

23/02/2023

From

**Head of Department,**

Department of Electrical and Electronics Engineering,

Sri Venkateswara College of Engineering,

Sriperumbudur.

To

**The Principal,**

Sri Venkateswara College of Engineering,

Sriperumbudur.

Sir,

**SUB: Requisition to organize one day National level Technical Symposium "PULSE 2023" on 31<sup>st</sup> March 2023 – reg.**

On behalf of Association of Electrical and Electronics Engineers (AEEE), we would like to organize one day National Level Technical Symposium "**PULSE-2023**" on 31<sup>st</sup> March 2023, which will explore and enhance student's interest on various co-curricular activities. We kindly request you to permit us to organize the symposium. The budget proposal is attached herewith.

Thanking you

K.R. Sarthi  
23.2.23  
HOD/EEE

Enclosure: Budget proposal.

To: HOD-EEE  
Approved  
23/2

**Sri Venkateswara College of Engineering**  
(Autonomous Institution –Affiliated to Anna University)  
Department of EEE

**National Level Technical Symposium - PULSE 2023**

Budget proposal:

| Sl. No. | Description  | Amount (Rs)  |
|---------|--|--------------|
| 1.      | Inauguration, Chief Guest – Honorarium + TA  | 5000         |
| 2.      | Cash Prize for winners of all the events<br>((Rs.750 (I place) + Rs.500 (II place))*7 events<br>= Rs.8750) | 8750         |
| 3.      | Participant certificates (250 Nos. * Rs.15 =<br>Rs.2250)   | 3750         |
| 4.      | Banners, posters & postal expenses   | 2500         |
| 5.      | Refreshments (for AEEE volunteers)   | 3000         |
|         | <b>Total</b>   | <b>23000</b> |

*K.R. Sarthi*  
23.2.23  
**HOD/EEE**

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**Department of Electrical and Electronics Engineering**  
**National Level Technical Symposium - PULSE-2023 - Event details**

(will be updated)

| Sl. No. | Name of Event       | Short description   | Venue                        | Student coordinators                  | Faculty coordinator |
|---------|---------------------|---|------------------------------|---------------------------------------|---------------------|
| 1       | Paper presentation  | Domain specific paper presentation  | Video Hall                   | Keerthana, Aravin<br>Takshan          | Mr.V.Karthikeyan    |
| 2       | Poster presentation | Poster preparation for the given theme  | Automation Laboratory        | Jayakrishna,<br>Visalakshi            | Mr.E.Naveenkumar    |
| 3       | Project Expo        | Project display based on the domain specifications  | Function hall                | Mohammed Harris,<br>Mohana Krishnan   | Mrs.S.Akila         |
| 4       | Circuitrix          | Various components will be available and the participant have to design a circuit to suit the given concept                               | Power electronics laboratory | Augustin A, Hari<br>Ashwin            | Dr.R.J.Venkatesh    |
| 5       | ADDA                | Round 1 Quiz<br>Round 2 Building of digital circuit for given truth table<br>Round 3 Analog   | Power electronics laboratory | Karthick ramanan<br>Sharath Kumar     | Dr.C.Kamal          |
| 6       | PoSysSim            | Power system analysis related problem statement will be given. Participants should provide optimal solution by coding/simulink model      | Software Laboratory          | Sobitha, Suresh                       | Dr.C.Venkatesan     |
| 7       | CodeEmbed           | Round 1 Debudding<br>Round 2 Improvisation existing system  | MPMC laboratory              | Mohammed Kaif,<br>Infant Vimal        | Mrs.K.S.Pavithra    |
| 8       | Surprise Event      | Details will be disclosed at the venue  | EPL laboratory               | Dhaanya Kumar,<br>Sanjana Sureshkumar | Dr.D.Amudhavalli    |
| 9       | ElectricWordza      | A team of two participants, one participants will give clues and the other participant will find the word                                 | Machines-1 Laboratory        | Dafinny, Viswa Sree                   | Mrs.S.Sinthamani    |
| 10      | GaussLaw            | Participants are expected to solve questions despite the distractions   | Machines-2 laboratory        | Arun prasath, Tharun<br>Balaji        | Mr.D.S.Purusothaman |
| 11      | TechBrain           | Participants should talk 'for and against' about the given theme. Presenting valid key points despite frequent switching of perspectives. | Function Hall                | Panimalar, Bharath                    | Mr.S.Bharadwaj      |

KR. Sath  
23.2.23  
(MOD. EET)

**National Level Technical Symposium, PULSE '23 - Inaugural Invite - Reg**

1 message

HOD EEE &lt;hodee@svce.ac.in&gt;

Thu, Mar 30, 2023 at 3:20 AM

To: Secretary SVCE <secretary@svce.ac.in>, Principal SVCE <principal@svce.ac.in>, HODs Group <hod@svce.ac.in>, Dean Education Development <deaned@svce.ac.in>, Dean Academic <deanacad@svce.ac.in>, Dean Research <deanres@svce.ac.in>, svcefaculty <svcefaculty@svce.ac.in>

Dear Sir/Madam,

**Greetings!**

We are pleased to inform you that the Association of Electrical and Electronics Engineers (AEEE), Department of Electrical and Electronics Engineering is organising a National Level Technical Symposium **PULSE '23** on **31st March 2023**.


The Inaugural invite and agenda is attached herewith.

The department of EEE cordially invites you ALL for the Inaugural event.

**Time: 9.15 AM onwards****Venue: Video Hall**

Thanks &amp; Regards,

Dr.KR.Santha,  
Vice Principal & HOD/EE  
SVCE

 **Inauguration invitation.pdf**  
11521K



Sri Venkateswara  
College of  
Engineering

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS

PRESENTS

# PULSE'23

INAUGURATION BY

M. MURUGAN  
MD & CEO OF MV POWER



## CONVENOR

Dr.KR.Santha, Vice-Principal,  
Professor & Head of Dept,  
Department of EEE

## CO-ORDINATORS

Dr.M.Sankar, Asst. Professor  
Mr.S.Sudharsanam, Asst. Professor  
Department of EEE

## STUDENT CO-ORDINATORS

Ms. N.Harini, Gen. Sec.  
Mr. S.Sabari, Joint Sec.



31<sup>st</sup> MARCH 2023 @ 9:00 AM

VENUE: Video Hall

[svce.ac.in](http://svce.ac.in)





# AGENDA



**Inauguration: (9.15 AM to 10.15 AM)**

- Prayer song
- Welcome address
- Lighting the Kuthuvilakku
- Felicitating the Chief Guest
- Address by HOD
- Chief Guest introduction
- Inaugural address & lecture by Chief Guest
- Events start (10.15 am onwards)

**Valedictory: (2.45 PM to 3.15 PM)**

- Welcome Address
- Winners' announcement
- Certificate & Prize distribution
- Vote of Thanks
- National Anthem



## **MD & CEO MESSAGE**

### **Brief about MD & CEO :**

Technically sound with in experience of 34 years in various fields served in private sector and TANGEDCO MRT/ Substation / Operation & Maintenance EHV Transformer repairs, Testing & Commissioning etc . Well versed in IER rules and standards as good Experience in Electrical field.

I would like to contribute my gratitude to all my customers for success in the 26 last Years . As an Electrical Contractor **with** Consultancy, fabrication **unit**, we **have** explored in **many** industrial segments and commercial buildings. Our expectation towards to **2021 - 2022** are higher than the Electrical contractor as well as Project Management Consultancy

The next decade will be truly challenging for the Company and the employees. I will not only continue to expand our existing portfolio, but, **also** embark on the exciting **journey** of transforming ourselves **from** an Electrical Contracting Company to a **Project** Management Company. I am sure our dedicated and energetic employees will continue to strive hard and take this Company from being Good to Great success.

**Be Good Do Good always**

**Result will be excellent**

Regards

M. Murugan, ME.



**M. Murugan, ME.**  
**98410 44221**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS

# PULSE'23

A National Level Technical Symposium

MARCH 31<sup>st</sup>  
2K23



REGISTRATION  
CLOSES ON  
29th MARCH

SCAN TO  
REGISTER

CONVENOR  
Dr.KR.Santha,  
Vice Principal,  
Professor & Head of the Dept.

CO-ORDINATORS  
Dr.M.Sankar, Asst. Professor  
Mr.S.Sudharsanam, Asst. Professor

STUDENT CO-ORDINATORS  
Ms.N.Harini, General Secretary  
Mr.S.Sabari, Joint Secretary



For further details visit event website:

[pulse23.tech](http://pulse23.tech)

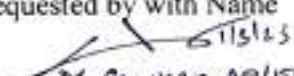
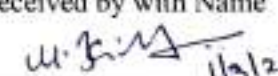






**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**Booking Video / Function Halls**

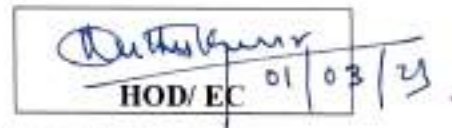
|    |  |  |
|----|--|--|
| 1. | Department                             | EEE  |
| 2. | Date(s) on which halls are required    | 31/03/2023   |
| 3. | Timings for which the hall is needed   | 8:30 AM to 4:30 PM                                 |
| 4. | Halls Required (Tick whichever needed) | Video / Function / Both ✓                          |
| 5. | Facilities Required                    | ✓<br>OHP / LCD Projector / Video Filming           |
| 6. | Purpose                                | National Level Technical Symposium<br>Pulse - 2023 |
| 7. | Any other remarks                      | nil  |

|   |  |  |
|---|--|--|
| Requested by with Name<br><br>M. SANKAR AP/EEE | HOD- Department of EEE<br>KR. Sankar<br>1-3-23 | Received by with Name<br><br>16/23 |
|---|--|--|

**For use in EC Department:**

**Form No:**

**Booked / Not booked**



**Note:** 1. Kindly send the completed requisition forms sufficiently in advance.

2. In case, you want to cancel the booking please intimate us in advance, stating the reasons.

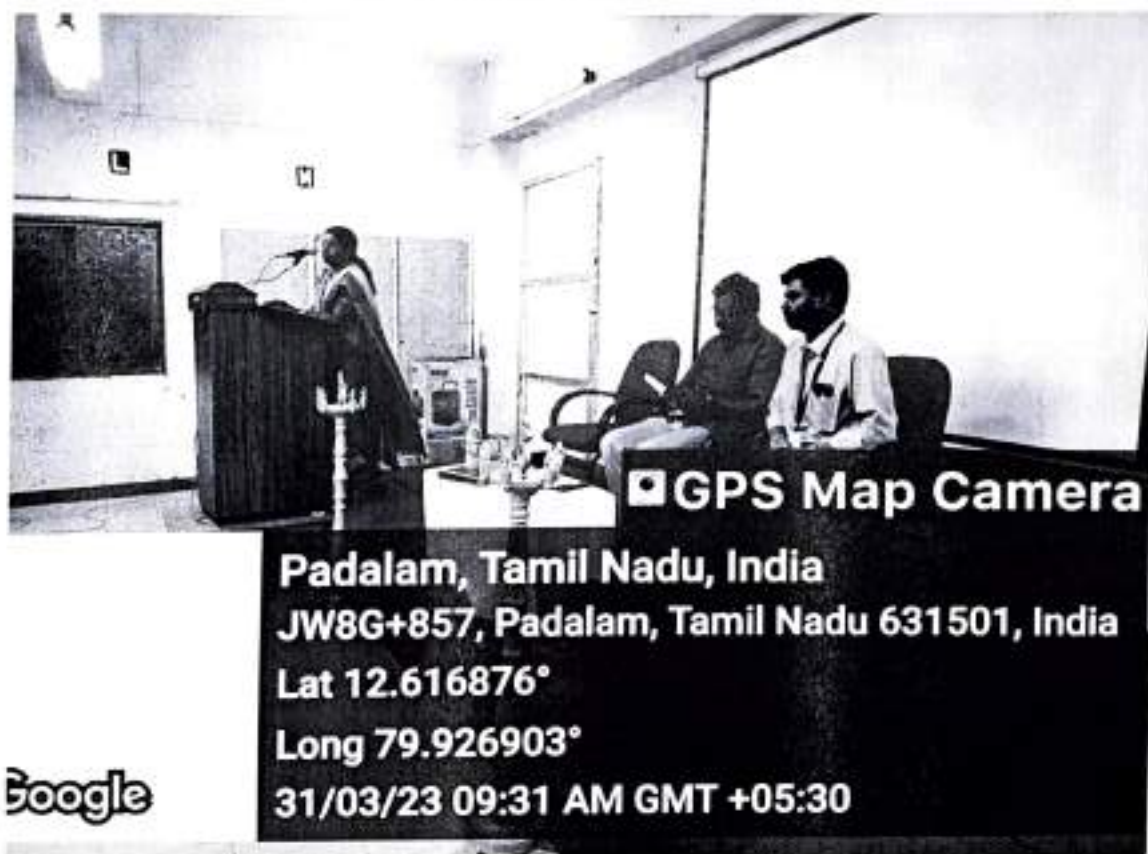
**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

31/03/2023

REPORT on

**PULSE'23 - A NATIONAL LEVEL TECHNICAL SYMPOSIUM**

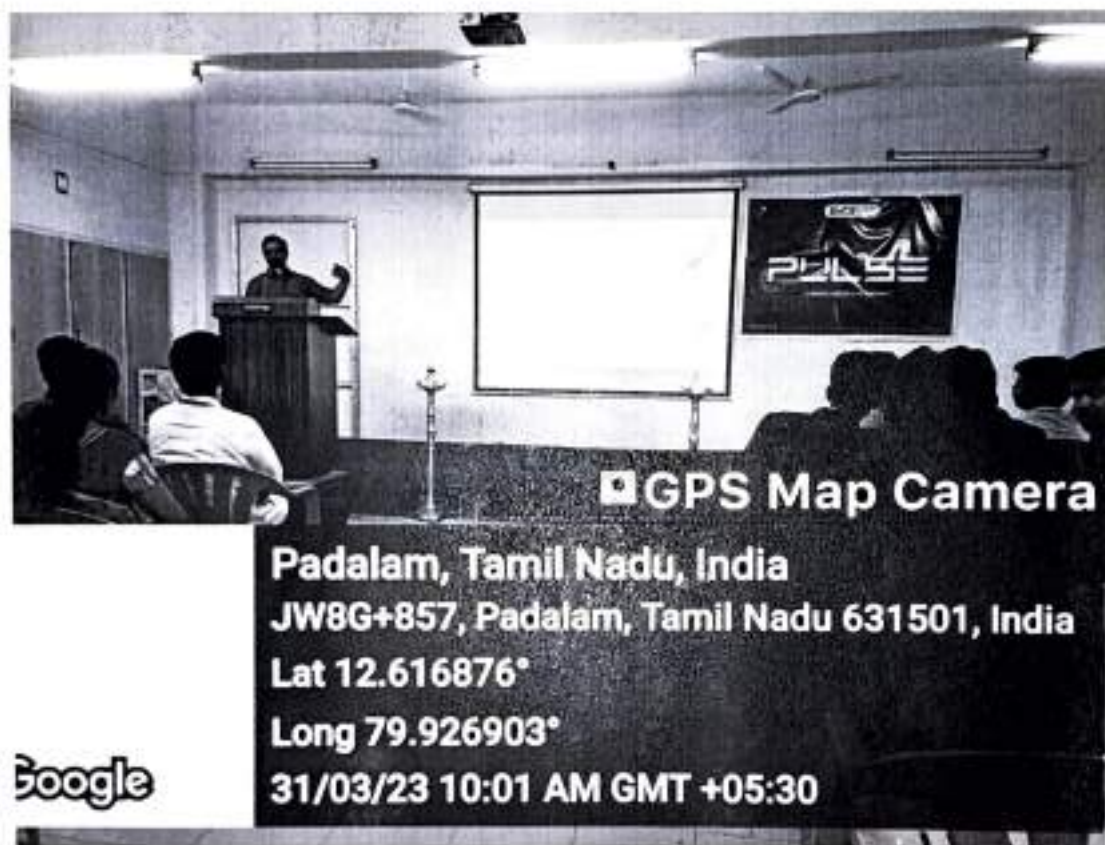
PULSE'23 is a National Level Technical Symposium organized by the Department of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering. The symposium was conducted on 31<sup>st</sup> March 2023 that featured ten technical events. This symposium witnessed 379 total registrations with 144 registrations from different technical institutions across the State and 235 registrations from SVCE (Annexure-I).



**Inaugural address by HOD/EEE**

The symposium commenced traditionally with a prayer song at 9.30 AM. Mr.M.Murugan, MD & CEO of MV Power, Chennai inaugurated the Symposium by lighting the

Kuthuvillaku, Dr.M.Sankar AP/EEE delivered the Welcome address. Dr. KR. Santha, Vice-Principal, Prof. and HOD/EEE, delivered the Inaugural Address. The significance of organizing the symposium every year, a brief account on various events of Pulse'23, how the participations in events like this adds value to the students profile and placements were few important extracts of the inaugural speech. The chief guest presented a guest lecture on the topic 'Substation Design Guidelines'.



#### **Guest Lecture by Chief Guest**

Followed by the inaugural address and guest lecture, the various events commenced at 10.30 AM. The detailed schedule of the parallel events is given as Annexure-2.

The various technical events conducted in Pulse'23 include Paper presentation, Poster Presentation, Project Expo, CircuitSentry, ADDA, PoSysSim, CodeEmbed, ElectricWordza, ElectricRush and TechBrain.

The major technical events were paper presentation, projects expo and poster presentation. Innovative presentations were showcased by the students from various reputed colleges across the State.



**Name of the participating Colleges:**

1. Panimalar Engineering College,
2. Sri Sai Ram Engineering College,
3. Velammal Engineering College,
4. Rajalakshmi Institute of Technology,
5. Saveetha Engineering College,
6. RMK College of Engineering and Technology,
7. Vel Tech High Tech Dr.RangarajanDr.Sakunthala Engineering College,
8. Rajiv Gandhi College of Engineering,
9. Paavai Engineering College
10. MepcoSchlenk Engineering College,
11. Easwari Engineering College,
12. Agni College of Technology,
13. S.A.Engineering College
14. St Joseph's College of Engineering,
15. Prathyusha Engineering College,
16. Adhi College of Engineering And Technology
17. Vellore Institute of Technology
18. GRT Institute of Engineering and Tech
19. Kongu Engineering College,
20. National Engineering College

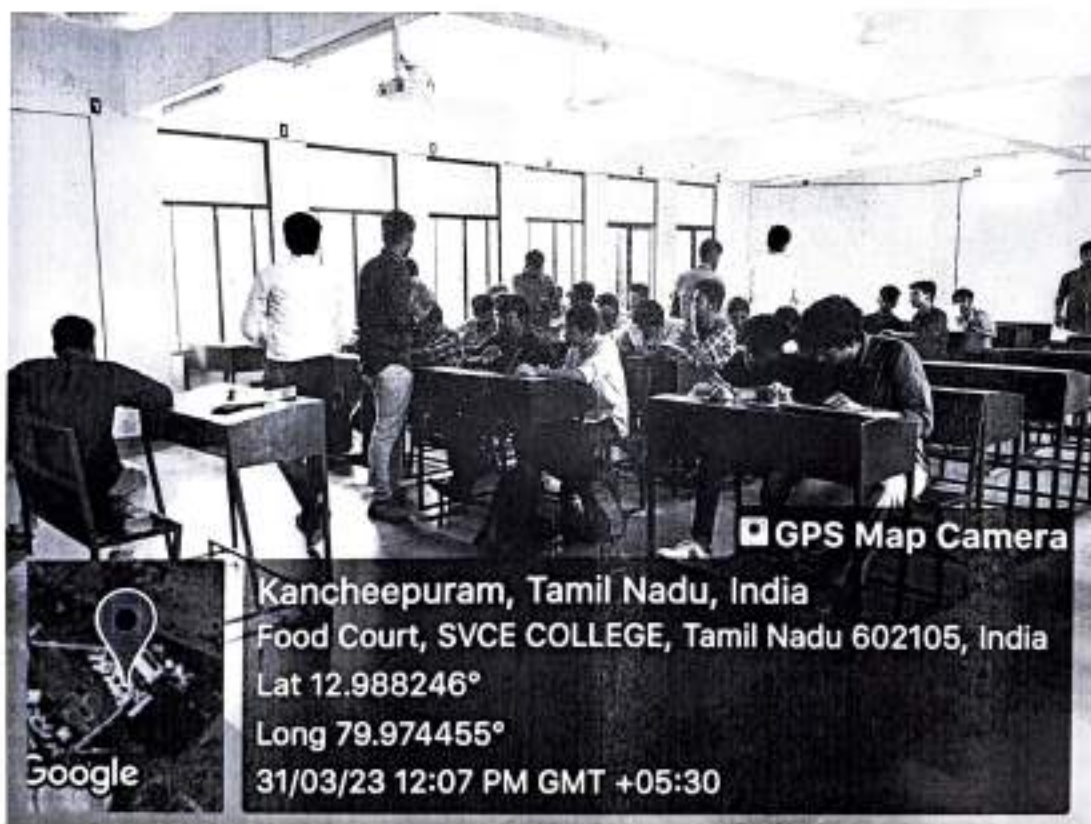


**Project Expo event**





Poster presentation event



ElectricRush event



CircuitSentry event



Certificate distribution by HOD/EEE

CircuitSentry, ADDA, PoSysSim, CodeEmbed, ElectricWordza, ElectricRush and TechBrain events served to be great platforms for the students of second and third year of SVCE to exhibit their technical knowledge on Arduino, Logic circuits and Fundamental Electric Circuit analysis.



**Certificate of Appreciation and Prize money distribution by HOD/EEE**

The valedictory of symposium started at 3.30 PM with the announcement of prize winners of various events, distribution of prize money, and appreciation and participation certificates by Dr. KR. Santha, Vice-Principal, Prof. and HOD/EEE. The symposium concluded with National Anthem.

*KR. Santha*  
11.4.23  
HOD/EEE



**Annexure-1**

| <b>SRI VENKATESWARA COLLEGE OF ENGINEERING</b>                                      |                      |                            |             |                       |  |
|---|----------------------|----------------------------|-------------|-----------------------|--|
| <b>Department of Electrical and Electronics Engineering</b>                         |                      |                            |             |                       |  |
| <b>National Level Technical Symposium - PULSE-2023 - Event Registration details</b> |                      |                            |             |                       |  |
| <b>Sl. No.</b>  | <b>Name of Event</b> | <b>Total registrations</b> | <b>SVCE</b> | <b>Other colleges</b> | <b>Other college details</b>   |
| 1   | Paper presentation   | 62                         | 32          | 30                    | PANIMALAR ENGINEERING COLLEGE, Sri Sai Ram Engineering College, Velammal Engineering College, RAJALAKSHMI INSTITUTE OF TECHNOLOGY, Saveetha engineering college, RMK COLLEGE OF ENGINEERING AND TECHNOLOGY, Vel Tech High Tech Dr.RangarajanDr.Sakunthala engineering College, Rajiv Gandhi College of Engineering, PAAVAI ENGINEERING COLLEGE |
| 2   | Poster presentation  | 60                         | 54          | 6                     | GRT IET, Adhi College of Engineering and Technology, Prathyusha engineering college, Kongu Engineering College, National Engineering College   |
| 3   | Project Expo         | 21                         | 11          | 10                    | St Joseph's college of engineering, Prathyusha Engineering College, VELAMMAL ENGINEERING COLLEGE, R.M.K college of engineering and technology, AdhiCollege of Engineering and Technology   |
| 4   | CircuitSentry        | 32                         | 19          | 13                    | MepcoSchlenk Engineering College, Easwari Engineering College, Agni college of technology, S.A.ENGINEERING COLLEGE   |
| 5   | ADDA                 | 41                         | 30          | 11                    | S.A.ENGINEERING COLLEGE, MEPCO SCHLENK ENGINEERING COLLEGE, Easwari Engineering College, St Joseph's College of engineering  |
| 6   | PoSysSim             | 31                         | 13          | 18                    | GRT Institute of Engineering and Tech, S.A.ENGINEERING COLLEGE, MepcoSchlenk Engineering College, Easwari engineering college, GRT institute of engineering and tech, Agni college of technology   |



|              |                    |            |            |            |  |
|--------------|--------------------|------------|------------|------------|--|
| 7            | CodeEmbed          | 21         | 13         | 8          | Vellore Institute of Technology, Adhi College of Engineering and Technology, MepcoSchlenk Engineering College, R.M.K college of engineering and technology,  |
| 8            | ElectricWordz<br>a | 55         | 35         | 20         | Agni college of Technology, St Joseph's College of engineering, Easwari Engineering college, R.M.K college of engineering and technology, Sri Sairam engineering College, MepcoSchlenk Engineering College, SRM easwari engineering college, PANIMALAR ENGINEERING COLLEGE, MepcoSchlenk Engineering College, SA Engineering College, St.joseph college of engineering |
| 9            | ElectricRush       | 33         | 13         | 20         | MepcoSchlenk Engineering College, Easwari Engineering College, Agni college of technology, PANIMALAR ENGINEERING COLLEGE   |
| 10           | TechBrain          | 23         | 15         | 8          | Vellore Institute of Technology, Adhi College of Engineering and Technology, MepcoSchlenk Engineering College, St.joseph college of engineering  |
| <b>TOTAL</b> |                    | <b>379</b> | <b>235</b> | <b>144</b> | <b>20 different colleges</b>   |

KR. Sankar  
11.4.23  
HOD/EEE

## Annexure-2

| SRI VENKATESWARA COLLEGE OF ENGINEERING                         |                     |  |                               |  |   |
|---|---------------------|--|-------------------------------|--|---|
| Department of Electrical and Electronics Engineering            |                     |  |                               |  |   |
| National Level Technical Symposium - PULSE-2023 - Event details |                     |  |                               |  |   |
| SL No.  | Name of Event       | Short description  | Venue                         | Student coordinators   | Jury / Faculty coordinator  |
| 1   | Paper presentation  | Domain specific paper presentation (Embedded Systems, Nanotechnology, Drones and Robotics, Artificial Intelligence, Technology in Healthcare, IoT, Blockchain) | EEE Dept. Software Laboratory | Keerthana S (8248737330),<br>AravinTakshan K K (7904976457)          | Dr.Sudhakar K B, Prof/EEE,<br>Dr.S.S.Sethuraman, ASP/EEE,<br>Dr.D.Amudhavalli, AP/EEE |
|   |                     | Domain specific paper presentation (Electrical Machines, Power Electronics, Electric Vehicle, Power Systems)   | EEE Dept. seminar hall        | Ajay Rohith G (9345477634),<br>BharathiPriyadars hini P (8610469234) | Dr.S.Kumaravel, ASP/EEE,<br>Dr.T.Annamalai, ASP/EEE,<br>Mrs.S.Arulmozhi, AP/EEE       |
| 2   | Poster presentation | Poster preparation for the given theme:  | Video hall                    | Jayakrishna D N (9566122197),<br>Jagannathan K (9944939723)          | Dr.N.K.Mohanty, Prof/EEE,<br>Dr.R.Karthikeyan, ASP/EEE,<br>Dr.C.Gopinath, ASP/EEE     |
| 3   | Project Expo        | Project display based on the domain specifications   | Automation Laboratory         | Mohammed Harris R (8939001194),<br>Mohana Krishnan K (9488689079)    | Dr.S.G.Bharathidasa n, ASP/EEE,<br>Dr.R.Kannadasan, AP/EEE                            |
| 4   | CircuitSentry       | Various components will be available and the participant have to design a circuit to suit the given concept.   | Power Electronics laboratory  | Augustin A (9445990602),<br>HariAshwin S (7868029266)                | Dr.N.Shanmugavadi vu, AP/EEE,<br>Mr.D.S.Purusothama n, AP/EEE                         |
| 5   | ADDA                | Round 1 Quiz<br>Round 2 Building of digital circuit for given truth table<br>Round 3 Analog  | Power Electronics laboratory  | KarthickRamanan S P (8838348299),<br>Sharath Kumar V G (9176483569)  | Mrs.M.Sasikala, AP/EEE,<br>Mrs.M.Rajalakshmi, AP/EEE                                  |
| 6   | PoSysSim            | Power system analysis related problem statement will be given. Participants should provide optimal solution by coding/simulink model                           | Software Laboratory           | Sobitha B (7550230254),<br>Suresh B (6374749525)                     | Dr.C.Venkatesan, AP/EEE,<br>Mr.I.ArunAbishek AP/EEE                                   |
| 7   | CodeEmbed           | Round 1 Debudding<br>Round 2 Improvisation existing system   | MPMC laboratory               | Mohammed Kaif D (7358466036),<br>Infant Vimal M (6369108478)         | Mrs.K.S.Pavithra, AP/EEE,<br>Mrs.S.Sinthamani, AP/EEE                                 |

|    |                       |   |                       |  |  |
|----|-----------------------|---|-----------------------|--|--|
| 8  | <i>Electric Wordz</i> | A team of two participants. one participants will give clues and the other participant will find the word                                 | Machines-1 Laboratory | Dafinny T (8838253028),<br>ViswaSree S (9043018803)        | Mrs.K.Suganthi, AP/EEE,<br>Mrs.S.Akila, AP/EEE                               |
| 9  | <i>Electric Rush</i>  | Participants are expected to solve questions despite the distractions.  | Machines-2 laboratory | ArunPrasath N (8778241844),<br>TharunBalaji G (9150827575) | Mr.S.Thamizmani, AP/EEE,<br>Mr.E.Naveenkumar, AP/EEE                         |
| 10 | <i>TechBrain</i>      | Participants should talk 'for and against' about the given theme. Presenting valid key points despite frequent switching of perspectives. | Video hall            | Panimalar S N (7358312361),<br>Barath S N (7010310429)     | Mr.M.Ranjithkumar AP/EEE,<br>Dr.C.Kamal, AP/EEE,<br>Mr.V.Karthikeyan, AP/EEE |

K.R. Sankar  
11.4.23  
HOD/EEE



FT/GN/48/01/10.06.15

SRI VENKATESWARA COLLEGE OF ENGINEERING  
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT : EEE

|                                     |  |
|-------------------------------------|--|
| Name of the Speaker                 | : Mr. M. Murgan  |
| Designation                         | : MD & CEO   |
| Institution/University/Organization | : MV Power, Chennai  |
| Mobile / E-mail                     | : <a href="mailto:eamvpower@gmail.com">eamvpower@gmail.com</a>   |
| Title of the Lecture                | : Substation Design Guidelines   |
| Date                                | : 31/03/2023   |
| Time                                | : 9:30 AM to 10:45 AM  |
| Venue                               | : Video Hall   |
| Comments by the Speaker             | :<br><p>Good atmosphere in Hall and the Students are very much cooperative, then the Students very much receive the subject which we explain on stage as a speaker. Overall nice and satisfied.<br/>Thank you all.</p> |
| Suggestions for improvement         | : —  |
| Signature of the Speaker            |   |

Signature of Coordinator  
31/03/23

M. Murgan  
MV Power  
31/03/23

Signature of HOD





(An Autonomous Institution - Affiliated to Anna University, Chennai)  
Ponnalur, Sriperumbudur, Kanchipuram (DT) - 602117

Sri Venkateswara  
College of  
Engineering



IEEE

SVCE  
Student Branch

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS

Certificate of Participation

This is to certify that.....of

.....has participated in the event ..... of

**PULSE'23** - A National Level Technical Symposium organized by the  
Department of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering  
on 31st March 2023.

Dr.S.Ganesh Vaidyanathan  
Principal

Dr. KR. Santha, Vice Principal  
Professor & HoD - EEE



Top Ranked Affiliated  
Institution in Tamil Nadu



5/5 Star Rated  
Innovation Cell



SMART INDIA  
HACKATHON  
2020

Top  
Performer



Recognized  
Incubation Center



Certified  
Organization



Accreditations

