



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

**October 2020**

**Vol. : 12  
Issue : 10**

**Online Program for Personal Image and Branding**



Online program for Personal Image and Branding Neha Ratnakar

Our institute in association with Skillslate Foundation Pune had organized an Online program for Personal Image and Branding on 14<sup>th</sup> October 2020 by Neha Ratnakar, ICB Certified Image Consultant and Dale Carnegie Trained Corporate Trainer. The staff of various institutes run by K. K. Wagh Education Society attended the event. Ms. Neha Ratnakar explained very nicely with power point presentation about the Personal Image and Branding. The tips provided by her were useful for branding of individuals. Overall program was very much impressive and useful. Total 897 participants attended the program.

**Felicitation of Hon. Balasaheb D. Wagh on his 88<sup>th</sup> Birthday**

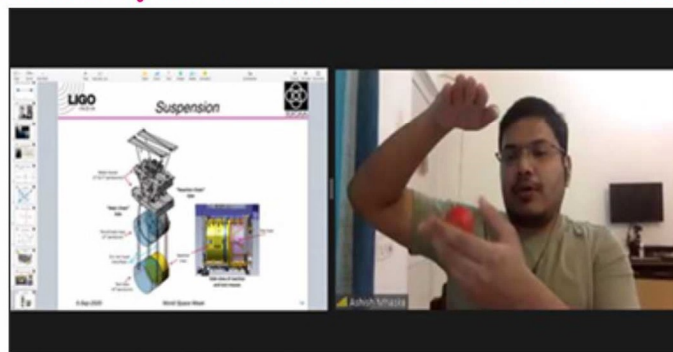


Celebration of 88<sup>th</sup> birthday of Hon. Shri. Balasaheb Wagh

On 19<sup>th</sup> October 2020, 88<sup>th</sup> birthday of Hon. President of K. K. Wagh Education Society Shri. Balasaheb Wagh was celebrated in the institute with full honor. Principal Dr. K. N.

Nandurkar felicitated the President Hon. Shri. Balasaheb Wagh on the behalf of institute. On this occasion all Heads of department were present.

**Webinar by Mr. Ashish Mhasake on 5<sup>th</sup> October 2020**



Webinar by Mr. Ashish Mhasake

Astro Club of our Institute in Collaboration with IETE Nashik Sub Center Celebrated World Space Week and organized a National level webinars on "Laser Interferometer Gravitational-Wave Observatory (LIGO)" by Mr. Ashish Mhasake, Junior Research Fellow, Swarna Jayanti Fellowship, LIGO-India Scientific Collaboration and IUCAA on 5<sup>th</sup> October 2020. Mr. Ashish Mhasake explained the remarkable physics experiment on the scale and complexity of some of the world's giant particle accelerators and nuclear physics laboratories which is predicted by Einstein's theory of general relativity. Though its mission is to detect gravitational waves from some of the most violent and energetic processes in the Universe, the data LIGO collects may have far-reaching effects on many areas of physics including gravitation, relativity, astrophysics, cosmology, particle physics, and nuclear physics. He gave a brief overview of gravitational waves and shows the high level of precision instrumentation that went into their detection and the prospects in the field of gravitational-wave astronomy. He presented the future work plan in which we will have LIGO detector in Maharashtra.





## ■ Webinar on 'Tuning into Operation Research'

The webinar on topic 'Tuning into Operation Research' was organized by the Department of Production Engineering of our Institute in association with Indian Institution of Production Engineers (Nashik Local Chapter) on 24<sup>th</sup> October 2020. The main objective of this webinar was to promote the use of Operation Research techniques to mathematically model and optimize the real industrial problem among the students and faculty. About 69 participants had registered for this webinar on Go To Webinar platform. The webinar was inaugurated by Prof. Dr. K. N. Nandurkar (Principal, K. K. Wagh IEER, Nashik) who delivered welcome address. The speaker for this webinar was Dr. Venkatesh Jonnalagedda (Director, Quintessence Engineering Consultants LLP). He explained various models through interesting real life examples.

## ■ TELEKINESIS- 2020

### Inauguration of Telekinesis-2020

The Department of Electronics and Telecommunication of K.K. Wagh Institute of Engineering Education and Research, Nashik had planned to organize National Level Online Technical Symposium Telekinesis-2020 powered by Nikola industry in collaboration with I.E.T.E, Nashik Sub center. This event was organized online to prepare the students to compete in the future competitive world and not compromising on our student's safety. The event was held online on 27-29<sup>th</sup> October 2020 with an aim of awakening student's imagination and resonating their skills with us. The inauguration ceremony started on 27<sup>th</sup> October 2020 with a warm introduction about Telekinesis-2020 and later on welcoming the Eminent Chief Guest of Dr. M. S. Sutaone, Deputy Director Government COE, Pune, Mr. Sachin Kulkarni, Head of Operations, SIEMENS, Nashik, Principal of K.K. W.I.E.E.R, Nashik Dr. K. N. Nandurkar and Dr. D. M. Chandwadkar Head of E & TC Department.

Students from all over India have come forward and participated in this event. We got overwhelming 650+ responses from students participating from all over India. This was a perfect opportunity for students to, "Utilize time constructively Get creative and think out of box, Sharpen their skills and Beat the stress, Brush their talent and Recharge their brain" Every year this departmental event is conducted offline on grand scale in our college with many students participating from different colleges. This year due to the current pandemic situation, Electronics and Telecommunication students had this indefinite urge to conduct the Telekinesis-2020 event online with their self developed platform [www.kkwtelekinesis.com](http://www.kkwtelekinesis.com). The competitions included Project competition, Photography Competition, Coding Competition, Essay competition, Poetry Competition, Poster Competition and Quiz Competition. There were no entry fees for participation. The students eligible to participate were Junior college students (11<sup>th</sup> and 12<sup>th</sup> Standard), Diploma students and UG Engineering Students. All the participants have received a participation certificate and a Cash Prize worth Rs. 10,000/- was given to the winners.

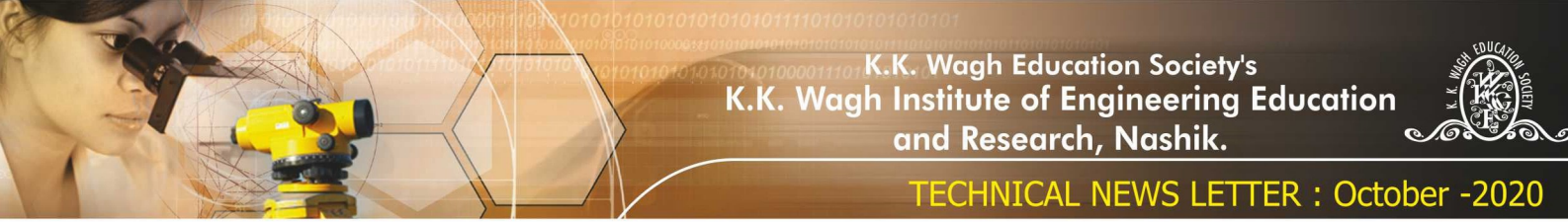
## ■ Third executive Training Program on 'Conflict and Work Management'

### Executive training program on 'Conflict and work management'

A team was formed by our MBA Department under the leadership of Prof. Amrutha Hippalgaonkar under the overall guidance of Dr. K. N. Nandurkar (Principal) and Dr. S. P. Dhake (I/c HOD, MBA) with the support of trainers Mr. Dharmesh Mehta and Mr. G. U. Shriniwar for organizing the training program. Total 22 participants from 10 reputed industries have participated in the training program. The first half session was coordinated by trainer, Mr. Dharmesh Mehta. The post lunch session was coordinated by trainer, Mr. G. U. Shriniwar, Director of Trainman Associates India.

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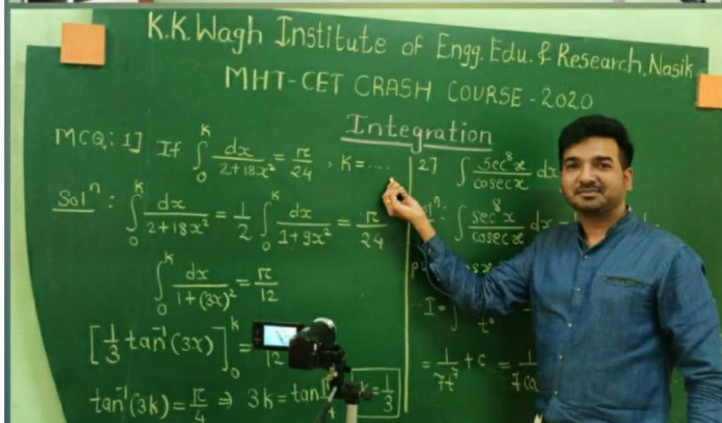
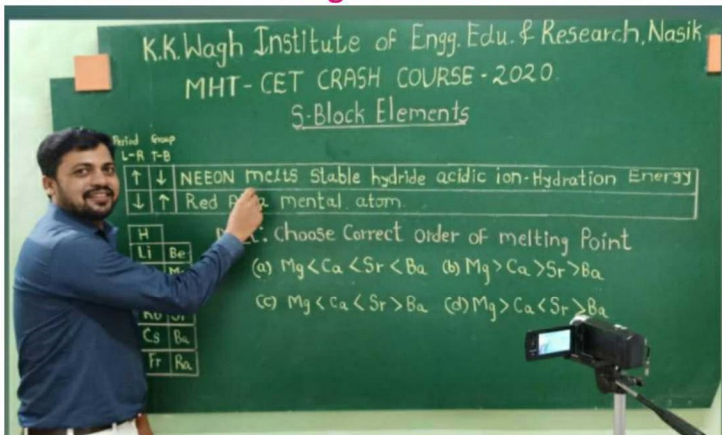
## Online Lecture by Dr. Rajashree Dhongade



Online Lecture of Dr. Rajashree Dhongade from Apollo Hospital

On 7<sup>th</sup> October 2020 Online Lecture of Dr. Rajashree Dhongade (MD Medicine) from Apollo Hospital was organized by our Institute on topic "Corona - 2020 Challenges". The all staff of the institute attended this lecture. Dr. Rajashree Dhongade explained in details about the care to be taken for Covid 19. The lecture was very much useful for all the staff.

## CET crash course closing session on 9<sup>th</sup> October 2020



CET Crash Course

3 Weeks MHT-CET Crash Course is one of the unique activity organized by Department of Applied Science and Mathematics for 12<sup>th</sup> standard students during the 23<sup>rd</sup> September 2020 to 10<sup>th</sup> October 2020. MHT-CET Exam is conducted for those candidates seeking

admission for Technical Courses in Maharashtra state. Due to the Covid-19, pandemic situation the students were unable to attend their classes for preparation of the MHT- CET Examination. K. K. Wagh Institute of Engineering Education has taken a step to cater the need of society and help students to improve their score by organizing the 3 weeks MHT- CET Crash Course. For the said course, around 200 students actively participated from all over Maharashtra. The Rapid revision and fine tuning before MH-CET examination was the main aim of Crash Course. It is expected that 30% to 40% rise in concerned students CET Score. The smart tricks for improving speed and accuracy was also one of the purposes of the course. Subject experts were Dr. Ganesh Dabhade and Prof. Hemant Tajanpure, for the Chemistry and Mathematics respectively. The live chalk and talk through Zoom app was the beauty of the event. The inauguration program was at 11.00 am on 23<sup>rd</sup> September, 2020, which started with a warm welcome of all CET Aspirant. The chief guests for the function were Hon. Shri. Balasaheb Wagh, Chairman, K. K. Wagh Education Society, Nashik; all Deans, all HODs with all faculties were present for the same. The Crash Course was inaugurated by Dr. K. N. Nandurkar, Principal K.K. Wagh Institute of Engineering Education and Research Nashik. The valedictory function was organized on 9<sup>th</sup> October 2020. The Principal, all deans and all HODs with faculties were present. Students, who attended the course, thanked the organizers and teachers for this opportunity during the lockdown period.

## Governing Body Meeting

Online Governing Body meeting was held on 23<sup>rd</sup> Oct. 2020. Chairman, Hon. Shri. Balasaheb Wagh, Prof. D. P. Nathe, Shri. S. R. Karode 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.

## Vachan Prerna Din

On 15<sup>th</sup> October 2020, on account of "Vachan Prerna Din" NSS Unit and Kusumagraj Library of our Institute jointly organized online expert talk by famous Marathi author Prof. Dr. Shankarji Borhade for Staff and students. Almost 249 staff and students attended this online expert talk focusing attention on importance of reading in overall personality development.

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## ■ 9<sup>th</sup> Library Advisory Meeting

The 9<sup>th</sup> Library Advisory Committee meeting was held online on 22<sup>th</sup> October 2020, Thursday at 3.30 p.m. at zoom platform. For this meeting chairman of library advisory committee Principal Dr. K. N. Nandurkar, an advisory committee member Prof. Dr. S. S. Sane, Dr. M. N. Shewale and Prof. S. Chandratre were present. In this meeting Library services & policy of this current pandemic period were discussed. Librarian Dr. P. S. Bodke has presented current status of New Koha Library Software.

## ■ Celebration of National Unity Day



Staff members of Production Engineering Department taking Unity Pledge

On 31<sup>st</sup> October 2020 NSS unit had celebrated the birth anniversary of Late Sardar Vallabhbhai Patel and observed this day as “Rashtriya Ekta Diwas or National Unity Day”. Considering Covid-19 pandemic and the imperative to observe social distancing protocol, it has been decided that the Pledge of Unity may be taken at department level. All staff members had taken the Pledge of Unity.

## ■ Expert Lecture/Seminar/Courses/Workshop Conducted:

- Computer Engineering department organised Online webinar on “Basics of Graph Mining and Demonstration of Gephi” by Ms. Prajakta Vispute, Ph D research scholar, Ex-Faculty KKWIEER on 6<sup>th</sup> October 2020, Online webinar on “Application of Deep Learning” by Dr. Ranadhir Ghosh, AI/ML Quantitative Analyst /Specialist, FIS Global Delivery Centre, Pune on 9<sup>th</sup> October 2020 and Online webinar on “Applications of Artificial Intelligence” by Mr. Prathamesh Karmalkar, Data scientist, Text analytics at Merck Life Science, India on 9<sup>th</sup> October 2020. Same department also organized Expert talk on “Database Applications and DBA Roles” by Ms. Anuja Dixit, Database Administrator, FinIQ, Nashik on 10<sup>th</sup> October 2020, Online webinar on “Entrepreneurship & Startup development” by Mr. Sudhir Gorade, CEO, Sumago Infotech Pvt. Ltd. Nashik on 29<sup>th</sup> October 2020 and Expert talk on “Discrete Mathematics” by Mr. Ketan

Lohar, Vice President, Winjit Technology, Nashik on 31<sup>st</sup> October 2020.

- Electrical Engineering Department First & Second shift organized Expert Lecture by “Mr. Sourish Sinha”, PhD Scholar at North Carolina State University on “Power Electronics and Career Guidance” on 14/10/2020 and Expert Lecture by Mr. Tanmay Kapse, Marketing Manager, Visionary Technologies on “Career in Industrial Automation” on 20/10/2020.
- Electronics and Telecommunication Engineering Department organized Webinar on “Project detailing discussion with Final Year Students” By Mr. Jagdish A. Ugale, Senior Software Engineer, TAS Power Tek Ltd. Nashik on 03/10/2020, Webinar on “Integrating Project with HDL Programming” by Mr. Pravin Ambekar, Proprietor: C-DSP, Aurangabad on 08/10/2020, Webinar on “C4ISR - A Technology support from the Sky to the soldiers” by Dr. Bharatbhushan Joshi, Principal, Cummins College of Engineering for Women, Nagpur on 09/10/2020 and Webinar on “Performance Mapping and Career Benchmarking for a Successful Career” by Dr. Rupali Pawar, Founder and CEO, Techie Mindz on 14/10/2020. Same department also organized Webinar on “Application of Electronics in Diamond Detection Instruments” by Mr. Rajiv Sahasrabuddhe, Technical Manager, De Beers Group Industry Services, Mumbai on 15/10/2020, Webinar on “Stepping into the Professional World” by Mrs. Meenakshi Kulkarni, MBA (Finance Management) on 16/10/2020 and Webinar on “Start-ups & Intellectual Property” by Mr. Abhijit K. Bhand, Founder & CEO, Kanadlab Institute of Intellectual Property & Research 20/10/2020.
- Production Engineering Department organized Expert Talk on “Introduction to CREO software” session 1 by Mr. Sumant, Training Head Access CAD, Nashik on 05/10/2020. Expert Talk on “Introduction to CREO software” session 2 by Mr. Sumant, Training Head Access CAD, Nashik on 12/10/2020 and Expert Talk on “Product design and Development” by Mr. Santosh Pawar, Strategic sourcing and vendor development, TCS, Pune on 17/10/2020.
- Chemical Engineering department organized Expert Talk on topic “Corrosion and Material of Construction” by Dr. K. Elaya Perumal, Corrosion and Metallurgical Consultant on 03/10/2020, Expert Talk on Overview of Process Engineering by Mr. Chetan Malode,

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Process Engineer, Alfa Laval, Pune on 10/10/2020 and Expert Talk on topic "Process Engineering and Design" by Mr. Sachin Deshmukh, Validation Engineer, Synlait Food Nutrition Company, Christchurch, New Zealand on 31/10/2020.

- Dept. of Information Technology had organized an webinar on "Agile Methodology for Software Development" by Mr. Vishal Shimpi, Accenture, Mumbai on 3<sup>rd</sup> Oct. 2020, an online webinar on "Cloud Computing & Introduction to AWS" by Mr. Prateek Jain, Tech Lead, and TCS, USA on 10<sup>th</sup> Oct. 2020 and an online webinar on "Higher Study Opportunities in James Cook University, Singapore" by Mr. Suman Subbian, Regional Manager, Marketing Team and Mr. Surenthiran Prabhakaran, Alumnus of IT department of JCU on 23<sup>rd</sup> Oct. 2020. Same department also organized an online webinar on "Internship opportunities in GS Lab" by Deepika Bedmutha, Software Engineer, GS Lab, Pune on 26<sup>th</sup> October 2020 and an online webinar on "Opportunities in E-Healthcare" by Mr. Mohan Kulkarni, Project Manager, PMD Device Solutions Ltd., Ireland on 31<sup>st</sup> October 2020.
- MCA department organized Expert talk on "Information management in Sales force" by Mr. Saurabh Vaidya on 3<sup>rd</sup> October 2020, Expert talk on "Data Mining concepts and Techniques" by Mr. Amit Dilip Patil on 10<sup>th</sup> Oct 2020 and Expert talk on "Banking and Finance and Opportunities in Banking Sector" by Ms. Darshana Baviskar on 13<sup>th</sup> October 2020. Same department also organized Expert talk on "Amazon web service" by Mr. Harish Pawar on 17<sup>th</sup> October 2020 and Expert talk on "Computer Network Security" by Mr. Shekhar Nehete on 24<sup>th</sup> October 2020.
- MBA department organized Expert Talk on 'Personal SWOT Analysis' by Mrs. Poornima Suryawanshi, HR Manager, Siemens India Ltd, Nashik on 10/10/2020.

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

- Computer Engineering Departmental staffs Prof. Ms. P. P. Vaidya, Prof. Ms. J. R. Mankar, Prof. Ms. M. N. Shinde have attended One week Online FDP on "Data Science for Engineering Problem Solving" from 5<sup>th</sup> to 10<sup>th</sup> October 2020. Prof. N. S. Sonawane, Prof. V. N. Suryawanshi have attended 5 days AICTE Training and Learning (ATAL) Academy FDP on "Immersive Virtual Reality" from 5<sup>th</sup> to 9<sup>th</sup> October 2020, Prof. S. D. Jadhav has attended 5 days AICTE

Training And Learning (ATAL) FDP on Artificial Intelligence from 5<sup>th</sup> October 2020 to 9<sup>th</sup> October 2020. Prof. D. M. Kanade has attended Online FDP on Cyber Crime & Security from 5<sup>th</sup> to 17<sup>th</sup> October 2020. Prof. R. H. Jadhav, Prof. I. Priyadarshini and Prof. N. G. Sharma have attended 5 days AICTE Training and Learning (ATAL) Academy FDP on "Data Sciences" from 20<sup>th</sup> to 24<sup>th</sup> October 2020. Prof. S. A. Gade has attended 5 days AICTE Training and Learning (ATAL) Academy FDP on "Internet of Things (IoT)" from 26<sup>th</sup> to 30<sup>th</sup> October 2020. Prof. K. P. Birla has attended 5 days AICTE Training And Learning (ATAL) Academy FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" from 26<sup>th</sup> to 30<sup>th</sup> October 2020. Prof. Ms. S. T. Patil, Prof. Ms. S. D. Jadhav, Prof. Ms. P. D. Rakibe have attended AICTE Sponsored 6 Days STTP on "Cyber security and Blockchain Technology" on 26<sup>th</sup> to 31<sup>th</sup> October 2020. Prof. Ms. S. M. Malao, Prof. Ms. S. T. Patil, Prof. K. P. Birla, Prof. Ms. N. M. Pagare, Prof. Ms. S. D. Jadhav, Prof. Ms. G. R. Gupta and Prof. Ms. A. V. Tavare have attended Webinar on IEEE Xplore Digital Library: Orientation Workshop on 29<sup>th</sup> October 2020.

- Electrical Engineering staffs Prof. M. R. Rade has attended AICTE Training And Learning (ATAL) Academy Online FDP on "Electric Vehicles" at All India Shri. Shivaji Memorial Society's College of Engineering Pune from 05/10/2020 to 09/10/2020. Prof. Ms. S. S. Khairnar, Prof. Ms. N. N. Jangle and Prof. Ms. S. A. Sagare have attended FDP of AICTE on "Incorporating Universal Human Values in Education" from 12/10/2020 to 16/10/2020. Prof. Ms. S. S. Khairnar attended AICTE sponsored one week STTP on "Challenges and Opportunities in Smart City Implementation in IoT Era" from 19/10/2020 to 23/10/2020. Prof. S. K. Shinde has attended ATAL FDP on "Productivity Enhancement" from 13/10/2020 to 17/10/2020.
- Electronics and Telecommunication Engineering Department staff Dr. K. S. Holkar and Mrs. R. V. Chothe have attended Online FDP on "Outcome Based Education and Accreditation" from 05/10/2020 to 09/10/2020 and STTP on "Advances in Biomedical Signal Processing" from 5/10/2020 to 10/10/2020. Mr. P. J. Mondhe has attended Online FDP on "Data Science" from 9/10/2020 to 13/10/2020. Mrs. K. Nirmalakumari and Mrs. M. P. Joshi have attended Online FDP on

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“Internet of Things” from 12/10/2020 to 16/10/2020. Prof. Dr. D. M. Chandwadkar, Dr. S. A. Patil (Ugale), Mrs. S. P. Munot, Mrs. M. P. Joshi, Mrs. V. R. Lele, Mrs. D. C. Shimpi and Mrs. S. V. Shelke have attended STTP on “Academic Innovations in Industry 4.0” from 19/10/2020 to 24/10/2020.

- Chemical Engineering staffs Prof. Varsha Parashar has attended STTP on “Industrial Pollution & Control Strategies” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar, Telangana from 05/10/2020 to 10/05/2020. Prof. Tejmal B. Mahale and Prof. Varsha Parashar have attended Online Training (IEEE) on IEEE Xplore Digital Library: Orientation Workshop organized by IEEE with KKWIEER, Nashik on 29/10/2020.
- Information Technology Departmental staff Prof. Kiran Somwanshi has attended AICTE Training and Learning (ATAL) Academy Online FDP on “Computer Science & Biology” organized by National Institute of Technology, Arunachal Pradesh. Prof. Ms. Smita Chaudhari has attended AICTE Training and Learning (ATAL) Academy Online FDP on “Block chain” organized by National Institute of Technology Meghalaya from 5<sup>th</sup> to 9<sup>th</sup> Oct. 2020. Prof. Umesh Gaikwad has attended AICTE Training And Learning (ATAL) Academy Online FDP on “Artificial Intelligence” KIIT Deemed to be University from 15<sup>th</sup> to 19<sup>th</sup> Oct. 2020. Prof. Ms. Smita Chaudhari has attended AICTE Training and Learning (ATAL) Academy Online FDP on “Internet of Things (IoT)” organized by Thiagarajar College of Engineering, Madurai from 19<sup>th</sup> to 23<sup>rd</sup> Oct. 2020. Prof. Ms. Rupali Bora attended five days Faculty Development Program (FDP) on “GPU Computing” organized by Vishwakarma Institute of Technology, Pune and sponsored by AICTE from 16<sup>th</sup> to 24<sup>th</sup> Oct. 2020. Prof. Umesh Gaikwad completed certificate course on “OnLine Teaching” with Distinction which was conducted by IUCEE.
- MBA department staff Dr. Saroj Dhake, Dr. Shamali Gadge, Prof. Ms. Amrutha Hippalgaonkar and Prof. Ms. Harshada Rayate have attended AICTE Sponsored Online STTP on “Business Analytics” from 12<sup>th</sup> to 17<sup>th</sup> October 2020. Dr. Ajinkya Joshi (I/c Registrar) attended Coursera course on “Managing Talent” on 30/10/2020 by University of Michigan.

#### ■ Training & Placement :

Name of Company	Name of the Dept.	No. of students selected
BirlaSoft	E & TC Engg.	01
FinIQ	E & TC Engg.	03
Capgemini	Electrical Engineering	02
	E & TC Engg	06
Mojj Engineering Pvt.Ltd.,Pune	Chemical Engg.	01
Capgemini, Pune	IT	05
BluePineapple, Pune	IT	02
Winjit Technologies, Nashik	IT	01
MSS Industries Pvt Ltd,Nashik	Production Engg.	03
Laxmi Agni Components and Forging Pvt. Ltd., Aurangabad	Production Engg.	03
Palnitkar and Patwardhan Chartered Accountants Firm	MBA	02

#### ■ Abstracts of papers presented during March-May 2020

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

Prof. Sandip B. Gunjal & Prof. Dr. P. J. Pawar

(Published paper in International Journal, Engineering Review, October, 2020)

**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 work-piece 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

