

**DKTE**  
Promoting Excellence in  
Teaching, Learning & Research



## “Department of Electrical Engineering”

# EMPOWER

Dear Friends,  
Greetings from OUR Newsletter!

It gives us immense pleasure to share with you, through this Newsletter, the happenings at Electrical engineering department from **January-June 2021** This period was momentous with many activities. We provide enough scope for students to develop their overall personality, both in curricular and extra-curricular activities. We request you to read this issue of newsletter and have a glimpse of what went in the last semester. This newsletter provides report of significant achievements of our electrical engineering students and faculty, department News, activities.

We welcome your suggestions.

Thanking you.

### EDITORIAL BOARD

**Prof (Dr.) P.V. Kadole, Director**

#### **Faculty Members**

**Dr.R.N.Patil (H.O.D. Electrical)**

**Prof. Devendra Gowda**

## Seminar on "Spirituality: In the way of Engineering"

Electrical Engineering Department of in association with IEEE-DKTE Student Branch and Institute Innovation Council DKTE Cell (IIC) organized a Seminar on "Spirituality: In the way of Engineering" By Shri. Rajveer Singh in Seminar Hall at 10.40 A.M. on 17th February 2021. In his speech Mr. Singh discussed many aspects of Spirituality. A spiritually healthy person has a clear purpose in life and is able to reflect on the meaning of events. Spirituality gives us direction and you can find yourself in a new, great and wonderful world. Dr. A P J Abdul Kalam sir had said that to enlighten society you should have 3 dimensions -1) Education with value system 2) Religion transforming into spirituality 3) Economic development for societal transformation



## International Women's Day 2021

The IEEE-DKTE Student Branch celebrated International Women's Day 2021 to honour women, salute their courage, celebrate their success and raise awareness about women's equality. The COVID-19 pandemic unleashed an unprecedented humanitarian and health crisis. The war being fought by doctors, nurses and other healthcare workers, frontline workers including police officials and sanitation workers; scientists. Every day, the selfless warriors are giving it their all-in health-care settings while cutting themselves off from their families and loved ones. The sacrifice that they are making for the safety and welfare of humanity is priceless and deserves lifelong gratitude on our end. There are umpteen numbers of stories that inspire us, people who inspired us by helping the mankind in their own ways during the pandemic. As we call them 'corona warriors or front liners' IEEE-DKTE Team to express its gratitude to these Corona warriors by felicitating female ones this International Women's Day.



## Two Days Workshop on “Arduino and Sensors”

Department of Electrical Engineering organized Two Days Workshop on “Arduino and Sensors in Association with IEEE-DKTE Student Branch and INFINITY ELECTRONICS from 3rd - 4th April 2021. Total 34 Second year Electrical Engineering students participated in the workshop. The workshop focused on Hands-on Arduino (Hardware and Programming) from basic to Advanced. Students built several applications by using Arduino Hardware such as GSM based security system, Obstacle Avoiding Robot, Home Automation System, Password Based Door Locking system, RFID Door Lock system, Humidity and Temperature control with LCD. The Workshop was conducted by our student Mr. Sabir Sande from SY B.Tech and Mr. Shivtej Nirmal , Director, Infinity Electronics, Ichalkaranji





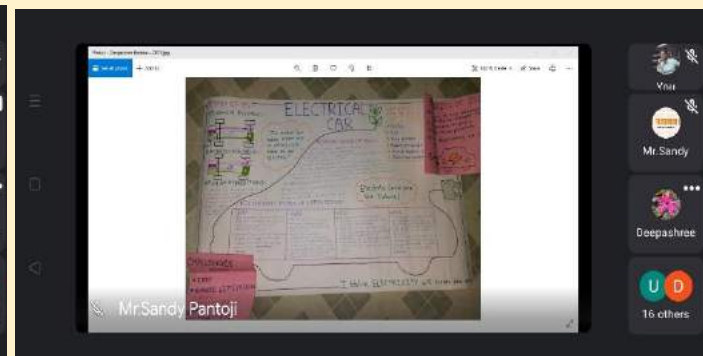
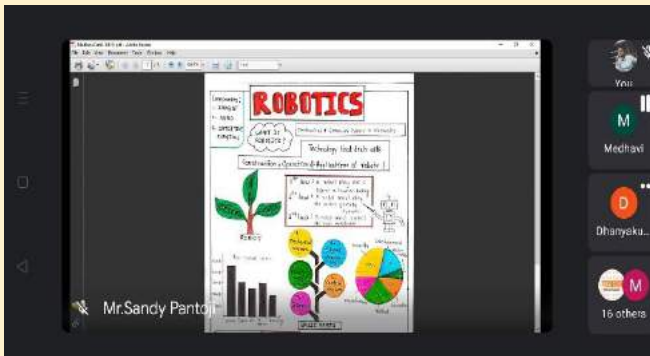
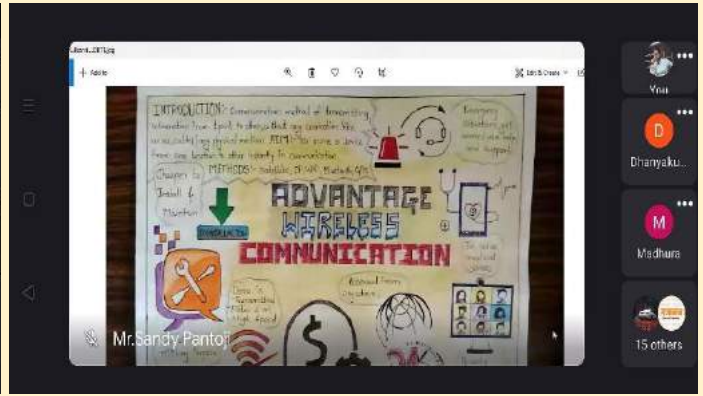
### Celebration of IEEE SIGHT Day 2021

EEE-DKTE Student Branch Celebrated 10 Years of IEEE SIGHT (IEEE Special Interest Group on Humanitarian Technology) Day 2021 on 28<sup>th</sup> April.



### Tech-Symposium 2k21- Electrical Engineering Department

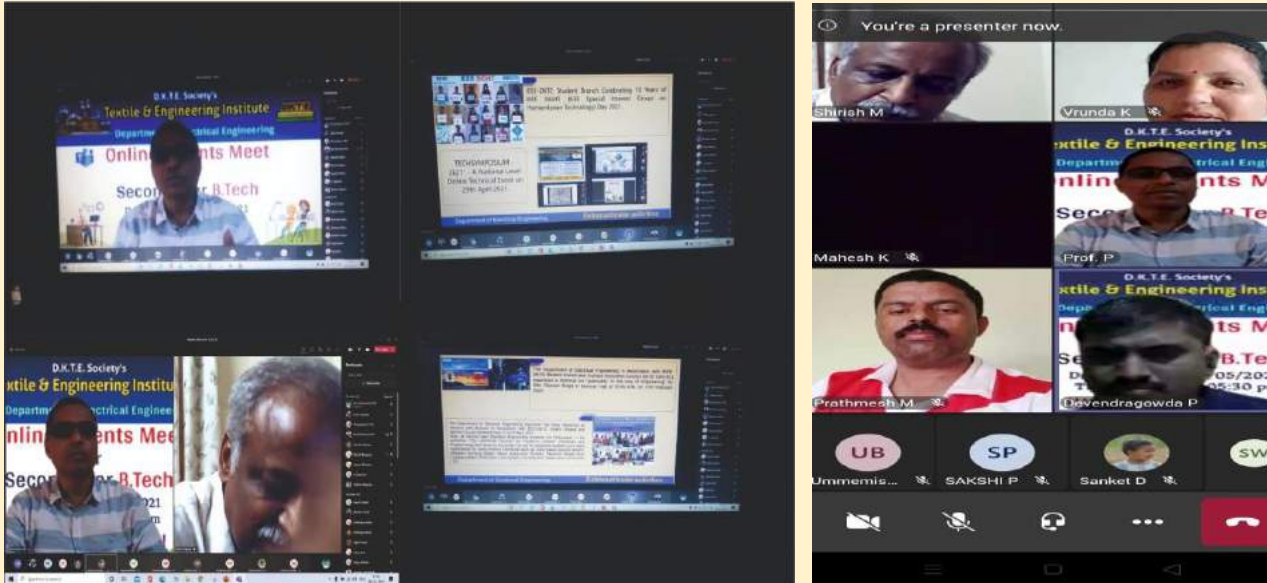
Our Institute organised a National Level Technical Event "TECH-SYMPOSIUM 2K21" on 29th April 2021 in an online mode. The Event POSTER-EXPO (An poster presentation) was organised by the Electrical Engineering Department. The winner of POSTER-EXP -1. Vishwaj Kolhumbé (Second Year Electrical Engineering Dkte) 2. Sakshi Khondare (First Year ETC DKTE) 3. DEEPASHREE BEDEKAR (Third Year Electrical Engineering DKTE). This even was conducted under the guidance of Prof.(Dr).R.N.Patil Head of the Department. The event was coordinated by Prof.A.N.Inamadar and conducted with the help of Electrical Engineering Student Association ELESA. The judges were Mr. Surendra Chandrakant Das and Prof. Mr. D.A.Patil. A total of 30 posters were presented with over 75+ entries.



### Parents' Meet – S.Y B.Tech. Electrical Engineering

Electrical Engineering Department organized online Parent's Meeting for SY B.Tech. (Electrical Engineering) on Thursday, 06th May 2021. The meeting started with welcome by Mrs. S.A. Wadekar. H.O.D. Prof. (Dr.) R.N.Patil explained the importance of the meeting and gave brief information about department. Mr.R.M.Malkar gave the presentation to the parents regarding progress of the department, curricular and extra co-curricular activities, conduction of SEE examination. All Electrical Engineering faculty attended this meeting and Mr.S.S. Magdum proposed vote of thanks.

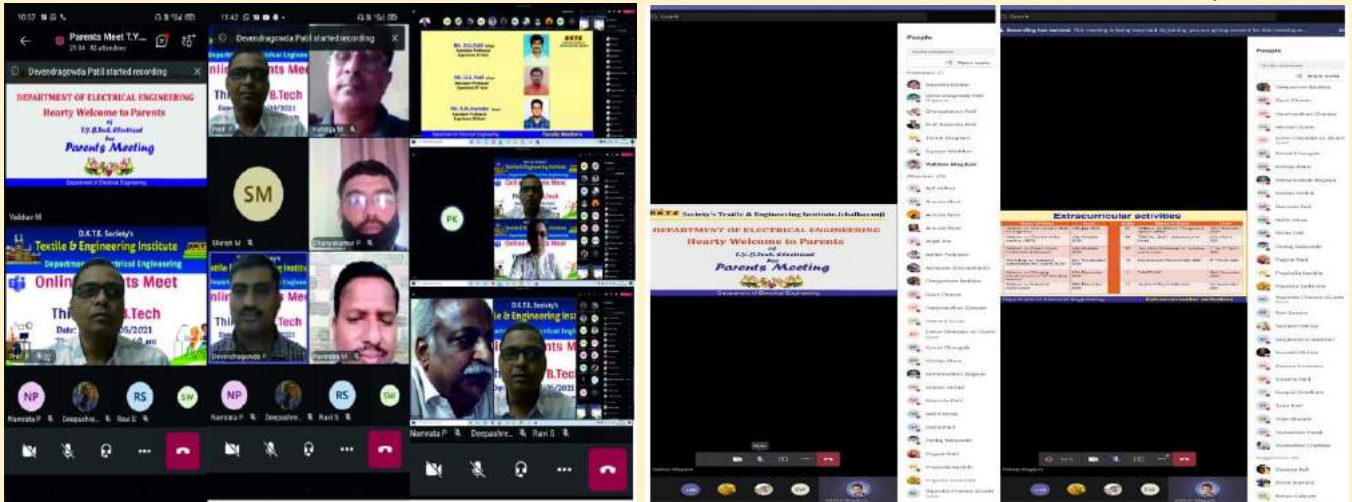




### Parents' Meet – T.Y B.Tech. Electrical Engineering

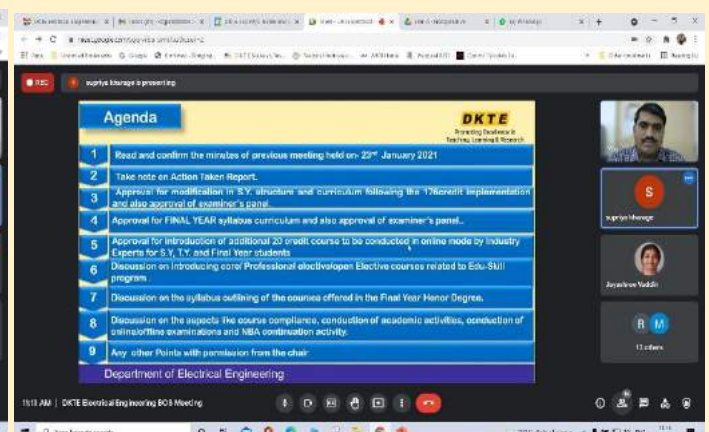
Electrical Engineering Department organized Online Parent's Meet for T.Y. B.Tech.(Electrical Engineering) on Friday, 07th May 2021. The meeting was started with welcome speech by Mrs. S.A. Wadekar. H.O.D. Prof.(Dr.)R.N.Patil addressed the parents and discussed the progress of the department regarding soft skills, training and placement activities and new curriculum. Mr.V.B.Magdum gave the presentation to the parents regarding progress of the department, curricular and extra co-curricular activities, Honours and Minors courses and conduction of SEE examination. Director Prof. (Dr).P.V.Kadole addressed the online gathering and highlighted the progress of the institute, MoUs with foreign universities and Industry, Industry Institute Internship. Director also discussed the future plans for the betterment of students' placement. All Electrical Engineering faculty attended this meeting. Mr.S.S. Magdum expressed the vote of thanks. This meeting was coordinated and organised by Mr. R .M.Malkar and Mr. D. G. Patil.





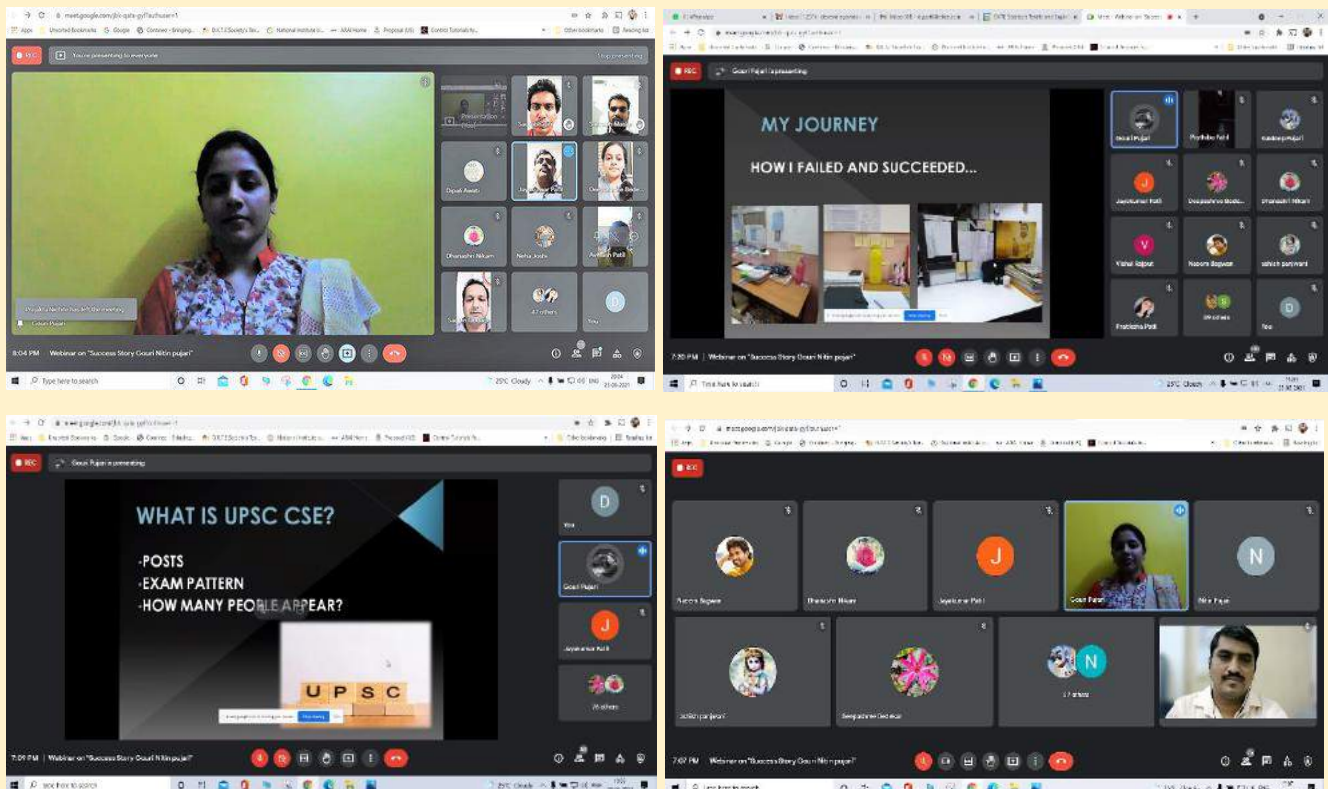
## Board of Studies (BOS) meeting of Electrical Engineering

The Board of Studies (BOS) meeting of Electrical Engineering Department was organized through Online mode on 12th Jun 2021. All the BOS members from academic and Industry experts – Dr.Dhananjay B. Talange, Prof(Dr). Vidyadhar Waghmare, Dr. D.S.More, Dr. H.T.Jadhav, Mr. Milind Mule, Mr.Nagesh Dhang, Prof. Dr.(Mrs) L. S. Admuthé, Dr.(Mrs). V. Jayashree attended the meeting. HoD, Prof. (Dr.) R N Patil welcomed all the BOS members and appreciated the continuous support extended by them. Discussion pertaining to implementation of new syllabus, as per the AICTE new guidelines and approval of examiner’s panel, Honor Degree (Electrical vehicle) course syllabus, carried out. The detailed syllabus was discussed with BOS Members and was explained by respective faculty members, BOS members appreciated the new initiatives and subjects, like Data Structure, Application based Mini projects, Training and placement activities, discussion on inclusion of Courses to be run by industry experts in curriculum structure, internship schemes and Eduskill based training. At the end, Review of 20-2021 academic activities took place. All Department faculty members were present in the meeting. The meeting was coordinated by Mrs. S. A Wdaker, Mr. D.G.patil and Mr. V.B. Magdum.



## Interaction with 'Gouri Pujari' - UPSC 2019 AIR – 275

The Department of Electrical Engineering organized Webinar on “Success Story - Gouri Nitin Pujari” in association with IEEE-DKTE Student Branch and Career Guidance Cell. Resource Person: Mrs. Gouri Nitin Pujari AIR-275, UPSC 2019 shared on ‘How she prepared for UPSC exam, Glimpse of Interview, how student can plan towards UPSC Exam. Students also interacted with resource persons during Q&A Session regarding UPSC Exam. More than 100 students joined the session from various departments of DKTE. The Program was Coordinated by Dr.J.M Patil, Mr.Devendra Gowda and Career Guidance Cell Team.



## Webinar on "Innovation and Start-up Ecosystem: The Support Framework from Central and State Govt."

Department of Electrical Engineering - Institution's Innovation Council IIC & Ministry of Education Initiative Govt. of India organised a session on "Innovation and Start-up Ecosystem: The Support Framework from Central and State Govt." 30th June 2021. The Resource Person was CEng. Nikhil Lilakar Kulkarni, Incubation Manager, KBCNMU Centre for Innovation, Incubation and Linkages, Jalgaon, M.S., India, The Resource person shared Start-up Policy Start-up India learning programs, Industry led initiatives, Various funding Agencies for Start-ups, How Technology Business Incubator (TBI) centres helping towards Start-ups. Students and faculty members attended the session. The Session was coordinated by Prof.Devendra Gowda and DKTE IIC Team.






**Department of Electrical Engineering**  
a session on  
**Innovation and Startup Ecosystem:**  
The Support Framework from Central and State Govt.

**Resource Person**  
C.Eng. Nikhil Lilakar Kulkarni  
**Incubation Manager**  
KBCNNU Centre for Innovation, Incubation and Linkages, Jalgaon, M.S., India

**DATE:** 30/06/2021  
**Timing:** 6.00 P.M.  
**Online Platform**  
Microsoft Teams Link: [shorturl.at/ouzSU](https://shorturl.at/ouzSU)

**Organiser**  
D.K.T.E. Institution's innovation council  
Supported by Ministry of Education, GOI  
Textile & Engineering Institute (An Autonomous Institute), Ichalkaranji.

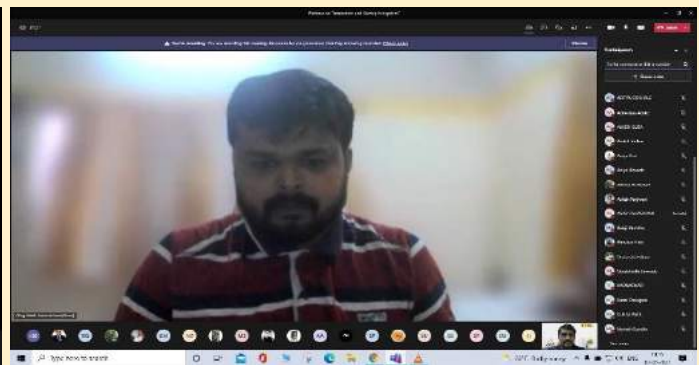





**Innovation and Startup Ecosystem: The Support Framework from Central and State Government**

C.Eng. Nikhil Lilakar Kulkarni  
**Incubation Manager**

KBCNNU Center for Innovation, Incubation and Linkages  
An Incubation Center of Karmaveer Bhambhani Chaudhari North Maharashtra University, Jalgaon  
(Business & Company) CTS, U-353010, D-210N, P-1540705  
Supported by Department of Skill Development and Entrepreneurship, Govt. of Maharashtra  
under Maharashtra State Innovation Society Incubator Scheme



## Faculty Achievements

### Seminar/Webinar Details

Mr.Devendra Gowda Patil was invited by 'BVV Sangha's Basaveshwar Engineering College (BEC) Bagalkot' as a Resource Person on the occasion of World IP Day 2021 carrying the theme "IP and SMEs: Taking your ideas to market" on 26th April 2021. In this webinar, he explained the Importance of IPR and Filing Procedure, the webinar was organized by Department of Electrical Engineering in association with IEEE-BEC Student Branch & PES-SC, IEEE Bangalore Section.





**Basaveshwar Engineering College(A), Bagalkot**  
Department of Electrical & Electronics Engineering

Webinar on  
**IPR & Patent Filing**

**Resource Person**  
Mr. Devendra Gowda Patil

**Coordinator & Host:**  
Mr. Vikas Jainkeri  
Assistant Professor, EE (9902204844)  
Dr. Suresh H. Jangamshetti  
HoD - EE  
Dr. S. S. Injaganeri  
Principal

26<sup>th</sup> April 2021, 4.00 - 5.00 PM (IST)

Limited Occupancy, E-Certificates will be provided to all participants after successful participation and feedback



Mr.Devendra Gowda – Faculty member from Electrical Engineering Department was invited at KLS Vishwanathrao Deshpande Institute of Technology”(VDIT) ,Haliyal , as a Resource Person

for Two days Webinar on "Electrical Vehicle" on 28th and 29th May 2021.. About 150 students participated from Belgaum, Bangalore and Haliyal.

Karnatak Law Society's  
Vishwanathrao Deshpande Institute of Technology  
Haliyal - 581329, Uttara Kannada Dist., Karnataka, India.  
Phone: 08284 - 220861, Fax: 08284 - 220813

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
PRESENTS WEBINAR  
ON  
"Electric Vehicles"  
On 28-29th May 2021,  
Friday and Saturday  
11.00am - 12.30 pm

In Association with "ELECTRA"

REGISTRATION FREE

For Registration and to Join the What's App group for more updates by scanning the QR code

Platform: MS Teams

Prof. A.V. Koladi  
HoD, EEE

Prof. Manjunatha  
Dean Admin

Dr. V.A. Kulkarni  
Principal

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Prof. V B Magdum Attended one Day's [Webinar](#) on " **Management Principles from Mumbai Dabbawala** ", Organized by SkillSlate Foundation, Pune on 14th February 2021.

Prof. V B Magdum Attended one Day's [Webinar](#) on " **How to ace your summer internship** ", Organized by Internshala, DKTES TEI, Ichalkaranji on 26th March 2021.

Prof. V B Magdum Attended one Day's [The Virtual Industrial Visit with 'Schneider Electrical Plant Virtual Tour'](#)", Organized by IEEE PES Bombay Chapter on 30th April 2021.

Prof. V B Magdum Attended one Day's [Webinar](#) on " **Complexity and Excitement of Aerospace Control** ", Organized by Dr. Ambedkar Institute of Technology, Bengaluru on 18th June 2021

Prof. V B Magdum Attended one Day's [Webinar](#) on " **HAMARA TEJAS"- India's own 4th Gen Fighter** ", Organized by Dr. Ambedkar Institute of Technology, Bengaluru on 24th June 2021.

Prof. V B Magdum Attended one Day's [Webinar](#) on " **Management Principles from Mumbai Dabbawala** ", Organized by SkillSlate Foundation, Pune on 14th February 2021.

### [Workshop Attended Details](#)

Prof. V B Magdum Attended One Week [Workshop](#) on " **Research Paradigms** ", Organized by St. Francis College Karamangala, Bangalore from 03rd to 08th May 2021.

Prof. V B Magdum Attended Three Days' [Workshop](#) on " **Research Challenges in Electrical Power and Energy** ", Organized by Sri Venkateswara Engineering College Karakambadi Road, Tirupati from 10th to 12th May 2021.

Prof. V B Magdum Attended One Day [Workshop](#) on " **Industry 4.0** ", Organized by Maharashtra Institute of Technology, 21st June 2021

### [Faculty Development Program Details](#)

Prof. Devendra Gowda Attended One Week [FDP](#) on " **Electric Vehicle Technology: Challenges and Business Opportunity** ", Organized by NSIC Hyderabad & ATAL Academy 21st -25th June 2021

Prof. V B Magdum Attended Three Days **FDP** on "**Implementation of National Education Policy-2020**", Organized by Sant gajanan Maharaj College of Engineering Mahagaon, from 28th to 30th April 2021

Prof. V B Magdum Attended One week **FDP** on "**Design and Development of Automated System using PLC** ", Organized by Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur from 14th to 19th May 2021.

Prof. V B Magdum Attended One week **FDP** on "**Electric Vehicles** ", Organized by National Institute of Technology Tiruchirappalli (ATAL FDP) from 07th to 11th June 2021

Prof. Devendra Gowda Attended One week **FDP** on "**Electric Vehicle Technology; Challenges, Analysis and Development** ", Organized by NSIC Hyderabad & ATAL Academy from 26th - 28th February 2021.

### Short Term Training Program(STTP) Details

Prof. D A Patil Attended One week **STTP** on "**Application of power Electronics to usable energy sources and utility system**", Organized by Annasaheb Dange Collage of Engg. Ashta from 25th June to 29th June 2021.

Prof. V B Magdum Attended One week **STTP** on "**Smart Micro Grid and its Future Trends**", Organized by Lendi Institute of Engg & Tech, Vizianagaram from 14th to 19th June 2021.

Prof. V B Magdum Attended One week **STTP** on "**Sensors and Transducers** ", Organized by National Institute of Technical Teachers' Training and Research (NITTTR) Kolkata from 21st to 25th June 2021.

Prof. Devendra Gowda Attended One week **STTP** on "**Renewable Energy Sources** ", Organized by National Institute of Technical Teachers' Training and Research, Chennai (NITTTRC) from 28.06.2021 to 02.07.2021.

### International Journal Paper Publications

D A Patil and P A Chowgule, "Improvement of power quality in distribution system using D-STATCOM", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE) Volume 9, Issue 5, May 2021.

D A Patil, "Design of Fuzzy LQR", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE) Volume 9, Issue 5, May 2021.

Supriya Wadkar, "Application of Fuzzy Logic and (KNN) to classify and determine location of Faults for Solar System", International journal of Innovative research in Electrical, Electronics, Instrumentation and Control Engineering. Volume 9, Issue 5, May 2021. ISSN (Online) 2321-2004 ISSN (Print) 2321-5526.

Supriya Wadkar, "Application of Fuzzy Logic And (KNN) To Classify and Determine Location of Faults For Solar System", Journal Of Huazhong University Of Science And Technology Volume 50 ISSUE 06-2021 PAPERID:HST-0621-628. ISSN-1671-4512

V B Magdum, "An Overview of Smart Grid Technologies", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE) Volume 9, Issue 4, pp. 187-192, April – 2021.

V B Magdum, "Speed Control of Electric Motors Using New Automation Techniques", International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume 8, Issue 4, pp. 168-173, April – 2021.

V B Magdum, "An Overview of Smart Grid Technologies", GIS SCIENCE JOURNAL (GIS) Volume 8, Issue 6, pp. 1816-1821, June – 2021.

V B Magdum, "Recent Trends in Smart Grid Technologies-A Review", Journal of Huazhong University of Science and Technology (JHUST) Volume 50, Issue 6, pp. 1-6, June – 2021.

## Student Achievements

### Certificate of Merits/Participation

Name	Event	Organized By	Date (Duration)
Mr. Onkar Ramchandra Jog	Poster Expo	Tech-symposium 2K21 DKTE Textile and Engineering Institute, Ichalkaranji	29-04-21
	"LPG Leakage Detector" Project Presentation Contest	Pioneer 2021 ISTE Student Chapter, KIT College of Engineering, Kolhapur	4-5 April 21

### Student Certifications:

Name	Title	Organized By	Date (Duration)
Ms. Shirdhar Sambhaji Jadhav	Workshop on "Robotics and Automatic"	Skill-Lync	25-02-21
Mr. Mahesh Arvind Kamble	Certificate course in core JAVA Programming	Shree Computer Education, Ichalkaranji	Jan – March 21

### Online Courses Certifications:

Name	Title	Organized By	Date (Duration)
Ms. Anuja Suresh Akiwate	How to ace your summer internship	Internshala	26-03-21

**Student Industrial Training/Internship/Webinar Certificates:**

<b>Name</b>	<b>Title</b>	<b>Organized By</b>	<b>Date (Duration)</b>
Ms. Anuja Suresh Akiwate	One-day Webinar "Python in Electrical Engineering"	Jayawantrao Sawant College of Engineering with IEEE and IIC	23-02-21
Mr. Abhay Digambar Lohar	One-month Technical Skill Development Internship	Sharda Electronics & Co., MIDC Kupwad, Sangli, Maharashtra, India	15-06 21 to 14-07-21
Ms. Vishwaja Vijaykumar Kholkumbe	One-month Technical Skill Development Internship	Sharda Electronics & Co., MIDC Kupwad, Sangli, Maharashtra, India	15-06 21 to 14-07-21
Ms. Anuja Suresh Akiwate	One-month Technical Skill Development Internship	Sharda Electronics & Co., MIDC Kupwad, Sangli, Maharashtra, India	15-06 21 to 14-07-21
Ms. Anuja Avinash Pise	One-month Technical Skill Development Internship	Sharda Electronics & Co., MIDC Kupwad, Sangli, Maharashtra, India	15-06 21 to 14-07-21
	4 Weeks Training Program on "PLC and Industrial automation"	HEM Electronics	05-01-22
Mr. Sushant Sanjay Jadhav	One-month Technical Skill Development Internship	Sharda Electronics & Co., MIDC Kupwad, Sangli, Maharashtra, India	15-06 21 to 14-07-21
Mr. Onkar Ramchandra Jog	One-month Technical Skill Development Internship	Sharda Electronics & Co., MIDC Kupwad, Sangli, Maharashtra, India	15-06 21 to 14-07-21
Ms. Asiya Sanauallah Tahasildar	One-month Technical Skill Development Internship	Sharda Electronics & Co., MIDC Kupwad, Sangli, Maharashtra, India	15-06 21 to 14-07-21

**Thank you...**