The Zenith

Contents:

Digital content on track to equal half 'Earth's mass' by 2245

As we use resources, such as coal, oil, natural gas, copper, silicon and aluminum, to power massive computer farms and process digital information, our technological progress is redistributing Earth's matter from physical atoms to digital information -- the fifth state of matter, alongside liquid, solid, gas and plasma.

Eventually, we will reach a point of full saturation, a period in our evolution in which digital bits will outnumber atoms on Earth, a world "mostly computer simulated and dominated by digital bits and computer code," according to an article published in AIP Advances, by AIP Publishing.

It is just a matter of time. "We are literally changing the planet bit by bit, and it is an invisible crisis," author Melvin Vopson said. Vopson examines the factors driving this digital evolution. He said the impending limit on the number of bits, the energy to produce them, and the distribution of physical and digital mass will overwhelm the planet soon.

For example, using current data storage densities, the number of bits produced per year and the size of a bit compared to the size of an atom, at a rate of 50% annual growth, the number of bits would equal the number of atoms on Earth in approximately 150 years.

It would be approximately 130 years until the power needed to sustain digital information creation would equal all the power currently produced on planet Earth, and by 2245, half of Earth's mass would be converted to digital information mass.

"The growth of digital information seems truly unstoppable," Vopson said. "According to IBM and other big data research sources, 90% of the world's data today has been created in the last 10 years alone. In some ways, the current COVID-19 pandemic has accelerated this process as more digital content is used and produced than ever before."

Vopson draws on the mass-energy equivalence in Einstein's theory of general relativity; the work of Rolf Landauer, who applied the laws of thermodynamics to information; and the work of Claude Shannon, the inventor of the digital bit. In 2019, Vopson formulated a principle that postulates that information moves between states of mass and energy just like other matter.

"The mass-energy-information equivalence principle builds on these concepts and opens up a huge range of new physics, especially in cosmology," he said. "When one brings information content into existing physical theories, it is almost like an extra dimension to everything in physics."

Implantable transmitter provides wireless option for biomedical devices

Purdue University innovators are working on inventions to use micro-chip technology in implantable devices and other wearable products such as smart watches to improve biomedical devices, including those used to monitor people with glaucoma and heart disease.

The Purdue team developed a fully implantable radio-frequency transmitter chip for wireless sensor nodes and biomedical devices. The research is published in the journal IEEE Transactions on Circuits and Systems II. The transmitter chip consumes lowest amount of energy per digital bit published to date.

The transmitter works in a similar fashion to communication technology in mobile phones and smart watches, but the Purdue transmitter has an unprecedented level of miniaturization and low-energy consumption that it can be implanted into an eye to monitor pressure for a glaucoma patient or into another part of the body to measure data related to heart functions.

"A transmitter is an integral part of these kinds of devices," said Hansraj Bhamra, a research and development scientist who created the technology while he was a graduate student at Purdue. "It facilitates a wireless communication between the sensor node or biomedical device and a smart phone application. The user can simply operate the device through a smart phone application and receive the biophysiological data in real-time. The transmitter in this case enables a 24-hour intraocular pressure monitoring for glaucoma patients"

The Purdue transmitter chip works with sensor nodes in a process similar to the way sensors in the smart cars and other Internet of Things devices connect through various communication components to achieve tasks such as auto-driving.

"In addition to being low power, our transmitter operates on wireless power to replace the conventional batteries," said Pedro Irazoqui, the Reilly Professor of Biomedical Engineering and professor of electrical and computer engineering at Purdue. "Batteries are undesirable since they increase the device size and weight and make it uncomfortable for patients. In addition, the batteries are built of toxic material and require frequent recharging or replacement surgeries."

- A webinar was conducted on "Presentation Skills" on 2nd September 2020 by Mr.Puneet Raman, Director, Prowisdom Growth Pvt.Ltd.

- A workshop was conducted on "IITB Virtual Lab Nodal Centre workshop" by Prof. Dr. D. M. Chandwadkar and Dr. S. A. Patil on 4th September 2020.

- A webinar was conducted on "5G and Opportunities" on 4th September 2020 by Mr. Nitin Mahajan, IES, General Manager, BSNL.

- A National Level Workshop was conducted on "Terrestrial FM Broadcasting in India" by Mr. Naveen Goyal , Broadcast Consultant On 7th , 9th and 11th September 2020

- Webinar on "FPGA Design using XIlinx Vivado" by Mr.Hemant Kumar, Application Engineer, CoreEL Technologies, Bangalore for Students and staff on 10th September 2020.

- Webinar on "Industrial & Rolling Stock Applications of Power Electronics" by Mr. Hitesh Dhokiya, Head of Engineering and R&D, Siemens India Ltd. on 15th September 2020.

- IPR Cell of K. K. Wagh Institute of Engineering Education & Research, Nashik in collaboration with IETE Nashik subcenter organizes National Level webinar on "Glimpses of IPR and Recent Trends" by Mr Nakul Sharedalal, Founder, NS Legal and Advisor, GR Foundation, Ahmedabad on 18th September 2020

- Webinar On "'AI and Robotics in Biomedical" by Ms. Smital Chandrasekhar Dhake, Robotics Engineer at a Research Lab, King's College, London on 21st September 2020.

- Webinar On "'AI ML DL- Use cases and Insights" By Mr Balachandran Natarajan , IT HR Products and Analytics People Leader at Ford Motor On 26th September 2020

- Webinar On " Disaster Management " By Mr. Atharva Patil, Ex. Warden, Govt. of Maharashtra, Civil Defence Organization on 30th September 2020

- Online workshop on "Voyage into Space" By Prof. Dr. Gireesh P. Pimpale, Ex. Associate Professor and Head, Department of Physics, HPT Arts and RYK Science College, Nashik on 1st October 2020

- A webinar on " Project detailing discussion with final year students" By Mr.Jagdish A Ugale, Senior Software Engineer, TAS Power Tek Ltd. Nashik on 3rd October 2020

- Webinar on "LASER Interferometer Gravitational Wave Observatory (LIGO)" by Mr. Ashish Mhaske, Scientist, IUCAA, Pune on 5th October 2020

- Webinar On "'Integrating Project with HDL Programming" By Mr. Pravin Ambekar, Proprietor: C-DSP , Aurangabad On 8th October 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 9th October 2020.

- Webinar on " Performance Mapping and Career Benchmarking for a Successful Career " by Dr. Rupali Pawar, PhD E&TC, Founder and CEO, Techie Mindz on 14th October 2020.

- Webinar on "Application of Electronics in Diamond Detection Instruments" by Mr. Rajiv Sahasrabudhe, Technical Manager, De Beers Group Industry Services, Mumbai on 15th October 2020.

- Webinar on "Stepping into the Professional World" by Mrs. Meenakshi Kulkarni, MBA (Finance Management) 16th October 2020.

- Webinar on "Start-ups & Intellectual Property" by Mr. Abhijit K. Bhand, Founder & CEO, Kanadlab Institute of Intellectual Property & Research 20th October 2020.

Industrial Training / Seminar/Workshop done by Staff

- Mr. R. R. Khinde and Mrs. V. R. Lele have completed a STTP on "Advances in Biomedical Signal Processing with Hands-on" from 7th September to 12th September 2020.

- Mr. N. M. Bhujbal has participated in FDP on "Sensor Technology" organized by AICTE Training and Learning (ATAL) Academy from 7th September to 11th September 2020.

- Mrs. P. P. Patil has participated in FDP on "Internet of Things (IoT)" organized by AICTE Training and Learning (ATAL) Academy from 7th September to 12th September 2020.

- Mrs. A. H. Dhangare has participated in FDP on "Leadership & Excellence" organized by AICTE Training and Learning (ATAL) Academy from 7th September to 12th September 2020.

- Prof. Dr. M. R. Admane (Satone) selected as reviewer member for Indonesian Journal of Electrical Engineering and Computer Science.

- Ms. J. R. Shinde and Ms. V. S. Taware have participated in workshop on " Outcome Based Education and Accreditation" organized by G. H. Raisoni Institute of Engineering & Technology, Nagpur on 11th September 2020.

- Mrs. D. C. Shimpi has participated in FDP on "Internet of Things (IoT)" organized by AICTE Training and Learning (ATAL) Academy from 14th September to 18th September 2020.

- Prof. Dr. D. M. Chandwadkar, Dr. S. A. Patil (Ugale), Mrs. S. V. Shelke and Mr. D. D. Khartad have participated FDP on "Design Thinking" organized by by AICTE Training and Learning (ATAL) Academy from 21st September to 25th September 2020.
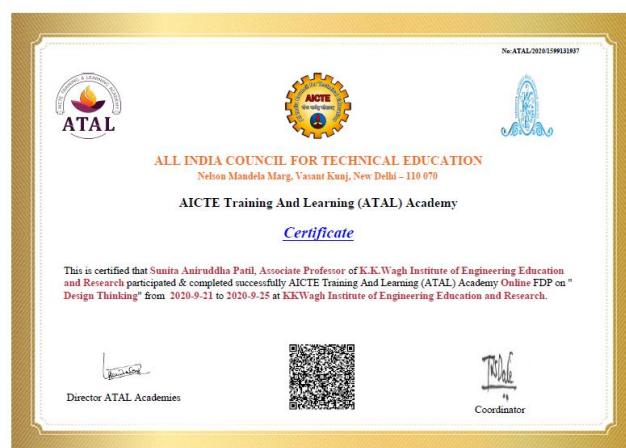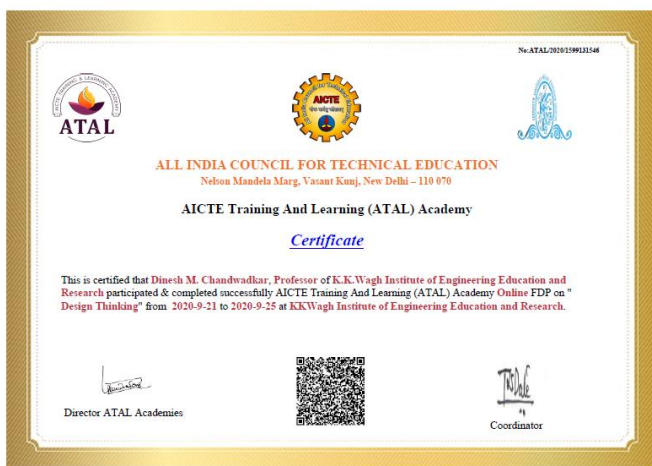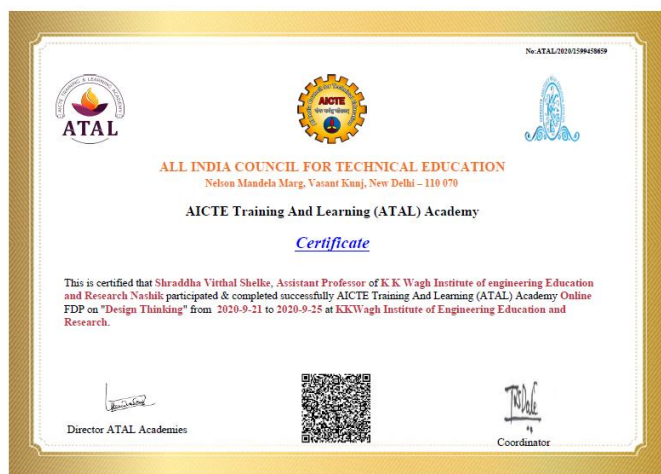
- Dr. K. S. Holkar has participated in FDP on "Sensor Technology" organized by AICTE Training and Learning (ATAL) Academy from 21st September to 25th September 2020.
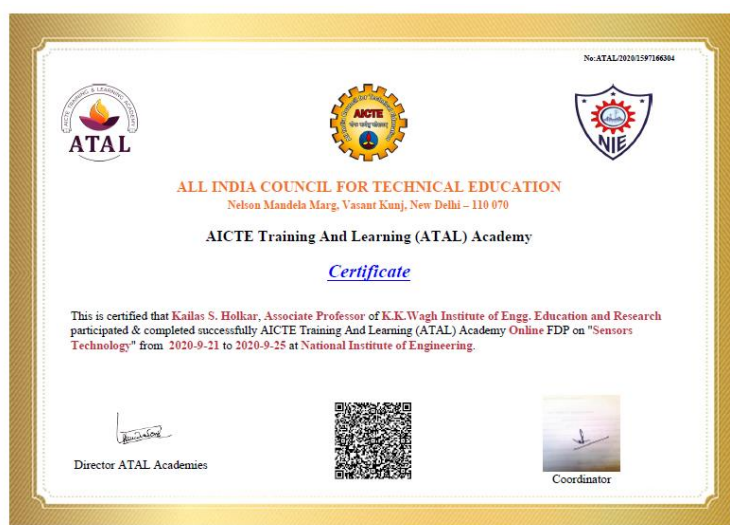
- Mrs. S. P. Munot (Bhabad) has participated in FDP on "Smart Cities" organized by AICTE Training and Learning (ATAL) Academy from 21st September to 25th September 2020.
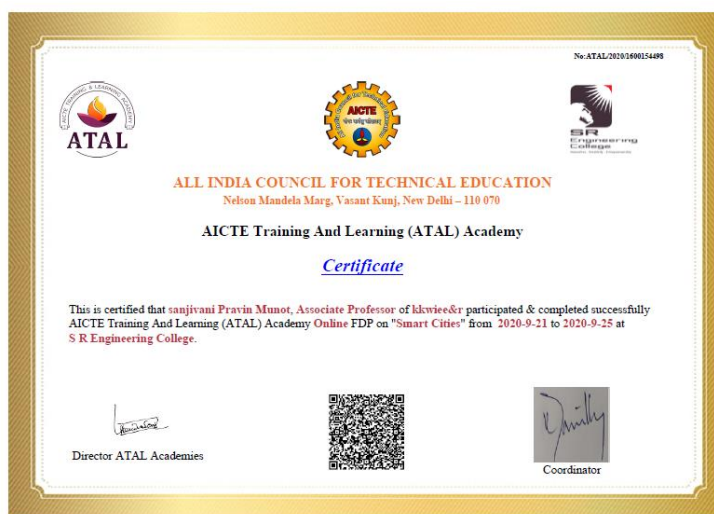
- Mr. D. D. Khartad and Mr. Aniket Arya have completed 6 courses under the specialization of "An Introduction to Programming the Internet of Things (IOT) from coursera and University of California, Irvin.

- Dr. K. S. Holkar and Mrs. R. V. Chothe have participated in FDP on "Outcome Based Education and Accreditation" organized by ISTE, Telangana State Section in association with JNTU College of Engineering, Jagtial Mahatma Gandhi Institute of Technology, Hyderabad from 05th October to 10th October 2020.
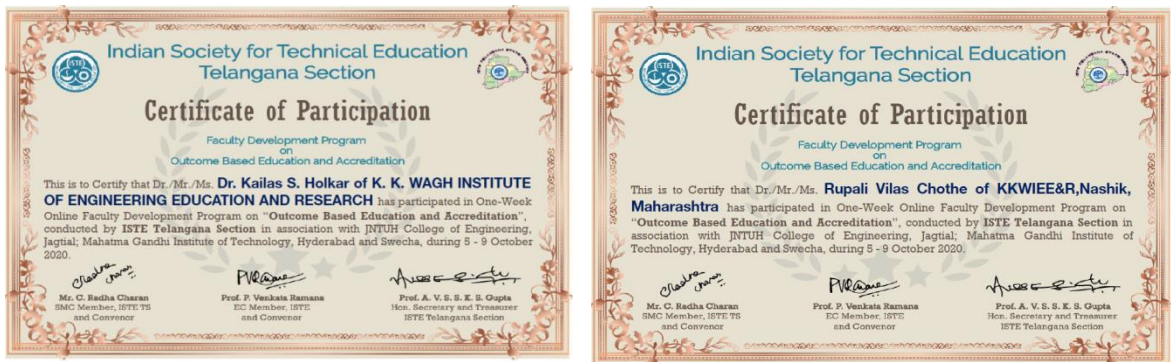

- Dr. K. S. Holkar has completed a STTP on "Advances in Biomedical Signal Processing with Hands-on" from 5th October to 10th October 2020.

- Mr. K. S. Navale was the resource person for the topics Comparison of Semiconductor, material, switches, thyristor, MOSFET, GTO, IGBT, Uncontrolled and controlled rectifier at Indian Railways Institute of Electrical Engineering, Nashik on 9th October 2020.

- Mr. P. J. Mondhe has participated in FDP on "Data Science" organized by AICTE Training and Learning (ATAL) Academy from 9th October to 13th October 2020.

- Mrs. K. Nirmalakumari and Mrs. M. P. Joshi have participated in FDP on "Internet of Things (IoT)" organized by AICTE Training and Learning (ATAL) Academy from 12th October to 16th October 2020.

- Prof. Dr. D. M. Chandwadkar was the resource person for the topic Advance Features of Microsoft Word, Expert Features of Microsoft Power Point and Basic of Microsoft Excel at Indian Railways Institute of Electrical Engineering, Nashik on 14th October 2020.

- Dr. S. A. Patil (Ugale) was the resource person for the topic Advance Features of Microsoft Excel-I and II at Indian Railways Institute of Electrical Engineering, Nashik on 15th October 2020.

- Dr. S. A. Patil (Ugale) selected as Advisory Committee Member of "International Conference on "Recent Trends and Developments in Applied Research and Industrial Practices" (ICRTDARIP-2K20)" held on November 20th & 21st 2020 at Amity University, Kolkata.
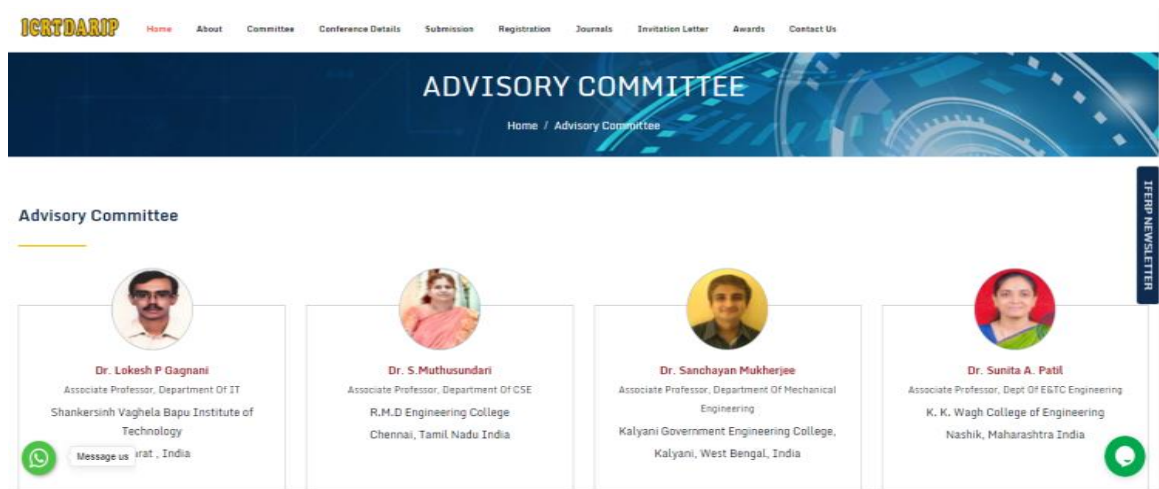
- Prof. Dr. D. M. Chandwadkar, Dr. S. A. Patil, Mrs. S. P. Munot, Mrs. M. P. Joshi, Mrs. V. R. Lele, Mrs. D. C. Shimpi and Mrs. S. V. Shelke have participated in STTP on "Academic Innovation in industry 4.0" organized by Vishwakarma Institute of Information Technology, Pune from 19th October to 24th October 2020.

Campus Placement

Sr. No.	Name of the Company	No. of students Placed
1.	BirlaSoft	1
2.	FinIQ	3
3.	Capgemini	6

On the occasion of Dasara, E & TC Department has organized inauguration of following 3 activities on 24th October 2020 at the hands on Prof. K. N. Nandurkar (Principal, KKWIEER) in the presence of Prof. D. M. Chandwadkar (HoD, E&TC) and staff members of the department.

1. Inauguration of Center of Excellence by Emerson Export Engineering Center, Ambad, Nashik.

Emerson is a diversified global manufacturing and technology company. Emerson system and solutions business unit (SYSS) and its project engineering center at Pune (IEEC) donated its state of the art control system DeltaV (equipment) to the Department of Electronics and telecommunication, at Institute in order to provide an opportunity to the students in the institute to get hands on experience on the latest automation system The total amount of funding in the form of Equipment: INR 17, 01,291/-. The MoU for this center is signed by Prof. D. M. Chandwadkar (HoD, E&TC), Prof. K. N. Nandurkar (Principal) and Mr. Rajesh Bhave (Vice-President,EEEC).

K. K. Wagh Education Society's

K. K. Wagh Institute of Engineering Education and Research

Hirabai Haridas Vidyanagari, Amrutdham, Panchvati, Nashik, Maharashtra-422003

Center of Excellence by Emerson Export Engineering Center, Ambad, Nashik

About Emerson :-
- Emerson is a diversified global manufacturing and technology company
- Emerson India is authorized by its objects to donate funds and Institute is empowered to raise/receive funds for the purpose of carrying out and achieving its objectives.
- Emerson system and solutions business unit (SYSS) and its project engineering center at Pune (IEEC) donated its state of the art control system DeltaV (equipment) to the Department of Electronics and telecommunication engineering at Institute in order to provide an opportunity to the students in the institute to get hands on experience on the latest automation system

Objectives :-
- Institute will use the system for training students
- To provide them an exposure to latest trends in process automation.
- To include topics in curriculum which will help their graduate and postgraduate students to understand process automation topics and conduct practical experiments on the equipment.

MoU signed on: 18/09/2019

The total amount of funding in the form of Equipment: INR 17,01,291/-

Date of Receipt of Equipment: 16/01/2020

Dr. D.M Chandwadkar
Head of the department

Dr. K. N. Nandurkar
Principal

Rajesh Bhave
Vice President, EEEC

2. Inauguration of Modernization of Microwave and Optical Communication Laboratory (Under the MODROB Scheme of AICTE, Government of India)

The Microwave and Optical Communication laboratory will be modernized and its functional efficiency will be increased. It is used to provide hands-on experience of cutting edge Optical Simulation Software and Vector Network Analyzer. The lab will be used to promote new innovations in the field of microwave and optical communication. It is will also used to encourage development of microwave and optical communication projects to fulfill contemporary needs of society and to provide research and consultancy facilities to industries related to microwave and optical communication. The AICTE has sanctioned amount Rs. 10, 62, 353/- for this lab. Prof. Dr. S. A. Patil (Ugale) is Incharge of this lab and Prof. Dr. D. M.

Chandwadkar is MODROB Co-ordinator for the same.

3. Inauguration of Skill & Personality Development Program Centre (SPDC) For SC/ST Students (Sponsored by AICTE)

The center is will be used to improve English proficiency to communicate effectively, to develop effective presentation skills and to make students self-confident by mastering inter-

personal, team management, and leadership skills. Similarly it is also used to facilitate SC/ST candidates for employability and build entrepreneurship skill. The center is sponsored

by AICTE and received grant Rs 16, 64,585/-. Prof. K. N. Nandurkar is Chairperson and Ms. S. P. Munot is the coordinator for the center.

TELEKINESIS-2020

About Telekinesis

"Times are uncertain. But one thing is sure, our country is strong and we will all endure"

This pandemic COVID-19 has changed all our lives so much. COVID-19 has accelerated the need for up-skilling and has shown clearly that the future of learning will be profoundly personalized and supported by technology. We are committed to empowering students to skill themselves in emerging technologies and to thrive in a digital future when we are all trying to return to normal. Our students are still cooped up at their home. Time is of the essence and we believe that our student's spirits must not get tampered with.

Thereafter, 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 Nikolaindustry in collaboration with I.E.T.E, Nashik Sub center event online to prepare them to compete in the future competitive world and not compromising on our student's future. 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 grandly and successfully in our college with so many students participating coming from all 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 in their own developed platform www.kkwtelekinesis.com.

Nikolaindustry is a service agency that helps to convert your business vision into reality. This is a lead by a passionate and hardworking team of students from our college. They have developed this user-friendly effective web application. A very effective, consistent, clutter-free navigation system does provide a very seamless experience. There was each section of competitions where students can submit their work. Every competition as well as results was declared in the portal itself.

The event was held online on 27th, 28th, and 29th October 2020 with an aim of awakening student's imagination and resonating their skills with us. The competitions were Project competition, Photography Competition, Coding Competition, Essay competition, Poetry Competition, Poster Competition, and Quiz Competition.

We hoped for getting maximum participation from the student's side and it certainly did. We feel so glad to say that from the safety of the house students could participate and share their work with us.

There were no entry fees for participation. The students eligible to participate were Junior college students (11th and 12th 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.

Pillars of Strength for Telekinesis:

Patron: Hon. Shri. Balasaheb D. Wagh (President, K.K. Wagh Education Society, Nashik)

Program Chair: Prof. Dr. K. N. Nandurkar (Principal, K.W.I.E.E.R, Nashik)

Convener:

Prof. Dr. D. M. Chandwadkar (Head, Department of Electronics and Telecommunications, K.W.I.E.E.R, Nashik)

Prof. Dr. S. A. Patil (Ugale) (U.G. Coordinator, Department of Electronics and Telecommunications, K.W.I.E.E.R, Nashik)

Staff Co-Ordinators:

1. Mrs. Rupali V. Chothe
2. Mr. Dipankar. D. Khartad
3. Mr. Sagar. A. Zalte

Technical and Organizing Team (Nikolaindustry):

1. Mayur Chavan (S.E-E&TC)
2. Shubham Wagh (T.E-E&TC)
3. Shubham Sonawane (T.E-E&TC)

Sr. No.	Committee	Staff Members	TA support	Students Coordinator
1.	Project Competition	Mrs. S.V. Shelke Mr. S. S. Ansari Mrs. K. Nirmalakumari	Mr. S. M.Shinde Mr. S. S. Khaire	Ms. Mansi Nikam Mr. Rushabh Surana
2.	Poster Competition	Mrs. A. H. Dhangare Mrs. P. P. Patil	Mr. A. A. Hadpe	Ms. Swarali Varkhede Ms. Shweta Kharde
3.	Coding Competition	Mrs. V.R. Lele Mr. K. S. Navale	Mr. K. R. Dhikale	Mr. Aneesh Tembe Ms. Saniya Saiyyad
4.	Photography Competition	Mrs. S. C.Shinde Ms. J. R. Shinde	Mrs. L. N. Chaudhari	Ms. Prathi Rai Ms. Neha Tisgaonkar
5.	Poetry Competition	Mrs. M. P. Joshi Ms.V. S.Taware	Mrs. R. M. Jadhav	Mr. Pratik Khodke Mr. Yashkumar Shewale
6.	Quiz Competition	Mrs. D.C Shimpi Mr. P.J. Mondhe	Mr. K. R. Dhikale	Mr. Yash Choudhary Ms. Amruta Desai

7.	Essay Competition	Mr. S. S.Dongare Mr. N. M. Bhujbal	Mr. S. R. Gangurde	Ms. Apeksha Kasat Ms. Shweta Waghulde Ms. Janvi Shewale

Competition wise Entry:

Sr. No.	Competition	Total Participants
1.	Project Competition	38 Projects * 4 =152
2.	Photography Competition	118
3.	Coding Competition	73
4.	Essay Competition	82
5.	Poetry Competition	69
6.	Quiz Competition	107
7.	Poster Competition	57
	Total Participant's	658

Summary of Participants:

- Total Participant's: 658
- Participants from outside Maharashtra: 13
- Participant's from Junior College: 93
- Participant's from Diploma College: 116
- Participants from UG Engineering College: 449
    1. Participants from K.K.W.I.E.E.R: 159
    2. Participants from Other Engineering Colleges:290

ABOUT INAUGURAL CEREMONY

Date: 27th October 2020 Time: 11 am to 12.30 pm Total Participants: 225

The inauguration ceremony started with a warm introduction about Telekinesis-2020 and later on welcoming the Eminent Chief Guest of Honour Prof. 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 Prof. Dr. K. N. Nandurkar Sir, Prof. Dr. D. M. Chandwadkar Head of Department of Electronics and Telecommunication Department and U. G. Coordinator of the department Dr. S. A. Patil (Ugale). Later on, the Inauguration Ceremony started with curtains opening with the sound of Nashik Dhol to give a maximum visual and energetic impact to all the audience present. Next, there was a speech by

Prof. Dr. D. M. Chandwadkar followed by a speech by Prof. Dr. K. N. Nandurkar, Prof. Dr. M. S. Sutaone Sir and Mr. Sachin Kulkarni Sir also guided our students with their wisdom and precious knowledge. Students from all over India attended the Ceremony in large numbers and appreciated both the Guest's kind gesture to honor all of them with their gracious presence. At last, the inauguration ended with a Vote of thanks by Dr. S. A. Patil (Ugale).

DAY-1 KEYNOTE ADDRESS

Keynote Address by Mr. Sandeep Karkhanis, Deputy General Manager Bosch Ltd, Nashik

Topic: "Coaching on Project Execution"

Date: 27th October 2020 Time: 12.30 pm to 01.30 pm Total Participants: 120

The Day -1 Keynote Session was conducted by Mr. Sandeep Karkhanis, Deputy General Manager Bosch Ltd, Nashik. A man with so much profound knowledge and years of experience spoke on the topic "Coaching on Project Execution". He spoke about the importance of monitoring the project

needed to implement and a range of project management processes. Also, consistently evaluating the processes and planning to be involved to deliver the output as per the agreed specifications.

DAY-1 COMPETITIONS

Project Competition and Photography Competition

1. Project Competition:

Project Competition was held first at Telekinesis portal www.kkwtelekinesis.com where 38 projects were submitted. Out of which Judges shortlisted 7 projects for the second round.

The 7 projects were,

   a. Attendance Management System

   b. Digital Electronic Voting Machine (DEVM)

   c. Digital IC Tester

   d. Home Automation System based on IoT

   e. Automatic Hand Sanitizer Dispenser with Entry Gate

   f. IoT based Smart Segregation Dustbin for Clean India

   g. Earphone for blind with Obstacle Detection

The second round was conducted in the Zoom meeting where the Shortlisted Students presented and explained their projects. Out of which the Winner and Runner up were selected.

Judge for the Competition: Mr. Akshay Bhaurkar

The Winner and Runner-Up of the Competition were

   1. Santoshi Rajendra Shirsath (Winner) from Government Polytechnic Nashik presented a project on "Attendance Management System"

   2. Yashas Shetty (Runner- Up) from A.J. Institute of Engineering and Technology, Mangalore for his project on "Earphone for blind with Obstacle Detection"


2. Photography Competition:

A photography competition was also held at the portal www.kkwtelekinesis.com. Participants from all over India had participated in this competition. There was a total of 118 participants entry. Then the Winner and Runner -Up for the competition were selected.

Judge for the Competition: Pratik Gangwal

The Winner and Runner-Up of the Competition were

   1. Aniket Dolas: Winner, K.K.W.I.E.E.R, Nashik

   2. Parag Hude: Runner up, S.V.I.T, Chincholi, Nashik

Winner

Runner-Up

DAY-2 KEYNOTE ADDRESS

Keynote address by Mr. Nilesh Navale, Project Manager, Winjit Technologies, Nashik.

Topic: "Programming and Software Development Pathway"

Date: 28th October 2020 Time: 12.00 pm to 01.15 pm Total Participants: 120

Day 2 of Telekinesis-2020 event where along with the competitions Keynote Session was conducted. These professionals in their area of expertise gave us some precious knowledge on the topic of programming and software development. Mr. Nilesh Navale is currently working as a lead quality assurance engineering at WINJIT TECHNOLOGIES and has more than 9+ years of experience. The keynote session started with a warm introduction of sir. He then explained the steps of software development cycles and the current trends in the IT industry. He also spoke about software testing and the change from manual testing to automation testing and about how to develop software and its examples. A question and answer session were conducted at the end where students asked their questions related to the topic. At last, the webinar ended with thanking sir for giving his precious time and imparting this precious knowledge to both students and staff members.

DAY-2 COMPETITIONS

Essay Competition, Photography Competition, and Poetry Competition

1. **Essay Competition:**

A total of 81 participants took part in the Essay competition. All Essays were submitted by participants till 27th October. There was no barrier of language (English, Marathi, Hindi) all were accepted. The word limit for the essay was 1500-3000. Judging criteria for Essay competition was Content, Clarity of topic, Presentation, Overall impression. There was a total of 82 participants entry. Judges for the competition: Mr.V.N.Chavan, Mrs.S.Pawar, Ms.Kanishka Thakur

The Winner and Runner-Up of the Competition were

1. Sakshi Sonawane: Winner, Government Polytechnic, Nashik
2. Deesha Chawda: Runner-up, K.K. Wagh Polytechnic, Nashik

2. **Poetry Competition:**

"Poetry is the rhythmical creation of beauty in words" on this beautiful note an Online Poetry competition was organized under TELEKINESIS 2020. The competition received 69 beautiful poems from all the participants from different colleges. Judge of the competition, Mr. Aishwary Patekar. He is an award-winning poet as well as a writer. The poems were judged based on the representation of the topic, creativity, and other aspects.

Judges for the competition: Mr. Aishwary Patekar

The Winner and Runner-Up of the competition were

1. Gayatri Ajabsing Jadhav: Winner, K.K. Wagh Senior College, Nashik
2. Ruchita sanjay Kshirsagar: Runner-up, K.K.W.I.E.E.R, Nashik

3. Coding Competition:

A coding competition was also held at the portal www.kkwtelekinesis.com using Hacker rank. Participants from all over India had participated in this competition. There was a total of 73 participants entry. Then the Winner and Runner -Up for the competition were selected.

The Winner and Runner-Up of the competition and their topics were

1. Keshav Agrawal: Winner, K.K.W.I.E.E.R, Nashik
2. Ajinkya Badhan: Runner- up, S.I.T.R.C, Nashik

DAY-3 KEYNOTE ADDRESS

Keynote address by Mr. Sagar Nikam Sir, Founder/ Director of ELC (Excellence Learning Center), Nashik.

Topic: "Guidance on Aptitude Skill Development"

Date: 29th October 2020 Time: 12.00 pm to 01.15 pm Total Participants: 120

The Day-3 Keynote session was conducted by Mr. Sagar Nikam Sir, Founder/ Director of ELC (Excellence Learning Center), Nashik. This organization undertakes MBA Entrance Coaching at Nashik. The topic of the session was 'Guidance on Aptitude Skill Development'. This was an Amazing and Informative session we learned about various exams and many tricks to crack them. Sir also gave various examples and students actively participated in solving those examples.

DAY-3 COMPETITIONS

Quiz Competition, and Poster Competition

1. **Quiz Competition:**

The quiz competition held on 29th Oct 2020 had 3 rounds with Technical and Non-Technical questions. Round 1 and 2 were conducted on our very own designed portal. Round -3 was the Virtual Live Round on the zoom platform the final results were declared at the end of Live Event. 107 students participated and made it a success.

The Winner and Runner-Up of the competition were

1. Vaibhav Kolte: Winner, JSPM, JSCoE, Pune
2. Pranit Ugale: SP College, Pune

2. **Poster Competition:**

A poster competition was also held at the portal itself. Participants from all over India had participated in this competition. There was a total of 55 participants entry. Judging criteria included Visuals alignment, Perspective, Content, and Potential. Then the Winner and Runner -Up for the competition were selected.

Judge for the Competition: Prof. Neha Sharma, Assistant Professor, Computer Engineering, K.K.W.I.E.E.R, Nashik

The Winner and Runner-Up of the competition were

1. Shivani Shinde: K.K.W.I.E.E.R, Nashik
2. Arpita Kasat: St. Lawrence School, Nashik

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.