



# VID' YOUTH

**LIGHTENS THE WORLD...**

## STUDENT DEVELOPMENT PROGRAM

**Recent Trends in Electrical Engineering (from 24/05/2021 to 26/05/2021)**

The online program was graced by the presence of Dr. Chaitanya Kumar MV, Principal. The program was convened by Dr. Om Prakash Yadav, HoD, Dept., of EEE, and coordinated by Mr. Kiran Kumar GR and Mrs. Manasa B, Assistant Professors, Dept., of EEE. The Virtual Inaugural session of SDP started at 11.00 am on 24th May 2021, with the best wishes from dignitaries.

The Day-1 speaker was Dr. Mohana Lakshmi J, who introduced the audience to the overview of research on EV impact on grid and scheduling of EV charging. The presentation covered very informative material on EV operation aspects as well as EV cost aspects in the perspective of Grid, present scenario of battery technologies, Battery Management Systems (BMS) used for EV applications including the design aspects and challenges.

Mr. Lokesh M, who was the speaker on the Day-2, showered light on the modern optimization models and solution methods for two fundamental decision-making problems in electric power system short-term operations, namely the optimal power flow (OPF) problem and the unit commitment (UC) problem.

Dr. Sandeep Kumar KJ, the speaker of Day-3 of SDP, introduced the challenges involved with microgrids to make their participation in the power sector viable, barriers to the entry of microgrids in the power sector and identification of some constraints on promoting their development and participation in the power sector, Conventional microgrids in India.



### VISION:

To emerge as a leading centre for education in Electrical and Electronics Engineering and to produce entrepreneurs and globally competent engineers with good ethical values.

### MISSION:

**M1-** Develop as a centre of excellence for Electrical and Electronics Engineering education, emphasizing in making students to be more innovative in their approach by providing state-of-the-art infrastructure and effective teaching learning process.

**M2-** Contribute to the development of nation by applying their knowledge gained in the thrust areas of power and energy systems.

**M3-** To inculcate value based socially and ethically committed professionals who are able to evolve thoughtfully in response to the needs of the industry, society and the changing world.

**No Resistance can Drop our Potential**

**PES Institute of Technology and Management**  
Shivamogga- 577204, Karnataka

**Department of Electrical and Electronics Engineering**  
organizes

**3- Days Student Development Program**  
(from 24th to 26th May 2021)

on

**"Recent Trends in Electrical Engineering"**

**Resource Persons:**

<b>Dr. Mohana Lakshmi J</b> Asst Professor, NIE, Mysore Date : 24/05/2021 Time: 11.30am -12.45pm Topic: Electric Vehicle Technology - Introduction , Trends & Challenges	<b>Mr. Lokesh M</b> Asst Professor, NIET, Mysore Date : 25/05/2021 Time: 11.30am -12.45pm Topic: Optimization Techniques in Power System	<b>Dr. Sandeep Kumar KJ</b> Asst Professor, NIET, Mysore Date : 26/05/2021 Time: 11.30am -12.45pm Topic: Microgrids in India-Possibilities and Challenges
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**Coordinators:**  
Dr. Om Prakash Yadav  
Dr. Kiran Kumar GR

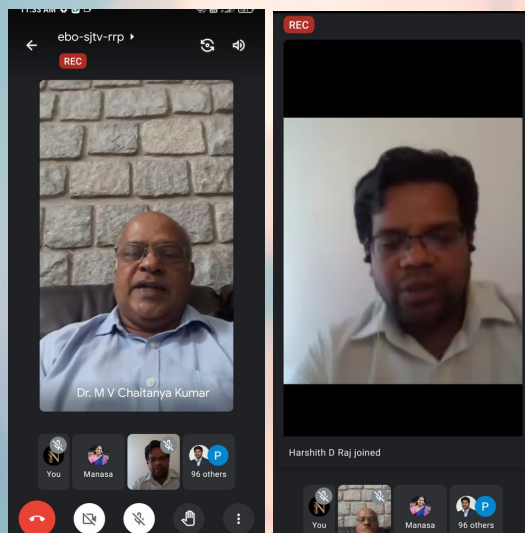
**Convenor:**  
Dr. Om Prakash Yadav

**Principal:**  
Dr. Chaitanya Kumar MV

**Register on:**  
<https://forms.gle/1129wK2324282428>

**Meeting Platform:**  
Google Meet

**Meeting link:**  
<https://meet.google.com/ebc-sjtv-rrp>



# WEBINAR

## Effective Skill Enhancement For The Industry Needs During Pandemic

Department of Electrical and Electronics Engineering conducted an online webinar on "Effective Skill Enhancement For The Industry Needs During Pandemic" on 11/06/2021, from 2 pm - 4 pm, via online platform in association with Abeyaantrix Softlab Davangere.

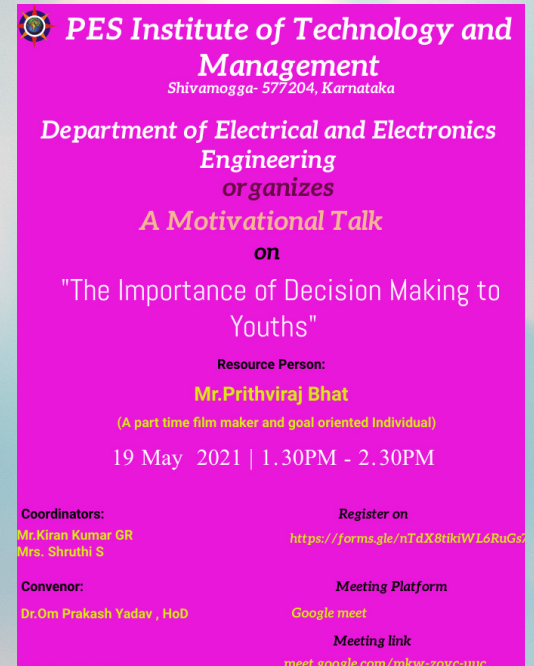
The online program was graced by the presence of Dr. Chaitanya Kumar MV, Principal. The program was conveyed by Dr. Om Prakash Yadav, HoD, Dept., of EEE, and coordinated by Mr. Rudresh S. J and Mr Kiran M. R, Assistant Professors, Dept., of EEE. The resource person of this program was Mr.Mallesh V.S, Technical team manager, Abeyaantrix softlab davangere.

The resource person is an efficient trainer and has trained to various Corporates as well as students from various colleges throughout India. He discussed the various skills required by the industry in present world and different ways of acquiring these skills during this pandemic. He has highlighted the various job opportunities in different sectors such as IoT, MATLAB/SIMULINK, Embedded System, Image Processing, python and Machine Learning. This program helped students to build their carrier by selecting different skills in which they want grow, as guided by the resource person.

# MOTIVATIONAL TALK

Department of Electrical and Electronics Engineering conducted an online Motivational Talk on "The Importance of Decision Making to Youths" on 19/05/2021, from 1.30pm -2.30pm, via online platform.

The presenter Mr.Prithviraj Bhat, A part time film maker and goal oriented Individual, who himself is a source of motivation to students gave encouraging examples from his own life and inspired students to be a self-motivator. He discussed the importance of positive thinking and attitude which brings optimism into life and such constructive changes can make one brighter and more successful.This program helped students to be guided by a positive mind and driven by self-motivation.



**PES Institute of Technology and Management**  
Shivamogga- 577204, Karnataka

Department of Electrical and Electronics Engineering organizes  
**A Motivational Talk**  
on  
"The Importance of Decision Making to Youths"

Resource Person:  
**Mr.Prithviraj Bhat**  
(A part time film maker and goal oriented individual)

19 May 2021 | 1.30PM - 2.30PM

Coordinators: Mr. Kiran Kumar GR, Mrs. Shruthi S  
Convenor: Dr. Om Prakash Yadav, HoD

Register on: <https://forms.gle/nTdX8tkiWLRuGQ>

Meeting Platform: Google meet  
Meeting link: [meet.google.com/nkiv-zoyv-umc](https://meet.google.com/nkiv-zoyv-umc)



PRERANA EDUCATIONAL AND SOCIAL TRUST (R)  
**PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
NH- 206, SAGAR ROAD, SHIVAMOGGA-577204  
ISO 9001:2015 Certified Institute, Approved by AICTE, New Delhi, Affiliated to VTU Belagavi

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
**Organizes Webinar on**  
**"EFFECTIVE SKILL ENHANCEMENT FOR THE INDUSTRY NEEDS DURING PANDEMIC"**

IN ASSOCIATION WITH  
ABEYANTRIX SOFTLAB

Resource Person  
Mr. Mallesh V. S.,  
Technical team manager,  
Abeyaantrix softlab, Davangere

Date & Time  
11th JUNE 2021, @ 2 PM

Coordinators  
Mr. Rudresha S. J,  
Mr. Kiran M. R.

Platform  
Google Meet

CONVENER  
Dr. Om Prakash Yadav

PRINCIPAL  
Dr. Chaitanya Kumar M. V.

Joining Link  
<https://meet.google.com/aso-sevu-qsj>



## 2020-21 ODD SEMESTER TOPPERS



Name: Ananya SU  
USN: 4PM20EE007  
Sem: 1  
82.75%



Name: Yashaswini T  
USN: 4PM19EE034  
Sem: 3  
82.50 %



Name: Sushma RR  
USN: 4PM18EE025  
Sem: 5  
77.78 %



Name: Harsitha SP  
USN: 4PM18EE404  
Sem: 7  
78.75%

## WEBINAR ON ENGINEERING PROJECT SELECTION

Department of Electrical and Electronics Engineering conducted a webinar on "Engineering Project Selection" for pre-final year students of EEE and ECE branch on 05/07/2021, from 10am -12am.

The online program was graced by the presence of Dr. Chaitanya Kumar MV, Principal. The program was convened by Dr. Om Prakash Yadav, HoD, Dept., of EEE, and coordinated by Mr. Manjunath Prabhu P and Mr. Shanthveeresh NS, Assistant Professors, Dept., of EEE. The resource person of this program was Mr. Renjith C V, Electrical Architect/Product design engineer, Philips India Ltd., Pune. Mr. Manjunath Prabhu P introduced the resource person of the session.

The presenter Mr. Renjith C V clearly explained the importance of project, selection criteria and steps in project, tools used in the industry and the skills required for the industry. He guided students regarding how to increase the weightage of resume and how to select the project based on availability of tools and timeline.

## WEBINAR ON NATIONAL EDUCATION POLICY

The Department of Department of Electrical and Electronics Engineering in association with Career Development Centre conducted a webinar on "National Education Policy (NEP) 2020" on 6th April, 2021 for the students and faculties. There were totally 174 participants registered for the webinar. Participants were from Karnataka, Madhya Pradesh, Chhattisgarh, Andhra Pradesh, Telengana etc.

The program was arranged online/offline mode in main seminar of PES Institute of Technology and Management (PESITM). The program started with the welcoming of delegates for the event. The event was anchored by Dr. Prasanna Kumar T M. It was then followed by the speech of Dr. Nagaraja R (Chief Coordinator- Administration, PES Trust), and Dr. Chaitanya Kumar M V (Principal, PESITM). Dr. Om Prakash Yadav introduced the webinar speaker, Prof. Rishikesh B S., Associate Professor, Azim Premji University, Bangalore, and Karnataka.

Prof. Rishikesh started with the aim of new national education policy. Then he discussed about the changes that have been made in the new education policy. Later he shared the advantages of new education policy and then he concluded with the execution of new education policy.



## PARENTS MEET ON 13/02/2021



## PHOTO COLLAGE COMPETITION FROM 03/06/2021 TO 06/06/2021



PRAJWAL V, EEE, 6TH SEM

OMPRAKASH S M, EEE, 2ND SEM

SUHAS HK, EEE, 2ND SEM

### QUOTES

**Big Things often have small beginnings**

**Janani MD  
4th sem**

**Keep your Struggle as a Secret , Untill You Succeed**

**Janani MD  
4th sem**

**Before Quitting Remember Why you Started**

**Janani MD  
4th sem**

**MEHENDI, LOGO MAKING, PAINTING  
COMPETITION ON 22/06/2021 AND 24/06/2021**



**SOURAV T  
6TH SEM**



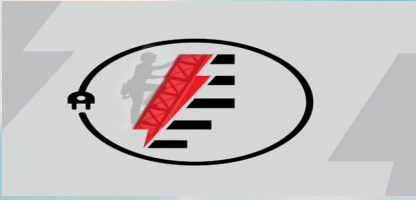
**ASHWINI B V  
6TH SEM**



**AMREEN TAJ  
8TH SEM**



**POOJA H N  
4TH SEM**



**MANDHARA B C  
6TH SEM**



**PAVAN K  
6TH SEM**



**ANANYA S U  
2ND SEM**

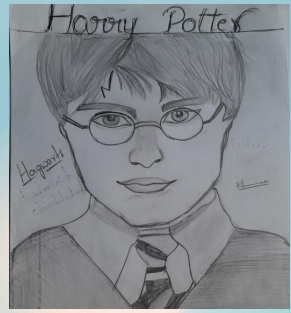
**ETHNIC DAY CELEBRATION ON 30/01/2021**



**FAREWELL DAY FOR FINAL YEAR STUDENTS ON 13/08/2021**



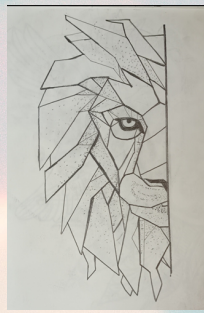
**PENCIL SKETCH/ PAINTING**



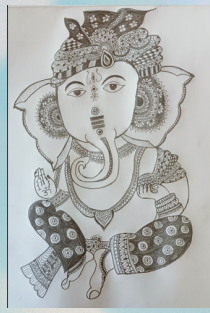
**BHAVANA CM  
4TH SEM**



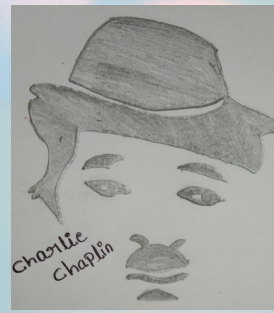
**SHREENITHA N RAJ  
4TH SEM**



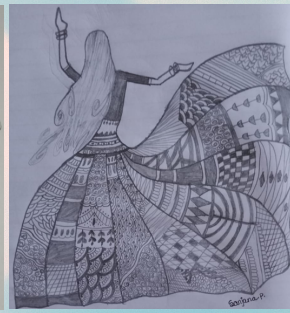
**SHREENITHA N RAJ  
4TH SEM**



**SHREENITHA N RAJ  
4TH SEM**



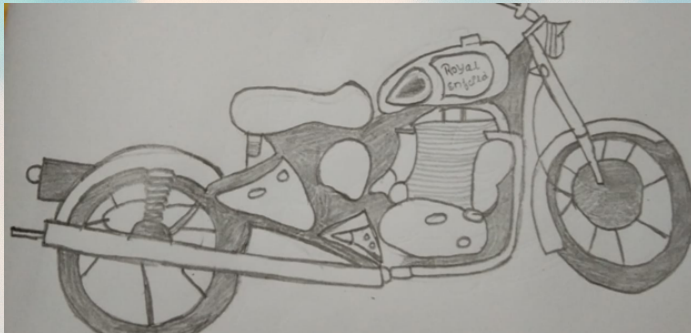
**SANJANA P  
4TH SEM**



**SANJANA P  
4TH SEM**



**SANJANA P  
4TH SEM**



**SANJANA P  
4TH SEM**



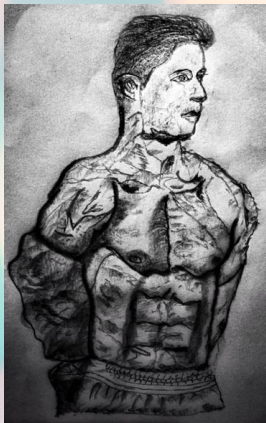
**PRIYANKA S  
4TH SEM**



**PRIYANKA S  
4TH SEM**



**DINESH NH  
4TH SEM**



**DINESH NH  
4TH SEM**



**LIKITHA B  
4TH SEM**



**KIRAN KUMAR S  
4TH SEM**



**PRAJWAL V  
6TH SEM**



**BHUMIKA L  
6TH SEM**



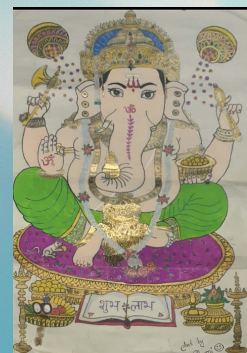
**PRAJWAL V  
6TH SEM**



**ASHWINI BV  
6TH SEM**



**ASHWINI BV  
6TH SEM**



**BHUMIKA L  
6TH SEM**



**PRAJWAL V  
6TH SEM**



**PRAJWAL V  
6TH SEM**

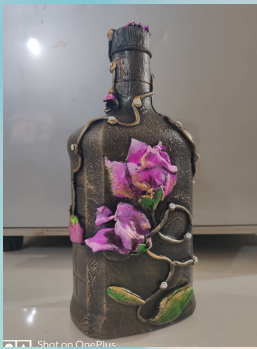


**ASHWINI BV  
6TH SEM**



**ASHWINI BV  
6TH SEM**

# POP ARTS/ BOTTLE ARTS/ POEMS



## నా నోడిద మృనా

అగ నోడిదాళి నిమయ  
మోడిక కవిద వాకావదా

ముంగురిన కనియిండు  
అభిజ్ఞేకగోండు నేలవ కంపినిండు  
మిటిదేద్రీకు నన్న మన

అ నన్న మన ఒండుకడయూదరే  
అదన అభిజ్ఞేకదిండాగి తోండ్లు మృనవు మృన  
తీరిగనువ క్షణ నా మరేత ఇగవన్న

నన్న మనేయి దూరినల్లి  
తన్న నూరిన్ను కంఠ మృన  
కరేయకు అవక మిత్రిన

అవక కలదవదిండాగి నిమిరికు నన్న కఠం  
అవక మృ లుగ్గి తిండావారం  
అవక కణ్ణిలెట బుద్ధద తిలక్త

ఎట్టొంత వారోనిల నిన్న మృన  
నిన్న వారోనిలు తిదగళే కూన్య కూన్య కూన్య



త్రీత్వల్.పి.  
ఎంకెసియరింగ్ విన్యూస్  
ఎలెక్ట్రికల్ విభాగ  
పి.ఐ.ఎస్.సంస్థ  
శివమోగ్గ

**PRAJWAL V  
6TH SEM**

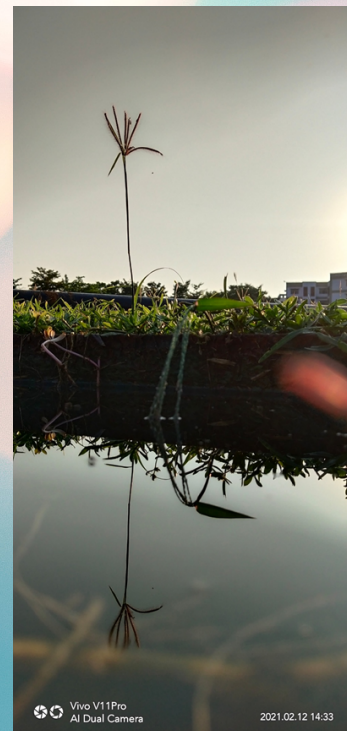
**ASHWINI BV  
6TH SEM**

**ASHWINI BV  
6TH SEM**

Every morning I wake up, empty  
Every night I sleep, empty  
Every moment I live, empty  
The air I breathe to pillow I sleep  
I only have memories of grief.  
I feel no taste,I feel no hate,  
I feel no good,I feel no need.  
Losing myself, out of knowledge  
Only ray of way is to disappear,  
End is my ray of living,  
End is my ray of joy.  
If end is not near, I'll get nearer.  
Cause I wanna end my suffering.  
I just wanna end my suffering.  
Googled my ways to end my suffering,  
Couraged myself to end my suffering,  
Helped myself to convince, it is the only way to end my suffering.  
Until I gave a thought, why was I living?  
Why was I living if this was my end?  
Why was I living if this was my choice?  
Why was I living if this, ? Why? Why?  
Hundreds of reasons to end my suffering but yet I want to know why was I living and suprised to know that thousands of reasons wanted me to live.  
Thousands of reasons with no excuses, want me to live.  
My flesh and blood wanted me to live,  
My collection of outfits wanted me to live,  
The food in my kitchen wanted me to live,  
The dreams yet to fulfill wanted me to live,  
Those praying souls wanted me to live,  
Those sincere efforts wanted me to live,  
I'am counting my reasons to live,  
I'am counting my reasons to breathe,  
I'am counting my reasons to push the end.  
I survived,  
I survived, with reasons to live along with my suffering,  
I survived, with the smile on my mirror,  
I survived, with the hope in my heart,  
I survived with the coffee in my cup,  
I survived because I had noticed my reasons to....

**-MANDARA B C, 6TH SEM**

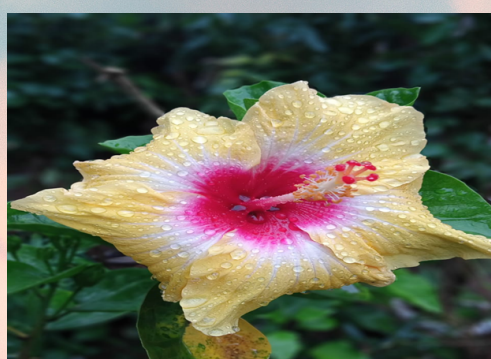
## PHOTOGRAPHY



**MOHANMMAD CHAND  
4TH SEM**

**MOHANMMAD CHAND  
4TH SEM**

**SANJANA P  
4TH SEM**



**DINESH NH  
4TH SEM**

**GOUTHAMI GM  
4TH SEM**

**SANJANA P  
4TH SEM**

**MOHANMMAD CHAND  
4TH SEM**

## STUDENT ACHIEVEMENTS

- 1.Sindhu NK, Deepa M and Harsitha SP attended 11th International Project Competition VISAI-2021 on 23/02/2021 to present a paper titled **"Generation of Electricity from Plastic Waste"**.
- 2.Murugesh Kolhar, Paravati Kasaval, Sowmya GK, and Syed Faisal Pasha attended 11th International Project Competition VISAI-2021 on 24/02/2021 to present a paper titled **"Smart Energy Monitoring System"**.
- 3.Murugesh Kolhar, Paravati Kasaval, Sowmya GK, and Syed Faisal Pasha attended and won First place in 2nd International Conference , ICSA 2021 on 10/04/2021 for presenting a paper titled **"Smart Automation in Computer, Electrical , Electronics and Communication Engineering "**.
- 4.Anusha KU, Ramya M, Roopa B and Keeerthana VS Published a paper titled **"Raspberry-PI based solar powered automatic irrigation system"** in International Journal of Scientific Development and Research (IJSDR) on Jul-2021, Vol-6, Iss-7, ISSN- 2455-2631.
- 5.Bhavya KR, Chandana B, Chandana SR Naik, and Samruddhi Krishna Published a paper titled **"Design of CUK converter for solar panels using PID controller "** in International Journal of Advances in Engineering and Management (IJAEM) on Jul-2021.
- 6.Bhargav B S, Prajval S R, Meghana S,and Apoorva J R Published a paper titled **"Advanced Agricultural Controlling and Monitoring of Green House using Li-Fi Technology "** in International Journal of Research in Engineering and Science (IJRES), Vol-9,Iss-7, ISSN-2320-9364 on Jul-2021.
- 7.Noorani Tehreen, Pooja M, Prakruthi M J, and Usha H attended National Conference on Power Systems Engineering NCPSE-2021 on 1st and 2nd July 2021 to present a paper titled **"IOT based Solar Powered Forest Fire Early Detection and Prevention with Anti-Smuggling System "** Organized by Department of EEE, SDM College of Engineering & Technology, Dharwad in association with Institution of Engineers (India), Dharwad & HESCOM, Hubballi.
- 8.Abhishek GM, Akshay RC, Vijay T, and Vinay HJ Published a paper titled **"Smart Cap - Wearable Visual Guidance System for Blind"** in International Journal of Research in Engineering and Science (IJRES), Vol-9, Iss-8, PP-28-31, ISSN- 2320-9364 on Jul-2021.
9. Arun Kumar, Adarsha H R, Mahesha N, and Nandan Gowda Sj Published a paper titled **"Finger Print Based Electric Load Switching Gear for the Safety of Lineman"** in International Journal of Research in Engineering and Science (IJRES), Volume 9, Issue 8, pp: 07-11, ISSN: 2320-9364 on Jul-2021
10. Sowmya G K, Parvati Kasaval, Murugesh Kolhar, and Syed Faisal Pasha Published a paper titled **"Costing and Estimation of Energy using Raspberry-Pi"** in International Research Journal of Engineering and Technology (IJRET), Vol-8, Iss-7, Imp Factor-7.529 on Jul-2021.
11. Raviprasad C, Rajesh M, Prajwal V M, and Sanjay Published a paper titled **"Development of an Automatic Electric Egg Incubator"** in International Journal of Advances in Engineering and Management (IJAEM), Volume 3, Issue 8, pp: 01-05, ISSN: 2395-5252 on Aug-2021.
- 12.Bhoomika R, Netra J, Pooja FB. Sangeetha S Published a paper titled **"IOT Based Real-Time River Water Quality Monitoring System"** in in International Journal of Research in Engineering and Science (IJRES), Vol-9, Iss-8, PP-28-31, ISSN- 2320-9364 on Jul-2021.
- 13.Aishwarya B.S, Archana.J, Akshatha C, and Bindhu. M Published a paper titled **"A Heartbeat, Temperature and Other Parameters Measuring System for Remote Health Monitoring Using Wireless Body Area Network"** in International Journal of Research Publication and Reviews (IJRPR), Volume 2, Issue 8, ISSN 2582-7421 on Aug-2021.
- 14.Girish MV of 4th semester, actively participated in 3- day workshop on **" Role of Electrical Engineer in space agency "** organized by st. joseph's college of Engineering from 14/05/2021 to 16/05/2021.
- 15.Girish MV of 4th semester, actively participated in 1-day online workshop on **" overview of solar photovoltaic system design "** organized by st. joseph's college of Engineering on 22/05/2021.

## FACULTY ACHIEVEMENTS

- 1.Dr. Om Prakash Yadav Published a paper titled **"A Novel Method Of Preprocessing And Modeling ECG Signals With Lagrange-Chebyshev Interpolating Polynomials"** in International Journal Of System Assurance Engineering And Management on 2021.
2. Dr. Om Prakash Yadav Published a paper titled **"Enhancement And Analysis Of ECG Signals Using Combined Difference Total Variation Optimization"** in Journal Of Applied Science And Engineering on 2021.
- 3.Mr. Rudresh SJ Published a paper titled **"Application Of Hybrid Techniques For Optimal Position And Sizing Of Distributed Generation Units In Radial Distribution System"** in International Journal Of Electrical Engineering & Technology - IJEET, on 2021.
- 4.Mr. Manjunatha Prabhu P Delivered a Guest talk on **"Industrial Automation and Robotics"** in Seminar organized by P A College of Engineering, Mangaluru on 30/06/2021.
- 5.**All the Staff Members** have guided UG project for final year students and published paper in various international Journals during Jan- Jul 2021.
- 6.**All the Staff Members** have attended/undergone number of FDP/ STTP/ Webinar during Jan- Jul 2021.

## KSCST FUNDED PROJECT

A Final year Project Titled **" Generation of Electricity Using Plastic Waste"** under the guidance of **Mr.Kiran MR** is funded by KSCST for Academic Year 2020-21

**Don't Try to Find Yourself,  
Try to Create Yourself**

**Janani MD  
4TH SEM**

# PLACED STUDENTS DETAILS-2021

## COMPANY- PENTAGON SPACE



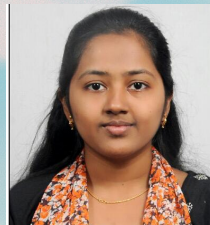
**MEGHANA S**



**BHAVYA KR**



**NANDAN GOWDA  
SJ**



**SHILPA S**



**SINDHU NK**



**SOWMYA GK ABHISHEK GM**



## COMPANY- D-MART



**NANDAN GOWDA  
SJ**



**MAHESHA N**



**MEGHANA S**



**APOORVA JR**



**BHARGAV B  
SHANUBHOG**



**MEGHANA S**

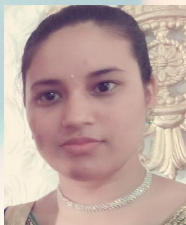
## COMPANY- SKOLAR

## COMPANY- DELOITTE

## COMPANY- VERZEO



**JYOTHI P**



**ROOPA B**



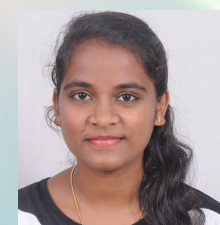
**HARSITHA SP**



**AISHWARYA BS**



**DEEPA M**



**CHANDANA B**



**PARVATHI K**



**NANDAN  
GOWDA SJ**



**SINDHU NK**

## COMPANY- QSPIDERS

## COMPANY- ELCAMINO



**ANUSHA KU**



**CHANDANA B**



**HARSITHA SP**



**MURUGESH K**



**PARVATHI K**



**BHARGAV B  
SHANUBHOG**



**MURUGESH K**

## COMPANY- GLOBAL QUEST

## COMPANY- SEVENTH SENSE

## COMPANY- TECHNOLOGICS



**NS PRATHIKSHA**



**SAMRUDDHI  
KRISHNAA**

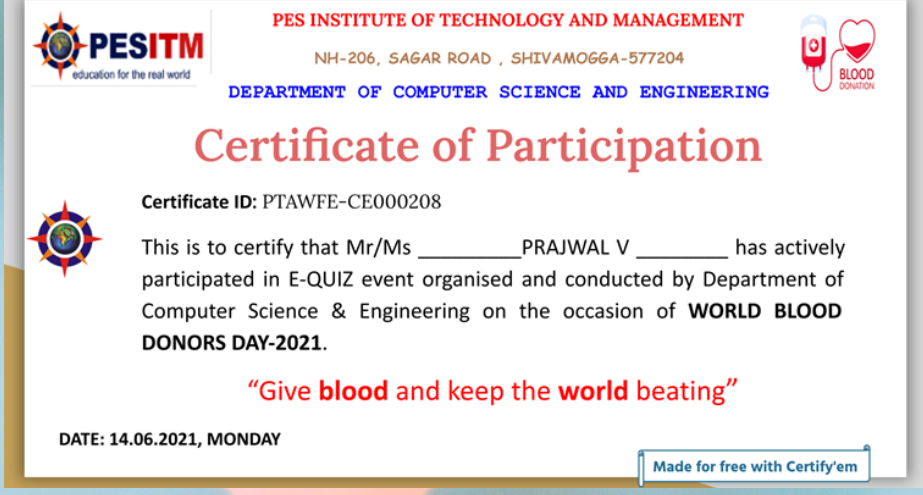


**MURUGESH K**



**HARSITHA SP**





**POETRY FEATURED IN ASIA BOOK OF RECORD SETTING ANTHALOGY WITH MAXIMUM NUMBER OF CO-AUTORS TITLED " MUSINGS- MUNDANE AND MORTAL" AS A PART OF HUMANITY PROJECT MANDARA B C, 6TH SEM**

**ATTENDED E- QUIZ ON WORLD BLOOD DAY14/06/2021 PRAJWAL , 6TH SEM**



**ATTENDED 3-DAY WORKSHOP ON "ROLE OF ELECTRICAL ENGINNER IN SPACE AGENCY" GIRISH MV, 4TH SEM**

**ATTENDED ONLINE WORKSHOP ON "OVERVIEW OF SOLAR PV SYSTEM DESIGN" GIRISH MV, 4TH SEM**

**INVITATION FOR NEWS ARTICLES**

We are pleased to invite everyone to send their articles for future edition of newsletter that fits into the following category.

- Informative, awareness creating, trending, short or descriptive Technical articles /non-technical articles.
- Paintings, pencil sketches, doodles, poems, jokes, photography etc...
- Articles are accepted both in Kannada and English languages.

*please share the above information to E-mail Id:*

[kirankumargr@pestrust.edu.in](mailto:kirankumargr@pestrust.edu.in), [smomprakash123@gmail.com](mailto:smomprakash123@gmail.com), [shreenitharaj@gmail.com](mailto:shreenitharaj@gmail.com), [prajwalpalegar8@gmail.com](mailto:prajwalpalegar8@gmail.com)

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