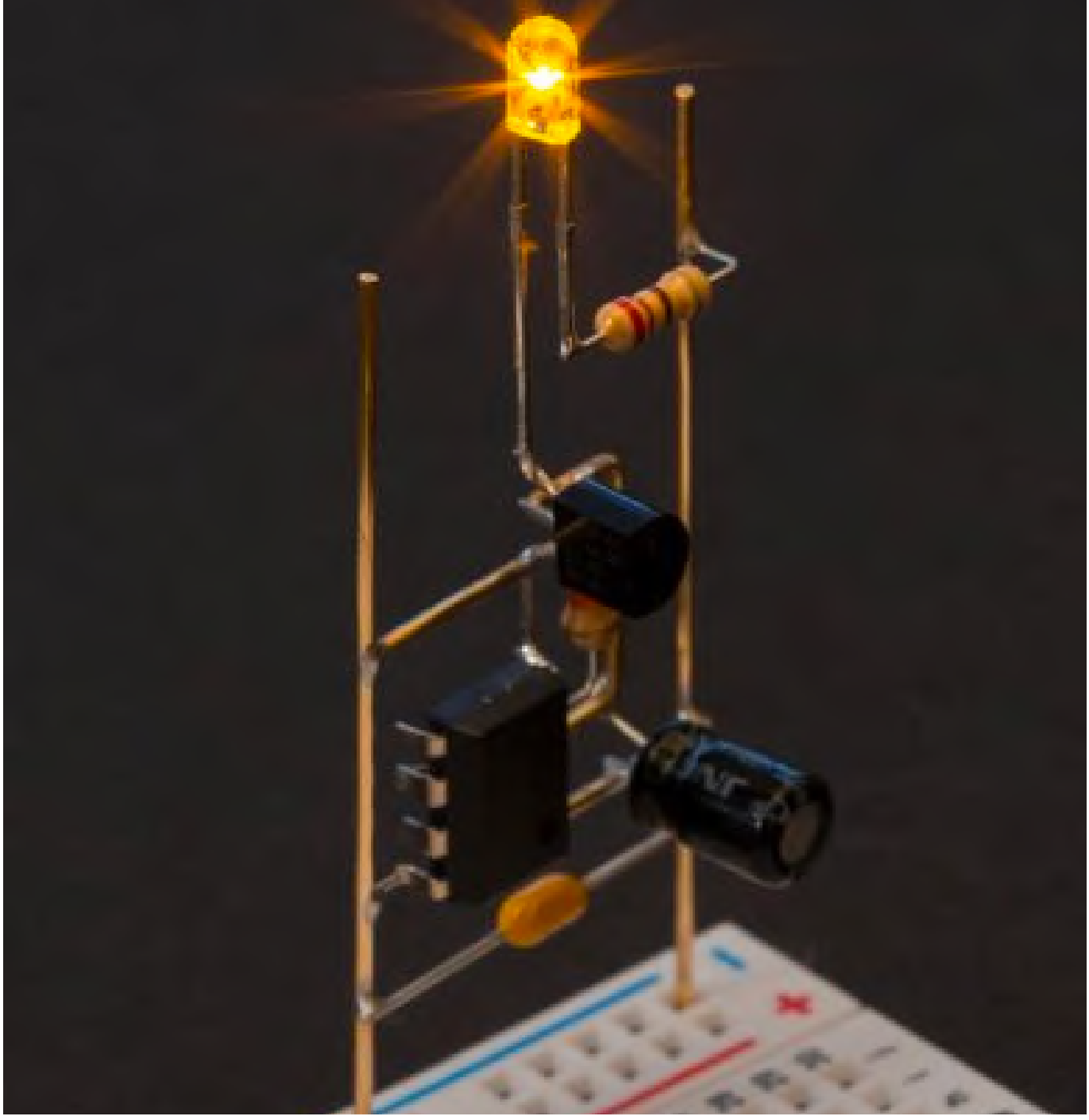
VOLUME 6: ISSUE 3 MAY 2023

THE ZENITH



CONTENT

SR. NO.		PAGE NO.
01	Telekinesis 2K23	01
02	Let's Not Panic	05
04	Expert Lecture/Seminars/Courses Organized	08
05	Industrial Visits organised by Department for Students	14
06	Awards received by Students	16
07	Industrial Training / Seminar / Workshop done by Staff	17

Telekinesis 2K23

- The Department of Electronics and Telecommunication of K.K. Wagh Institute of Engineering Education and Research, Nashik have organized Telekinesis 2K23 on 20th of May, 2023. All the students of E&TC department participated in the event. Events such as Project competition, Mini Project were organized for students.
- As the event was organized for a day so it was quite difficult for coordinators to manage but despite of all the event went quite well with the help of the mentor and coordinators.

Telekinesis 2K23

Extending Warm Felicitations to Our Esteemed Guests

To mark this momentous occasion of telekinesis, department featuring 'Pinnacle' magazine

Project understanding and evaluation by Mr. Pushkar Hiray

Telekinesis 2K23

The judges carefully evaluated each project in the project competition, taking the time to visit and assess every participant's work.

Dr. Jayant Joshi personally handed over the awards to the well-deserving winners of the project competition, acknowledging their exceptional performance.

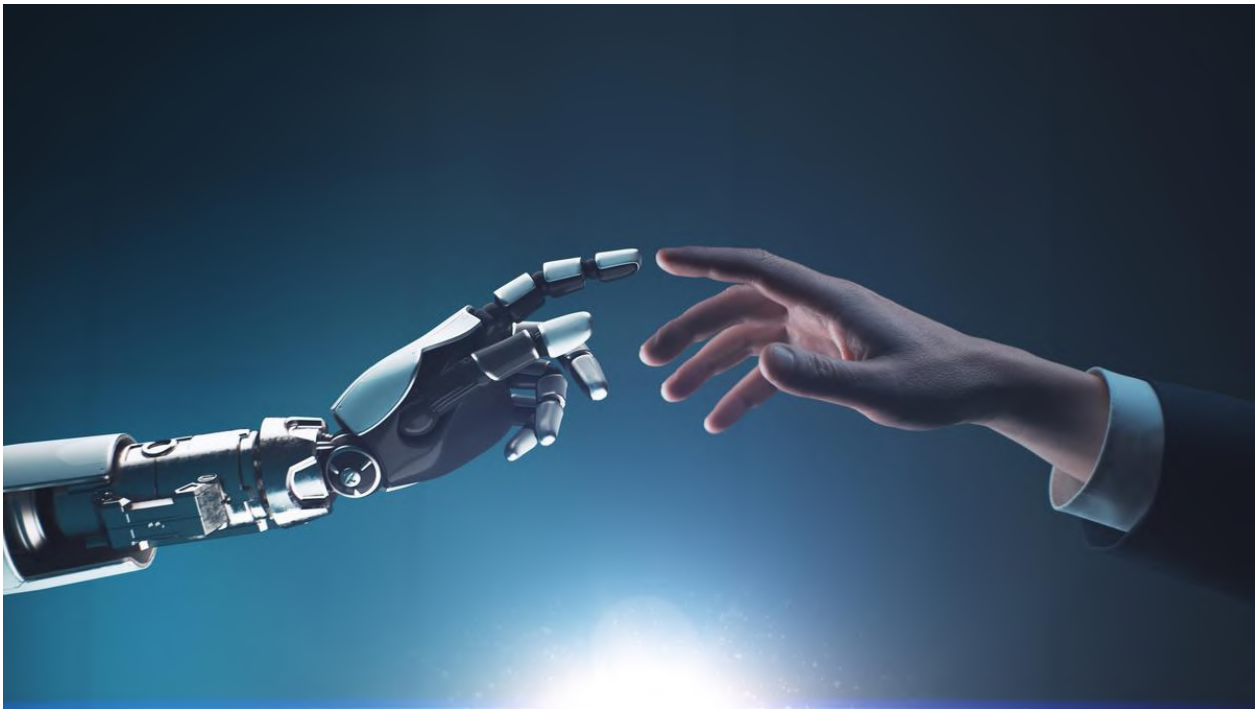
Mr. Pushkar Hiray personally handed over the awards to the winners of the project competition, acknowledging their exceptional performance.

Celebrating the Champions of Innovation and Ingenuity

Sr. No	Name of Students	Class	Rank
1	Sanika Anna Nagare	SE A	1st
2	Rohit Vasudev patil		
3	Vaishnavi Pardeshi		
4	Pankajsing Pardeshi		
5	Pranjali Rane		
6	Atharva Hirlekar	SE A	2nd
7	Tejashri Mahajan		
8	Krish Makwane		
9	Vineet Malur		
10	Vedant Markad		
11	Kaustubh Patil	SE B	1st
12	Devesh Pant		
13	Aditya Patil		
14	Prabodh Patil		
15	Varun Patil	SE B	2nd
16	Harsh Sayankar		
17	Amit Rai		
18	Vaibhav Shingane		
19	Tushar Sonar		
20	Nikhil Sonawane		
21	Ankush Hemant Joshi	TE A	1st
22	Amitesh Vijay Akhade		
23	Mohit Babulal Bagul		
24	Priyal Dere	TE A	2nd
25	Sahil Divekar		
26	Varad Gampawar		
27	Dnyanada Tikar	TE B	1st
28	Abhishek Bahadurkar		
29	Kashyap Malode		
30	Deven Patil	TE B	2nd
31	Isha Pawar		
32	Sushant Shelar		
33	Manish Patil		
34	Chinchore Vishvesh S	BE A	1st
35	Jadhav Vedang S		
36	Vyavhare Jayesh R		
39	Aher Om R	BE A	2nd
40	Dalvi Atharva M		
41	Lohiya Neha P		
42	Durgude Prathamesh	BE B	1st
43	Ruikar Sakshi		
44	Tiwar Bipinkumar		
45	Gangurade Aditya	BE B	2nd
46	Hingane Devang		
47	Mankar Shivam		

Let's Not Panic

Every new technology has to be mastered to be useful in the long run to complement the human capabilities.



Humans have always learned and mastered new technologies, but the technologies themselves cannot outsmart humans.

There is a certain awe, a deep fear among the regular users of the Internet that the artificial intelligence (AI), particularly in its ChatGPT mode, unveiled recently, may take away human jobs significantly in the face of the already declining job-market. The underlying fears arise from two things that baffle humans – the speed of ChatGPT while responding to queries in just a few seconds; and the near-correct answers offered by it, mostly due to the built-in selectivity to pick up only relevant details as it runs through huge data available to it, before it composes the answer.

Let's Not Panic

Speed comes inherently from the speed of the chips used, a data storage and processing technology that has been developing at a brisk pace ever since the first chips appeared in 1965 or so. Humans have always been stunned by new technologies which suddenly quickened the pace of numerical calculations, or speed in communication of data. For instance, the Slide Rule, or the Friden Machine Calculator, both of which were non-digital tools that caught up big in 1960s, did make an impact by providing much faster calculations, than ever before. Then came in 1980s the hand-held digital calculators, at least for the four basic arithmetic functions, viz. addition, subtraction, multiplication and division. Though several other functions like percentage, and more complicated algebraic, logarithmic or trigonometric functions, like sine or cosine, were incorporated into the hand-held calculator soon after, universal acceptability of the simple palm-held calculator came among even uneducated shopkeepers relatively fast in 1980s or so, due to its utility.

Instant Communication by fax or email received public acceptance in less than a decade after their introduction, again due to its huge utility in business communications. Smartphones came and made a huge impact on everyday human life, by offering audio and video calls, GPS and so on to the whole humankind, inexpensively. Use of lasers to scan coded info at supermarkets also got quick acceptability due to the speed that it offered. Still, humans could not be sidelined totally by such technologies. Even to this date, the cashiers at shopping malls need to phone up, though rarely, to seek help from their database on pricing, when the laser scanner shows helplessness.

Selectivity while responding to a human user, in just a few seconds, after choosing just the relevant data, from the mounds lying stored on the Internet or the Cloud, makes ChatGPT truly awe-inspiring, and renders the Google search look like its poor cousin.

Let's Not Panic

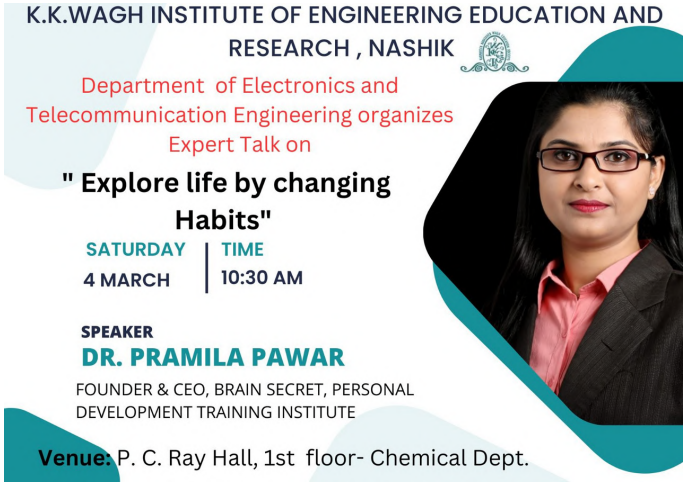
Every new technology has to be mastered to be useful in the long run to complement human capabilities. Humans have always learned and mastered new technologies, but the technologies themselves cannot outsmart humans, in several specific aspects. For example, human emotions, including nuances of social and cultural parameters used conventionally by humans, cannot be exercised by chatbots or AI, or Machine Learning. Humans can look out of the window and make a reasonable prediction about the impending rains or a storm, vis-a-vis the most powerful computers deployed for weather forecasting, which often fail to make a reliable prediction for farmers or city-dwellers. Similarly, the translation from one language to another, made by computers, or chatbots leaves much to be desired. Humans use exact words from dialects, which are meaningful to local nuances while conversing or translating, and even aid it with gesticulations, a marvelous expertise, that is not easy to be beaten by Bots, so soon.

Cheating by humans, like withholding the natural reaction of either appreciating the correct response of the chatbots, or declaring that the response of the chatbot was not correct, gives humans an edge over chatbots. So, hang on. Humans have proven capacity to match and then master new technologies, historically. Let us not oppose the use of the chatbots, but rather employ them for socially and economically beneficial end-uses. After all, we could not stop the use of smartphones by schoolchildren. Could we? So, let us not panic at the advent of AI or ChatGPT, but wait to assimilate their usage in human endeavours.

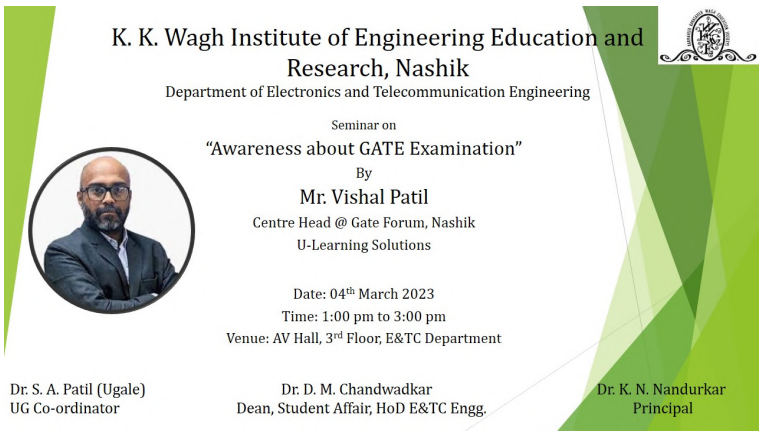
Open Page, The Hindu,
April 9, 2023
By J.V. Yakhmi

Expert Lectures/Seminars/Courses Organised

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Explore Life By Changing Habits” by Dr. Pramila Pawar (Founder and CEO, Brain Secret, Personal Development Training Insitute) on 4th March 2023.



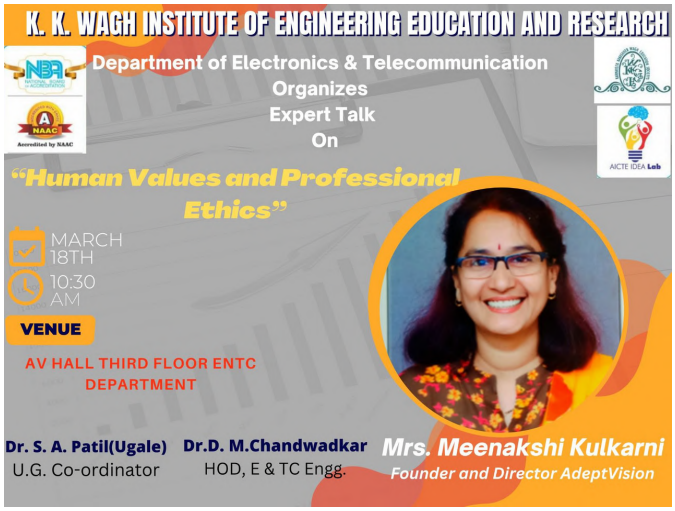
- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Awareness about GATE Examination” by Mr. Vishal Patil (Centre Head, Gate Forum | U-Learning Solutions) on 4th March 2023.



Expert Lectures/Seminars/Courses Organised

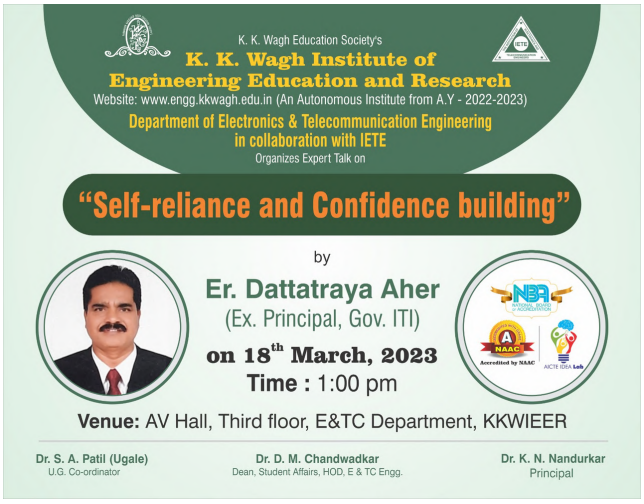
- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Digital Marketing” by Mr. Rohit Deoo (Founder, Alive Digital) on 16th and 17th March 2023.

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Human Values and Professional Ethics” by Mrs. Meenakshi Kulkarni (Founder and Director, AdeptVision) on 18th March 2023.

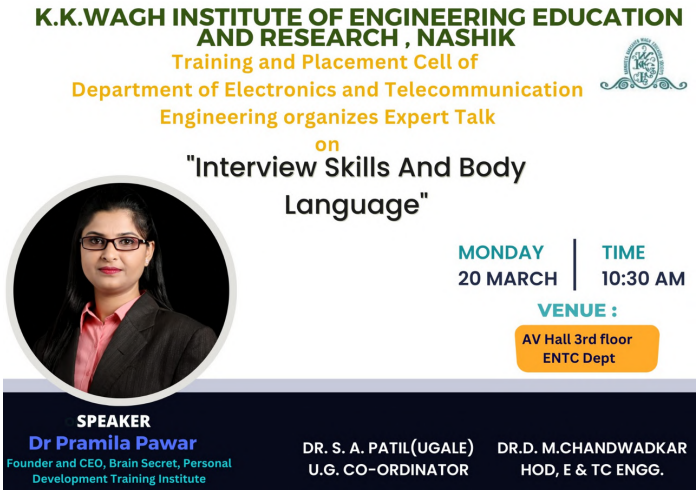


Expert Lectures/Seminars/Courses Organised

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Self-reliance and Confidence building” by Er. Dattatraya Aher (Ex. Principal, Gov. ITI) on 18th March 2023.

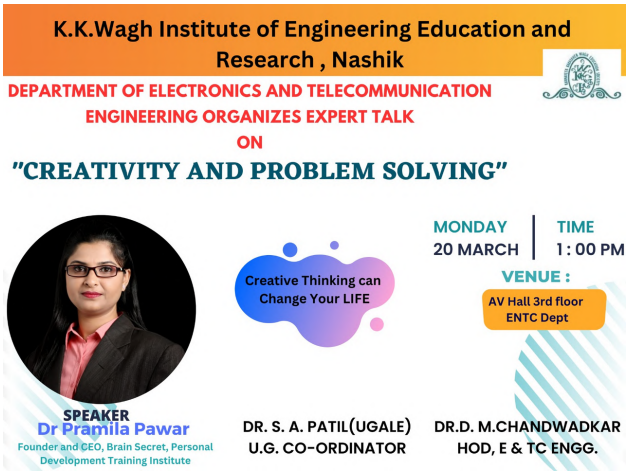


- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Interview Skills and Body Language” by Dr. Pramila Pawar (Founder and CEO, Brain Secret, Personal Development Training Insitute) on 20th March 2023.



Expert Lectures/Seminars/Courses Organised

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Creativity and Problem Solving” by Dr. Pramila Pawar (Founder and CEO, Brain Secret, Personal Development Training Insitute) on 10th March 2023.

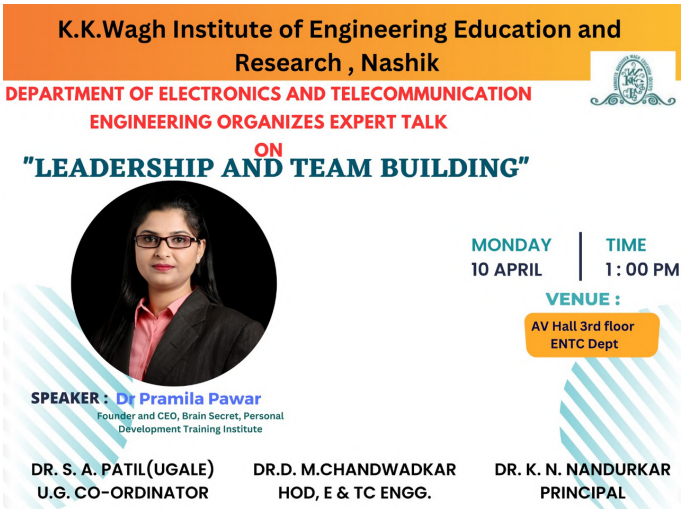


- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Introduction to Software Defined and Cognitive Radio” by Dr. Raghunath S. Bhadade (Assistant Professor, Dr. Vishwanath Karad MIT-WPU, Pune) on 25th March 2023.

Expert Lectures/Seminars/Courses Organised

- Training and Placement Cell and the Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Requirements in Automation Industries” by Mr. Rajendra Kodmelwar (Business Head, AMT Skill Development Institue,Nashik) on 10th April 2023.

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Leadership and Team Building” by Dr. Pramila Pawar (Founder and CEO, Brain Secret, Personal Development Training Insitute) on 10th April 2023.



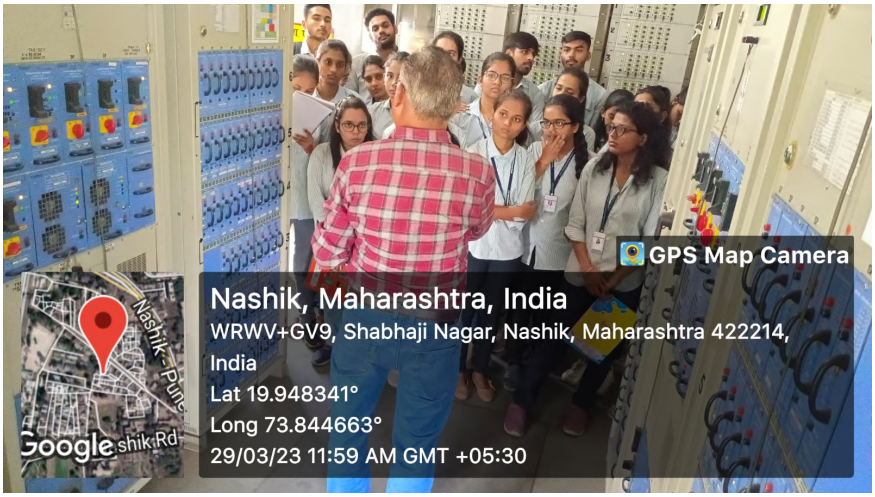
Expert Lectures/Seminars/Courses Organised

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on “Opportunities in Space” by Mr. Pushkar Sunil Hiray (B. Tech E&TC, Avionics, IIST, Thiruvanantapram) on 18th April 2023.

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized expert talk on "Fundamentals of IPR" by Dr. S. A. Patil (Ugale) (Institute Coordinator, K. K. Wagh) on 26th April 2023.

Unraveling the Dynamics of a Nashik Road Railway Station through Industrial Visit

From witnessing the seamless coordination of trains arriving and departing to observing the dedicated staff managing various operations, this visit offers valuable insights into the functioning of one of the world's largest railway networks.



Insights into the art of effective Broadcasting through industrial visit to Radio Vishwas

From understanding the technical aspects of radio transmission to experiencing the creative process of producing captivating content, this visit offers an insightful glimpse into the functioning of a radio station.

Awards received by Students

The project "Sprinkler Changer Bot" developed by students of KK Wagh receives the prestigious first prize in the state-level exhibition cum competition for working models, held under the theme of agricultural technology.

- **Dnyanada Tikar**
- **Kashyap Malode**
- **Abhishek Bahadurkar**

The students of attained the remarkable achievement of securing the second position in the project competition organized by the Students Association of Robotics and Automation.

- **Aniket Jagtap**
- **Deven Patil**
- **Manish Patil**
- **Sushant Shelar**

Industrial Training / Seminar/Workshop done by Staff

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized Workshop on "Electric vehicle Design Technology with MATLAB" by Prof. K. S. Navale from 8th March to 10th March 2023.

- Department of Electronics and Telecommunication Engineering of K. K. Wagh Institute of Engineering Education and Research Nashik, Students' Association of Electronics Engineers (SAEE) in collaboration with IETE Nashik subcenter organized webinar on “PCB Design” by Mr. Mohan Dhotre (Hardware Engineer, Johnsons Control, Pune) on 24th April and 29th April 2023.

Industrial Training / Seminar / Workshop done by Staff

Sr. No.	Name of faculty	Subject
1	P. P. Patil	Recent Trends in Antennas for Multifield Applications
2	S. D. Raut	Recent Trends in Machine Learning
		Research Methodology: The Practical Approach
3	S. R. Baji	Innovation, Research and IPR - Journey Towards Excellence
		Research Writing
		Deep Learning and Computer Vision A-Z: OpenCV, SSD & GANs

Industrial Training / Seminar / Workshop done by Staff

Sandip Foundation's
Sandip Institute of Engineering and Management Nashik
Department of Electronics and Telecommunication

CERTIFICATE OF PARTICIPATION

This is to certify that **PUJA PATIL** of **K.K.W.I.E.E.R,NASHIK** has participated in One Week Faculty Development Program on **"RECENT TRENDS IN ANTENNAS FOR MULTIFIELD APPLICATIONS"** organized by **Department of Electronics and Telecommunication Engineering** of Sandip Institute of Engineering and Management, Nashik which was scheduled from 28/02/2023 to 04/03/2023.

Date: 09/03/2023

Certificate No. : FDP/SIEM/ENTC/2023/02

Prof Amit Mishra	Prof Y R Risodkar	Prof (Dr.) Dipak Patil
Coordinator	HOD E & TC	Principal

Sinhgad Technical Education Society's
SINHGAD ACADEMY OF ENGINEERING
Kondhwa (Bk), Pune – 48.
NAAC Accredited With Grade- "A"

Certificate of Participation

This is to certify that **Mrs Snehal Dipak Raut** has successfully completed National Level One Week Online Faculty Development Program on **"Research Methodology: The Practical Approach"** held during **24th - 28th April 2023** organized by department of Electronics and Telecommunication Engineering, at Sinhgad Academy of Engineering, Kondhwa(Bk), Pune 48

Dr. D.K. Kamat	Prof A.B. Ingole	Dr.K.M Gaikwad	Dr.K.P Patil
Co-Ordinator	Convener	HOD & Vice Principal	Principal

One Week National Level Faculty Development Program on

" INNOVATION, RESEARCH AND IPR - JOURNEY TOWARDS EXCELLENCE "

from 1st March 2023 — 5th March 2023

CERTIFICATE OF COMPLETION

PRESENTED TO :

Mrs. Seema Ravindra Baji

for successfully completing the One Week Online National Level Faculty Development Program on "INNOVATION, RESEARCH AND IPR - JOURNEY TOWARDS EXCELLENCE" held from 1st March 2023 — 5th March 2023 organized by BVB's Sardar Patel College of Engineering, Mumbai & HSM's Shri. Sant Gadge Baba College of Engineering & Technology, Bhusawal in collaboration with SAE India Western Section, Institution's Innovation Council, Indian Institution of Industrial Engineering and Federation of Education Leaders and Administrators under IQAC of SPCE, Mumbai and SSGBCOE&T, Bhusawal.

CERTIFICATE NO. 102231RIPR0143

Dr. Santosh Rane	Dr. Rahul Barjibhe	Dr. M.M Muruti
Convener	Principal,	I/c Principal,
Former Dean Academics and Faculty, SPCE Mumbai	SSGBCOE&T Bhusawal	SPCE Mumbai

K. K. Wagh Education Society's
K. K. Wagh Institute of Engineering Education and Research, Nashik
Amrutdham, Panchavati, Nashik - 422003
Department of Electrical Engineering

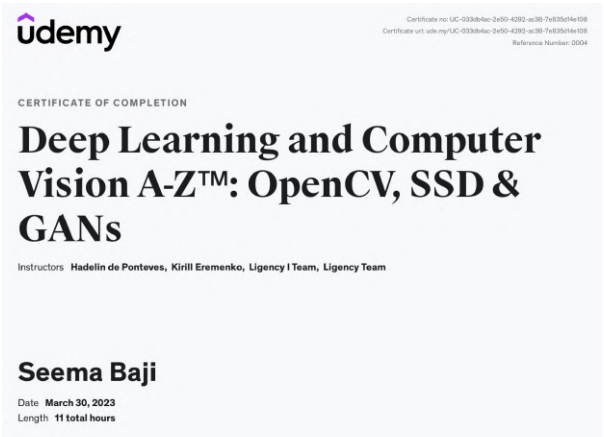
Certificate

This is to certify that Mr./Ms./Prof./Dr. Seema Ravindra Baji from KK Wagh Institute of Engineering Education & Research, Nashik has successfully completed 30 hours **Certificate Course** on " **Research Writing** " from January 30, 2023 to March 10, 2023 and has secured the A Grade.

During the course the following tasks and activities are completed by the participants. (No. of credits recommended – 2)

- Writing and publishing research paper (Assignments 1 to 8) (18 hrs.)
- Writing research proposal (Assignments 9 to 12) (12 hrs.)

Prof. Dr. R. K. Munje	Dr. K. N. Nandurkar
Course Teacher	Director
Professor, I/C HOD, (Electrical Department)	K. K. Wagh I. E. E. & R., Nashik



udemy

Certificate no: UC-033db4ac-2e50-4292-ac38-7e835d14e108
Certificate url: ude.my/UC-033db4ac-2e50-4292-ac38-7e835d14e108
Reference Number: 0004

CERTIFICATE OF COMPLETION

Deep Learning and Computer Vision A-Z™: OpenCV, SSD & GANs

Instructors **Hadelin de Ponteves, Kirill Eremenko, Ligency I Team, Ligency Team**

Seema Baji

Date **March 30, 2023**
Length **11 total hours**

AISSMS COLLEGE OF ENGINEERING

IETE Students Forum(ISF) and Professional Activity Centre of IETE

Faculty Development Program
Recent Trends in Machine Learning

Certificate of Participation..!

This is to certify that, **Mrs. Snehal D. Raut** of **KK Wagh College of Engineering, Nashik** has attended **one week "Faculty Development Program"** on **"Recent Trends in Machine Learning" under the aegis of IETE Student Forum and Professional Activity Centre of IETE, New Delhi** organized by Department of E&TC, **AISSMS College of Engineering, Pune** from 13th March 2023 to 17th March 2023.

Mr. V. B. Gawai	Mr. S. B. Dhekale	Dr. S. B. Dhonde	Dr. D. S. Bormane
Co-ordinator	Co-ordinator	HOD E&TC Engg. & Co-convener	Principal AISSMS COE, Pune & Convener Vice President IETE, New Delhi

Published by Department of of E&TC

K. K. Wagh Institute of Engineering Education & Research, Nashik

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik-422003.

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- **Aditi Tijare**
- **Aniket Jagtap**
- **Deven Patil**
- **Manish Patil**
- **Samyak Shingi**

VISION

Provide quality education to create engineering professionals of global standards by keeping pace with rapidly changing technologies to serve the society.

MISSION

M1: To educate the students with the state-of-the-art technologies and value based education to meet the growing challenges of industry.

M2: To provide scholarly ambience & environment for creating competent professionals.

M3: To inculcate awareness towards societal needs.