.

**College Development Committee Meeting on 16<sup>th</sup> July 2021**

Online College Development Committee meeting was held on 16<sup>th</sup> July 2021. Chairman, Hon. Shri. Balasaheb Wagh, Shri. Shailendra Waghulde, Shri. Shirish Chaphekar, Shri. Hrushikesh Bhandari and elected staff members of the institute were present. Principal Dr. K. N. Nandurkar welcomed all the members. All members gave their valuable suggestions for overall development of the institute.

**Online Guidance Session on "Job Opportunities Abroad"**



Online session on "Job Opportunities abroad specifically in New Zealand" International Facilitation Center of KKWIEER has conducted an online session on "Job Opportunities abroad specifically in New Zealand" on 17<sup>th</sup> July 2021 at 9.00 AM (IST). The Session was conducted by Mr. Jaspreet Singh Arora, Alumnus of KKWIEER, Gold Medalist from University of Pune (2010 batch) and currently working as a Reliability Engineer in Meadow Mushrooms Ltd. Christchurch, New Zealand. Principal Dr. K. N. Nandurkar, Resource Person Mr. Jaspreet Singh Arora, IFC Coordinator Prof. A. S. Patil, Co-coordinator Prof. A. V. Kolapkar

along with nearly 128 participants were present during the session. Mr. Jaspreet Singh Arora has shared his study experiences at K. K. Wagh, his journey from India to New Zealand, skill sets required for getting job at abroad, his own experiences while doing a job in New Zealand, the job opportunities etc.

**K. K. Wagh - NITA (Nasik IT Association) Leadership Summit -2021**



K K Wagh - NITA (Nasik IT Association) Leadership Summit -2021 On 28<sup>th</sup> August, K K Wagh - NITA (Nasik IT Association) Leadership Summit - 2021 was organized in our institute. The various IT industry leaders and officials of NITA attended this summit. The industry leaders shared their views and possible contribution in the Education. They suggested the various skills to be acquired by the students before joining the IT industry. Around 24 IT industry leaders have attended the meet. Hon Trustee Shri. Sameer Wagh, Principal Dr. K. N. Nandurkar, Prof. Dr. S. S. Sane (Head of Computer Engineering), TPO Dr. P. K. Shahabdar and other Heads of department attended the meeting.

**Visit of Dignitaries to T&P Cell**



Hon. Dr. Rajkumar, Vice-Chancellor, Punjab University visited to T&P Cell



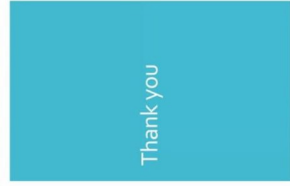
Visit of Hon. Mr. Shenoy, Senior Vice president, Mahindra & Mahindra Ltd., Pune continued on page 3



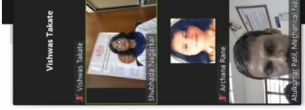


Hon. Dr. Rajkumar, Vice-Chancellor, Punjab University visited T&P Cell of our institute on 19<sup>th</sup> August 2021. Hon. Trustee Shri. Sameer Wagh, Secretary Prof. K. S. Bandi and Principal Dr. K. N. Nandurkar were present on this occasion. Also Hon. Mr. Shenoy, Senior Vice president, Mahindra & Mahindra Pvt. Ltd. Pune visited on 5<sup>th</sup> August 2021 to T and P Cell of our institute. Both of them appreciated the development of K. K. Wagh Education Society.

■ **Online Lecture on “Ethics in Research Publication”**



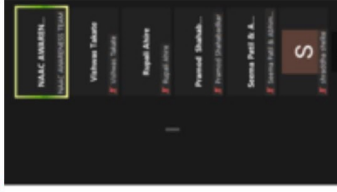
*“Verba volant, scripta manent” (Latin proverb)  
“spoken words fly away, written words remain”*



Online lecture by Dr. Shubhada Nagarkar

An online lecture on “Ethics in research publication” was organized on 5<sup>th</sup> August 2021 by Dr. Shubhada Nagarkar, Librarian, SPPU. The total number of Participants were 175.

■ **Online session on “Awareness of Teacher Contribution to NAAC Criteria II**



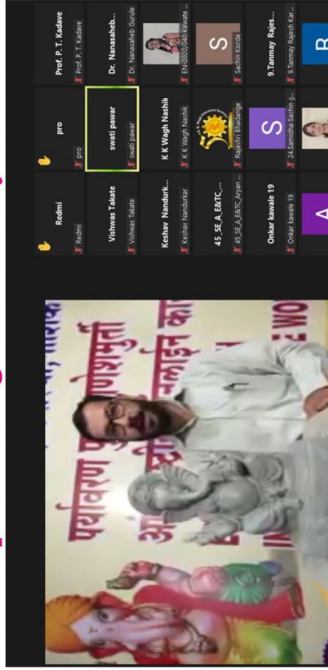
NAAC QUALITY INDICATOR  
FRAMEWORK (QIF)

Internal Quality Assurance Cell  
KKWIEER, Nashik  
10<sup>th</sup> August 2021



An online session on “Awareness of Teacher Contribution to NAAC Criteria II An online session on “Awareness of Teacher Contribution to NAAC Criteria II” was organized on 10<sup>th</sup> August 2021 by IQAC Cell of our institute. Total 177 staff of the institute attended the same.

■ **Workshop for making ECO-Friendly Ganesh Idol**



Workshop for making Eco –friendly Ganesh idol

The workshop for making Eco –friendly Ganesh idol was organized on 20<sup>th</sup> August 2021 in online manner. More than 1000 students from various Schools, Junior and Senior Colleges participated in this workshop.

■ **Online Voice Care Workshop for Teachers**



Online voice care workshop for teachers department

A Workshop was organised by Maharashtra State Higher & Technical Education department in association with MITSC Kolhapur & Voice Clinic, Thane on 18<sup>th</sup> August 2021. Expert was Dr. Sonali Lohar, Voice Clinic, Thane. 100 teachers from the institute participated in the workshop.

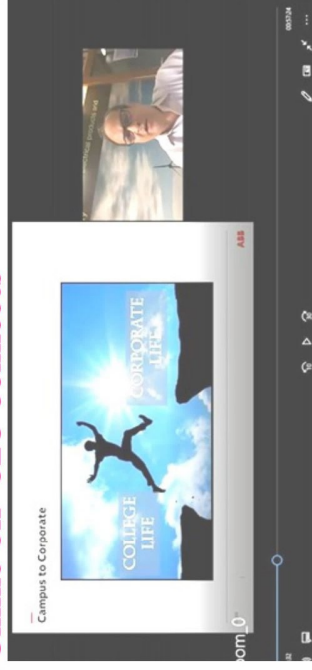
■ **Syllabus implementation Programs**



Syllabus implementation programs

Department of Computer Engineering organized Syllabus implementation programs on 21<sup>st</sup> August 2021 for the Subject IOT for TE Computer and also organized the workshop on 25<sup>th</sup> August for subject OS for SE AI & DS.

■ **Online CII- CEO Connects**



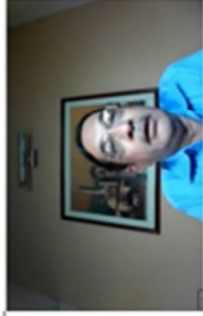
2<sup>nd</sup> CII-CEO Connect by expert Mr. Ganesh Kolhawade continued on page 4





**CORE VALUES OF RELIABLE AUTOTECH**

- Employee Success
- Respect & Trust
- Customer Focus
- Passion for Excellence



3<sup>rd</sup> CII – CEO connect by Mr. Devendra Bapat

2<sup>nd</sup> CII-CEO Connect was organized on 29<sup>th</sup> July 2021. Chief speaker was Mr. Ganesh Kothawade, Senior Vice President, ABB Ltd, 3<sup>rd</sup> CII- CEO Connect was also organized on 25<sup>th</sup> August 2021. Chief speaker was Mr. DevendraBapat, CEO, Reliable AutotechPvt Ltd. Principal Dr. K. N. Nandurkar initiated the program. Students of final year from all courses joined the event.

**Independence Day Celebration**



Celebration of Independence day

The Independence Day was celebrated with full honour on 15<sup>th</sup> Aug. 2021. The National Flag was hoisted at the hands of Mr. Ashokbhai Merchant, Trustee of K. K. Wagh Education Society Nashik. Mrs. Shushmaben Ashok Merchant and their other family members were also present on this occasion. Selected staff members from all the Institutes of this campus were present as per the Covid 19 guidelines. Principal Dr. K. N. Nandurkar addressed to all staff on this occasion.

**Expert Lecture/Seminar/Courses/Workshop Conducted:**

- Computer engineering department organized an Online Expert Talk on “Data Structures and a bit of algorithms” by Mr. SumeshMettadath, Research Engineer, ESDS, Nashik on 10<sup>th</sup> July 2021 and Expert talk: “How Augmented Reality and IoT helping academic institutes to solve industrial assignments and develop entrepreneurship opportunities” by Mr. Anil Pagar (Director, InvenSys solutions) and Mr. Suresh (PTC India) on 13<sup>th</sup> July 2021. Same

department also organized an Expert talk on “Web Development” by Prof. Shano Solanki, Associate Professor, CSE, NITTR, Chandigarh (Established by Ministry of HRD, Govt. of India) on 13<sup>th</sup> July 2021.

- Production Engineering Department organised expert lecture on “Robotic Welding” by Mr. Rakesh Jadhav, QA Deputy Manager, Mahindra and Mahindra, Pune on 30/07/2021 and Expert lecture on “Industrial Safety” by Mr. Gaurav Bhavar, JBM, Auto Ltd., Nashik on 31/07/2021.
- Electronics and Telecommunication Engineering Department organized Webinar on “Cyber Security” by Er. Venugopal Adep, Manager TIAA (Teachers, Insurance, and annuity Association of America) on 03/07/2021, Webinar on “Recent Trends in Cellular Communication” by Dr. M. H. Kori (PhD from IITB) Vice-President, IETE on 05/07/2021 and Webinar on “GATE-Awareness” by Mr. Paresh Gugale (Founder, Director GATE- I2E Imperial) on 25/07/2021. Same department also organized Webinar on “Guidance session for Final year students” by Mr. Hrishikesh Dhande, Academic Relationship Manager, TCS on 11/08/2021, Webinar on “How to Become an Entrepreneur?” Er. Rohit Bagad, Founder &CEO, Inuxu Digital Media Technologies Pvt Ltd on 31/08/2021 and Webinar on “IoT Applications and Home / Industrial Automation Opportunities” by Er. Siddharth Kulkarni, Director Wizzo Smart Solutions Pvt, Ltd on 31/08/2021.
- Civil Engineering Department organized Expert Lecture on “Total station survey” by Prof. A. S. Shelar, HOD of Modern Education Society, Cusrow Wadia Institute of Technology, Pune on 03/07/2021 and Expert Lecture on “GATE & Competitive Exam Preparation” by Er. Paresh Gugale Founder, Director, Imperial Institute of Excellence, Mumbai on 28/07/2021.
- Electrical Engineering organized webinar on “Leader – Talks Series Graduates Journey: From Campus to Corporate” by Shri Sandip Kulkarni, Sr. Manager CGPISL Aurangabad on 29/07/2021. Same department also organized "Let's Discuss" is the joint initiative undertaken with alumni of the department by PG Alumni Mr. Omkar Buwa & UG Alumnus Mr. Aakash Borse on 7<sup>th</sup> August 2021, Leader Talk Series: Session 4 on “Startup skills for the 21<sup>st</sup> Century”, conducted on 26<sup>th</sup> August 2021 with Mayur B. Shelar, Dhaval D. Tagare, and Onkar D. Sonawane, Co-founder, Emmortal Automotives, Nashik and Expert Session on “Project Guidance” by John Yesuraj, General



Manager ( R & D ) – Retired CG Power and Industrial Solutions Ltd, India.

- Chemical Engineering Department organized Expert lecture on “Emergency, ERMand ERP” by Mr. C. R. Mohikar, Petro-Project Consultant, Nashik on 26/07/2021, Expert Talk on “Role of Chemical Engineer in Industry” by Dr. P. V. Pathak, Rtd Process Engineer, HUL, Mumbai on 30/07/2021 and Expert Talk on “GATE Exam” by Mr.Ketan Gandhi, Alumnni (2020) GATE Rank:253. Same department also organized Expert lecture on “Overview of Petrochemical Cracker” by Mr.Vijaya Sai Andra, General Manager, Reliance Industries Ltd on 07/08/2021, Expert Talk on “Self-organized Instability of liquid crystal Ultra thin Films” by Dr. Bolleddu Ravi, Assistant Professor, NIT Warangal, AP on 14/08/2021 and Expert Talk on “Utilization of Propylene: Hydroformylation- Oxo Synthesis” by Dr. V. V. Mahajani (An advisory committee member of our institute) and Rtd. Professor, Institute of Chemical Technology, Matunga, Mumbai on 20/08/2021. Same department also organized an Expert Talk on “Importance of Energy Conservation-ITP from PCRA by Sudhir R Shah, Training Faculty, Petroleum Conservation Research Association (PCRA), Bandra (E), Mumbai on 21/08/2021, Expert Talk on “Chemical Engineering aspects of the manufacture of sulphuric acid” by Dr. V. G. Pangarkar, Rtd. Professor and Head, Chemical Engineering Department, Institute of Chemical Technology, Matunga, Mumbai on 25/08/2021.

- Dept. of Information Technology organized an online seminar on “Layer three VPN Technology” by Mr. Indrajeet Deore, Senior Research and Development Engineering, Tejas Networks, Pune on 29<sup>th</sup> July 2021 for final year students and online seminar on “Effective Final Year Project implementation for Industry Readiness” by Mr. Tanmay Thakar, Senior Software Engineer at Druva Software, Pune on 31<sup>st</sup> July 2021 for final year students. Same department also organized an online seminar “Microsoft Dynamics 365 CE and Power Platform” by Mr. Vivek Patil (CEO) and Mr.Avinash Badgjar (Consultant) at Dynamisity (Microsoft’s Leading Implementation Partner) on 7<sup>th</sup> August 2021, an online seminar “Use of Agile approach for Project Delivery” by Mr. Chaitanya Deshmukh, Senior Developer, Principal Global, Pune and Alumnnus of IT department on 14<sup>th</sup> August 2021 and Two Days of Certificate course on ‘Programming in Python’ on 17<sup>th</sup> and 18<sup>th</sup> August 2021. Same department also organized

a Four Days Certificate course on ‘C Programming Language’ during 17<sup>th</sup> to 21<sup>st</sup> August 2021.

- MBA Department organized Expert Talk on ‘Human Resource Management Practices in IT Sector’ by Ms. Vedika Pande, Talent Acquisition, Enquero Global (India) Bangalore, Karnataka on 10/07/2021 and Expert talk on ‘Quality Management Across Value Chain’ by Mr. Imran Nabab, Quality, General Manager, Indoline Industries Pvt Ltd on 24/07/2021.

■ **Expert Lecture/Seminar/Courses/Workshop Attended:**

- Computer department staff Prof. Mrs. Preeti Vaidya, Prof. Mrs. Jyoti Mankar and Prof. Sham Gade have attended Online FDP on “Recent Advances in Computer Science and Allied Domains (RACSAD-2021)” from 5<sup>th</sup> to 9<sup>th</sup> July 2021. Prof. Ms. Neha Sharma, Prof. Nilesh Sonawane, Prof. Ms. Smita Patil, Prof. Vinay Suryawanshi and Prof. Ms. Ashwini Taware have attended One Week FDP on “Recent Trends in Computations” from 19<sup>th</sup> to 24<sup>th</sup> July 2021. Prof. Ms. Neha Sharma, Prof. Kushal Birla, Prof. Ms. Namrata Pagare, Prof. Ms. Shweta Jadhav, Prof. Ms. Madhuri Shinde, Prof. Ms. Rashmi Durjad and Prof. Ms. Ashwini Taware have attended Online Workshop on “Building Transformer-Based Natural Language Processing Applications” on 8<sup>th</sup> July 2021. Prof. Nilesh Sonawane, Prof. Ms. Namrta Pagare, Prof. Sham Gade and Prof. Ms. Rashmi Durjad attended Online STTP on “Innovative & Inventive Problem Solving” from 29<sup>th</sup> June to 04<sup>th</sup> July 2021. Prof. Ms. Madhuri Shinde, Prof. Ms. Rashmi Durjad, Prof. Ms. Ashwini Taware and Prof. Ms. Priya Rakibe have attended Workshop on “Fundamentals of deep learning” on 7<sup>th</sup> July 2021.

- Electronics and Telecommunication Engineering staff Mrs. Puja Patil has attended One week FDP on “Emerging Research Trends in Communication” from 28/06/2021 to 02/07/2021. Mr. Ramesh Khinde has attended STPP on “Innovative & Inventive Problem Solving” from 29/06/2021 to 04/07/2021. Mr. Abhiman Hadape, Mr.Sandip Gangurde, Mrs.Rupali Jadhav, Mrs.Lalita Chaudhari and Mr. Keshav Dhikale have attended Staff development program on “Towards Professional Development” from 01/07/2021 to 02/07/2021. Mrs. Rupali Chothe attended FDP on “Design Thinking for Societal Entrepreneurship” from 05/07/2021 to 09/07/2021. Prof. Parag Mondhe has attended FDP on “Data Science: Applications and Research Directions” from 05/07/2021 to 09/07/2021. Prof. Parag Mondhe has attended





FDP on “Deep Learning for Visual Computing” from 12/07/2021 to 16/07/2021. Prof. Mrs. Mayuri Joshi and Prof. Mrs. Deepali Shimpi attended FDP on “Internet of Things an Emerging Technology in Electronics Industry” from 19/07/2021 to 23/07/2021. Head of E&TC department Prof. Dr. Dinesh Chandwadkar and Prof. Mrs. Mayuri Joshi have attended FDP on “TE(E&TC) revised syllabus (2019)- Microcontroller” from 22/07/2021 to 24/07/2021. Prof. Dr. Dinesh Chandwadkar, Prof. Dr. Sunita Patil (Ugale), Prof. Mrs. Shradha Shelke and Prof. Dipankar Khartad attended FDP on “TE E&TC revised syllabus (2019)- Skill Development” from 30/07/2021 to 31/07/2021. Prof. Dr. Kailas Holkar has attended ATAL AICTE FDP “Trends in Measurement and Control for System Automation Control Systems & Sensors Technology Engineering” from 26/06/2021 to 02/07/2021.

- Information Technology department staff Mrs. Shilpa Mene and Mrs. Rupali Bora attended online Faculty Orientation Program on “Machine Learning and Laboratory Practice I” by IIT, Pune on 26<sup>th</sup> July 2021. Poonam Mahale has attended online Faculty Orientation Program on “Human Computer Interaction (HCI) and HCI Laboratory” by PICT, Pune on 27<sup>th</sup> July 2021. Mrs. Smita Chaudhari and Poonam Mahale attended online Faculty Orientation Program on Internet of Things & Laboratory Practices I by MET BKCOE, Nashik on 31<sup>st</sup> July 2021.
- Chemical Engineering Staff Dr. Sumisha A attended One day National conference on 'New Trends in organic synthesis' organised by Narayanrao Kale Smruti Model College Karanja on 11/08/2021. Dr. G. B. Daware attended Innovation Ambassador training conducted by Innovation cell and AICTE on 10/08/21.
- MBA Staff Dr. Saroj Dhake and Mrs. Shalmali Gadge attended ATAL AICTE FDP on 'Sustainable Change Management' from 12/07/2021 to 16/07/2021.

#### ■ Other Achievements

- Production Engineering Head Prof. Dr. Padmakar Pawar delivered an expert talk on “NBA Process” for Birla Vishwakarma Mahavidyalaya Engineering College on 28<sup>th</sup> July 2021.
- Prof. Dr. Keshav Nandurkar, Prof. Dr. Shrish S. Sane, Prof. Dr. Sunil Kute, Prof. Dr. Ravindra

Munje and Prof. Dr. (Mrs.) Preeti Bhamre attended the IUCEE Leadership Summit 2021 during 9<sup>th</sup> to 11<sup>th</sup> July 2021.

#### ■ Training & Placement :

Name of Company	Name of the Dept.	No. of students selected
Persistent Systems, Pune	IT	08
Adani Electricity Mumbai Ltd., Mumbai	Electrical Engg.	01
	Chemical Engg.	02
Torrent Power	Electrical Engg.	06
Rishabh Instruments	Electrical Engg.	02
Crompton Greaves	Electrical Engg.	02
Mahindra	Electrical Engg.	01
Siemens	Electrical Engg.	01
Federal Bank	Electrical Engg.	01

#### ■ Abstracts of papers presented during July 2021

##### Improving the process performance of magnetic abrasive finishing of SS304 material using multi-objective artificial bee colony algorithm

S. B. Gunjal and P. J. Pawar

(Published paper in Journal 'Engineering Review' Vol. 41-1, 2021)

**Abstract:** Magnetic abrasive finishing is a super finishing process in which the magnetic field is applied in the finishing area and the material is removed from the workpiece by magnetic abrasive particles in the form of microchips. The performance of this process is decided by its two important quality characteristics, material removal rate and surface roughness. Significant process variables affecting these two characteristics are rotational speed of tool, working gap, weight of abrasive, and feed rate. However, material removal rate and surface roughness being conflicting in nature, a compromise has to be made between these two objective to improve the overall performance of the process. Hence, a multi-objective optimization using an artificial bee colony algorithm coupled with response surface methodology for mathematical modeling is attempted in this work. The set of Pareto-optimal solutions obtained by multi-objective optimization offers a ready reference to process planners to decide appropriate process parameters for a particular scenario.

Prof. Dr. K. N. Nandurkar  
PRINCIPAL

