

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2023-2024

NATIONAL LEVEL TECHNICAL SYMPOSIUM

ENIGMA'23

Electrical Novel Imagination for Global Magnification'23

POST SYMPOSIUM – REPORT

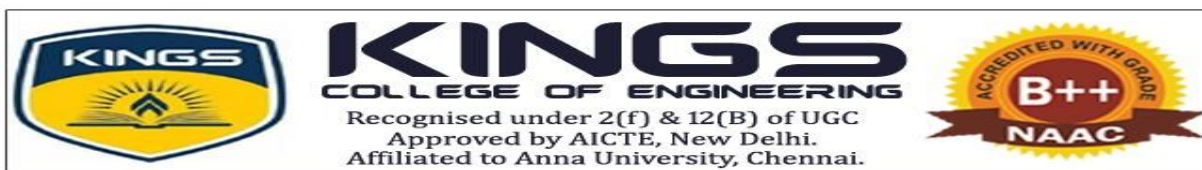


DATE : 10.10.2023
VENUE : Chera Hall & Pallava Hall
No. of Participants : 40
Resource Person: : Dr.M.Venkata Kirthiga,
(Chief Guest) Professor / EEE,
National Institute of Technology,
Trichy – 620015.

Symposium Co-ordinator

HOD/EEE

Principal



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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NATIONAL LEVEL TECHNICAL SYMPOSIUM

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POST SYMPOSIUM – REPORT

CONTENT

SNo	Description	Page No
1.	Symposium Poster, Brochure & Invitation	1 - 2
2.	Agenda	3 - 4
3.	Objectives of Symposium, Inaugural, Presentation & Valedictory Sessions	5 - 6
4.	Snapshot	7 -13
5.	Prize Winners List	14
6.	Feedback	15
7.	Certificate Samples	16
8.	Outcome	17
9.	Chief Guest Profile	18 -19

SYMPOSIUM POSTER, BROCHURE & INVITATION:

POSTER:



KINGS
College of Engineering
Recognized under 2(f) & 12(B) of UGC, Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
Near Thanjavur, Punalkulam, Pudukkottai - 613303

National Level Technical Symposium
10-10-2023

CISABZ'23
Resource Person
Mrs.B.Senthamizh Selvi
Talent Acquisition Lead,
vThink global technologies Pvt Ltd,
Chennai.

ELECTROVIBEZ'23
Resource Person
Dr.M.Senthil Sivakumar
Assistant Professor/ECE,
Indian Institute of Information Technology,
Tiruchirappalli.

ENIGMA'23
Resource Person
Dr.M.Venkata Kirthiga.
Professor/EEE,
National Institute of Technology,
Tiruchirappalli.

Welcome You All...



KINGS COLLEGE OF ENGINEERING
Recognized under 2(f)&12(B) of UGC, Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai
Near Thanjavur, Punalkulam, Pudukkottai - 613303

National Level Technical Symposium
10-10-2023

Department of Computer Science and Engineering
Proudly Presents
CISABZ'23
Resource Person
Mrs.B.Senthamizh Selvi
Talent Acquisition Lead,
vThink global technologies Pvt Ltd,
Chennai.

Department of Electronics and Communication Engineering
Proudly Presents
ELECTROVIBEZ'23
Resource Person
Dr.M.Senthil Sivakumar
Assistant Professor/ECE,
Indian Institute of Information Technology,
Tiruchirappalli.

Department of Electrical and Electronics Engineering
Proudly Presents
ENIGMA'23
Resource Person
Dr.M.Venkata Kirthiga.
Professor/EEE,
National Institute of Technology,
Tiruchirappalli.

Welcome You All...

BROCHURE:



KINGS COLLEGE OF ENGINEERING
NAAC B++ Accredited Institution, Recognized Under 2(f) & 12(B) of UGC, Punalikulam, Near Thanjavur,
Gandavakottai Taluk, Pudukkottai District-613505

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
PROUDLY PRESENTS
NATIONAL LEVEL TECHNICAL SYMPOSIUM
ENIGMA 2K23
ELECTRICAL NOVEL IMAGINATION FOR GLOBAL MAGNIFICATION
ON 10.10.2023

TECHNICAL EVENTS
Minds Unfolded
Circuit Dilemma
Brain Buster

NON-TECHNICAL EVENTS
Spotify Vibes
Paper Wings

Reg. Fees
Rs 200/ Per Head

C.Praveen Kumar - 9585029606
P.Milton Infant Rai - 9791927202
Student Incharges

Dr.A.Albert Martin Ruban
HOD/EEE
Convener

Dr.J.Arputha Vijaya Selvi
Principal

Dr.R.Rajendran
Secretary

Last date for Paper Submission : 06.10.2023
Last Date for Registration : 09.10.2023

eeenigma2k23@gmail.com
<http://bit.ly/enigma2023>

INVITATION:



KINGS COLLEGE OF ENGINEERING
PUNALKULAM, THANJAVUR-613 303

INVITATION
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

We cordially invite your
valuable moment in our symposium

ENIGMA'23
ELECTRIFYING NOVEL IMAGINATION FOR GLOBAL MAGNIFICATION

CHIEF GUEST:
DR. M. VENKATA KIRTHIGA
PROFESSOR
DEPARTMENT OF EEE
NATIONAL INSTITUTE OF TECHNOLOGY
TRICHY-620 015

Tuesday, 10 - October 2023
Time : 10:00am -4:00pm
Venue : Chera hall
ALL ARE INVITED

AGENDA:

OVER ALL AGENDA:

ENIGMA '23

Date : 10.10.2023

Venue : Chera & Pallava Hall

Time: 10.00 a.m.

10.00 a.m.	Inaugural Function	Chera Hall
11.30 a.m.	Refreshment	Electrical Machines Lab
11.45 a.m.	Paper Presentation	Pallava Hall & Smart Classroom
01.15 p.m.	Lunch	Power Electronics Lab
02.00 p.m.	Other Events	Pallava Hall & Electrical Machines Lab
03.30 p.m.	Validatory Function	Pallava Hall
04.00 p.m.	National Anthem	Students

INAUGURAL AGENDA:

National Level Technical Symposium – 2023

Organized by

Departments of CSE, ECE & EEE

Date: 10.10.2023

10:00 - 10:02 a.m.	Prayer Song	
10:02 - 10:06 a.m.	Welcome Address	Ms. Thahseen Akbar, IV Year/ CSE, KCE
10:06 - 10:08 a.m.	Lamp Lighting	Dignitaries
10:08 - 10:12 a.m.	Honouring the Guests	Dignitaries
10:12 - 10:20 a.m.	Inaugural Address	Dr. J. Arputha Vijaya Selvi, Principal, KCE.
10:20 - 10:30 a.m.	Presidential Address	Dr. R. Rajendran, Secretary, RET.
10:30 - 10:35 a.m.	Felicitation	Dr. S. Sivakumar, Vice Principal, KCE
10:35 - 10:38 a.m.	Introduction to Chief Guest	Mr. S. Mohamed Sameer IV Year/ CSE, KCE
10:38 - 10:43 a.m.	Special Address	Ms. B. Senthamizh Selvi, Talent Acquisition Lead, vThink Global Technologies Pvt. Ltd, Chennai
10:43 - 10:45 a.m.	Introduction to Chief Guest	Mr. S. Krithick Vasan IV Year/ECE, KCE
10:45 - 10:50 a.m.	Special Address	Dr. M. Senthil Sivakumar, Assistant Professor/ECE, Indian Institute of Information and Technology, Tiruchirappalli.
10:50 - 10:53 a.m.	Introduction to Chief Guest	Mr. M. Mukash IV Year/EEE, KCE
10:53 - 11:03 a.m.	Special Address	Dr. M. Venkata Kirthiga, Professor/EEE, National Institute of Technology, Tiruchirappalli.
11:03 - 11:10 a.m.	Souvenir Release	Dignitaries
11:10 - 11:12 a.m.	Vote of Thanks	Ms. V. Shanmuga Priya IV Year/ECE, KCE

OBJECTIVES OF SYMPOSIUM:

The objectives of this symposium are:

- To enhance the student's creativity, thinking ability, team work, problem solving skill etc.
- To provide a common platform for all the participants to congregate and interact with peers.

PROGRAM CONDUCTED:

The brochure of ENIGMA'23 was sent to 50 colleges before one month. The last date for submission of papers was 07.10.2023. The registration form circulated through whatsapp, website and other social media platform. We received 17 papers and 40 members registered for various technical and non technical events from various colleges. 12 teams have been participated in the paper presentation. A one day national level technical symposium ENIGMA'23 organized by Department of EEE started with inaugural session on 10.10.2023. The session started with the prayer song Tamizhthai vazhthu. Then the session continued with the welcoming address by student. Lighting the holy lamp is considered as an important ceremony.

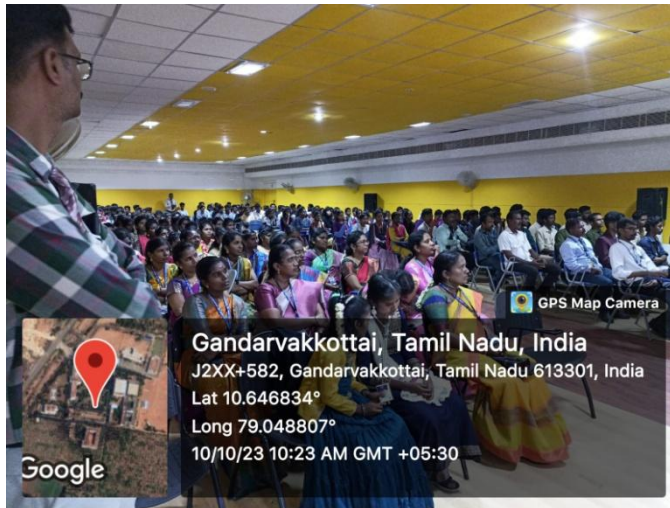
The Chief Guest, Secretary, Principal, Vice Principal and a Participant from the student are invited to light the lamp. The session is followed by honoring the chief guest. Here our Secretary Dr.R.Rajendran honored the chief guest Dr.M.Venkata kirthiga, Professor, NIT, Trichy with a memento. After this Dr.R.Rajendran, Secretary of Kings College of Engineering delivered his presidential address. Dr.J.ArputhaVijaya Selvi, Principal of Kings College of Engineering delivered her Inaugural address. Dr.S.Sivakumar, Vice Principal of Kings College of Engineering delivered his Special address. The symposium souvenir has been released by chief guest and received by HOD/EEE and

other dignitaries. It is followed by the introduction of the chief guest by Mr.M.Mukesh of IV Year EEE. Then chief guest address given by Dr.M.Venkata kirthiga, Professor, NIT, Trichy.

After the refreshment, presentation started at 11:45 am. This session is extended up to 01:15pm. The lunch was arranged and served. After that, Circuit Dilemma, Minds Unfolded, Brain Buster, Paper Wings & Spotify Vibes conducted and Extended up to 3.30 pm.

The valedictory session started with feedback from the participants. The winners for the paper presentation were selected by the juries and awarded with the cash prize. Finally, Vote of thanks was delivered by Mr.C.PraveenKumar of final year EEE. The symposium ENIGMA'23 was successfully ended with the valediction during 3:30 pm 4:00 pm followed by National Anthem.

SNAPSHOT DURING INAUGURAL:

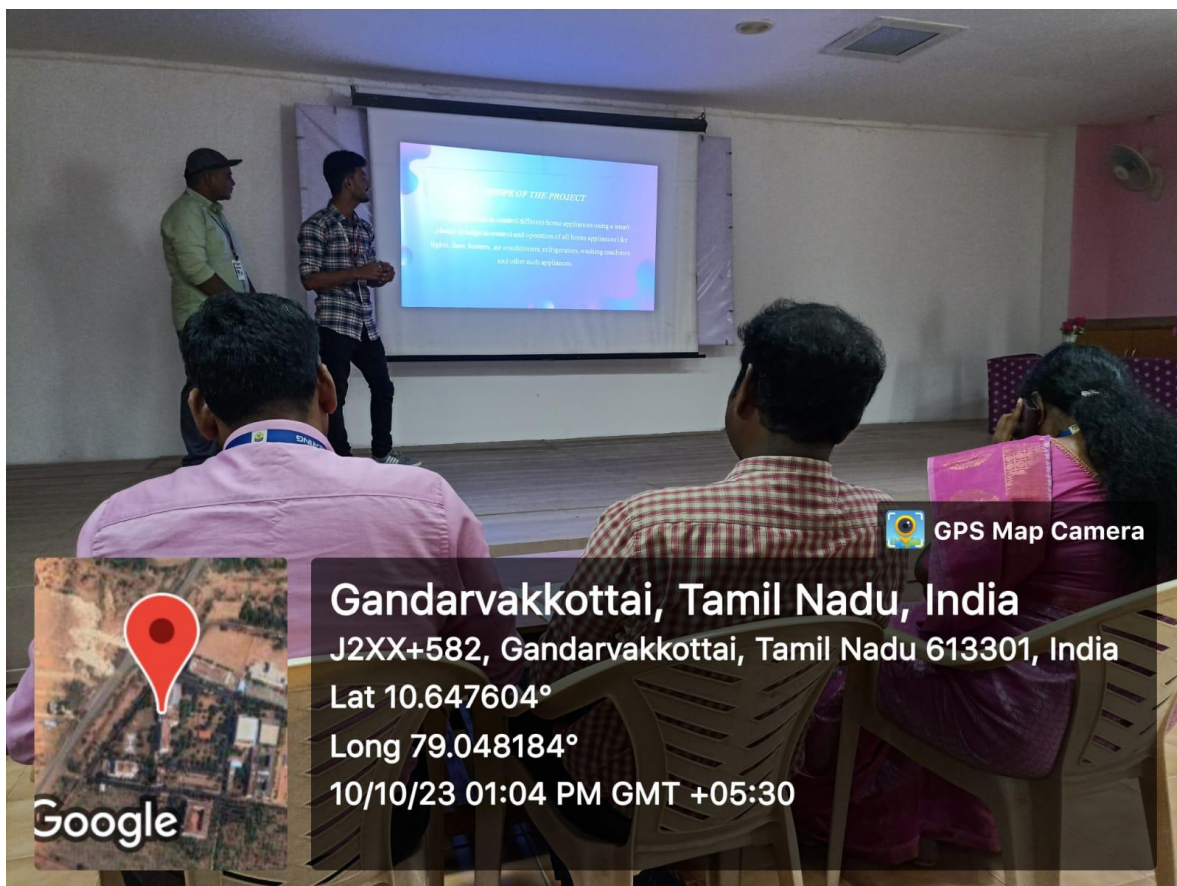






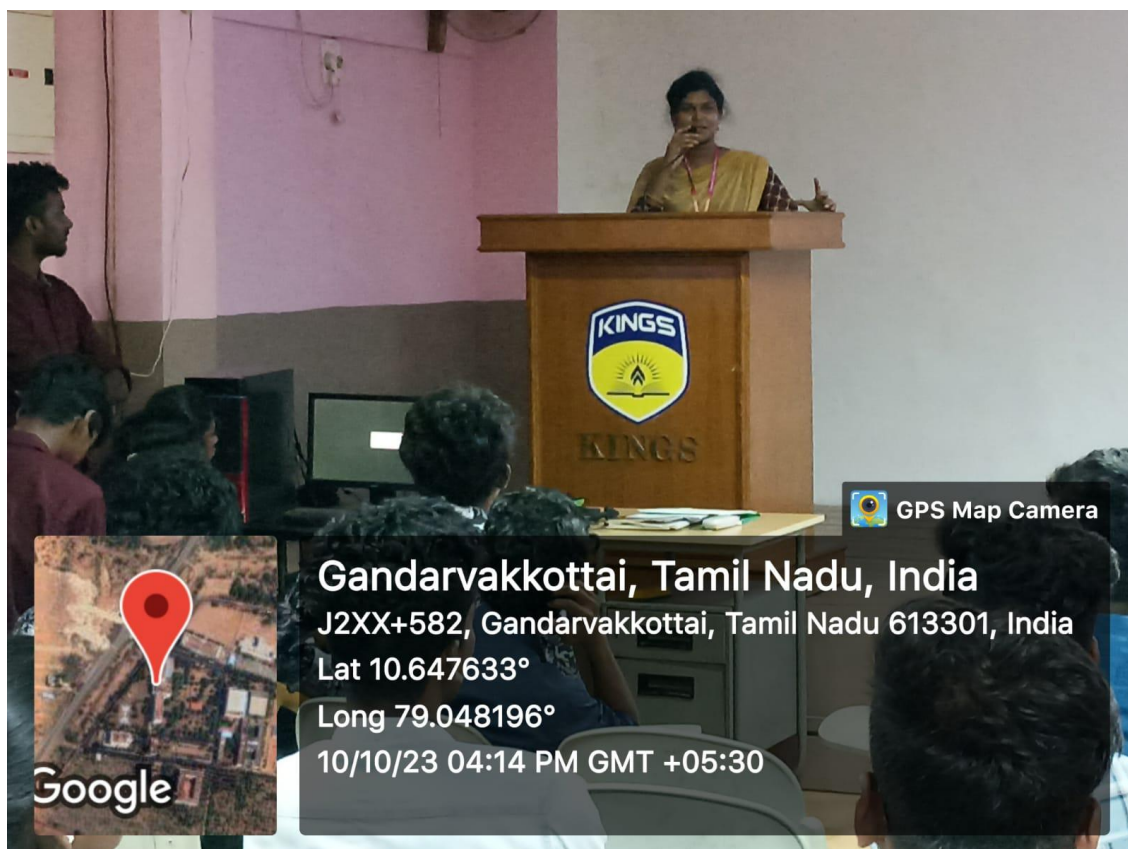


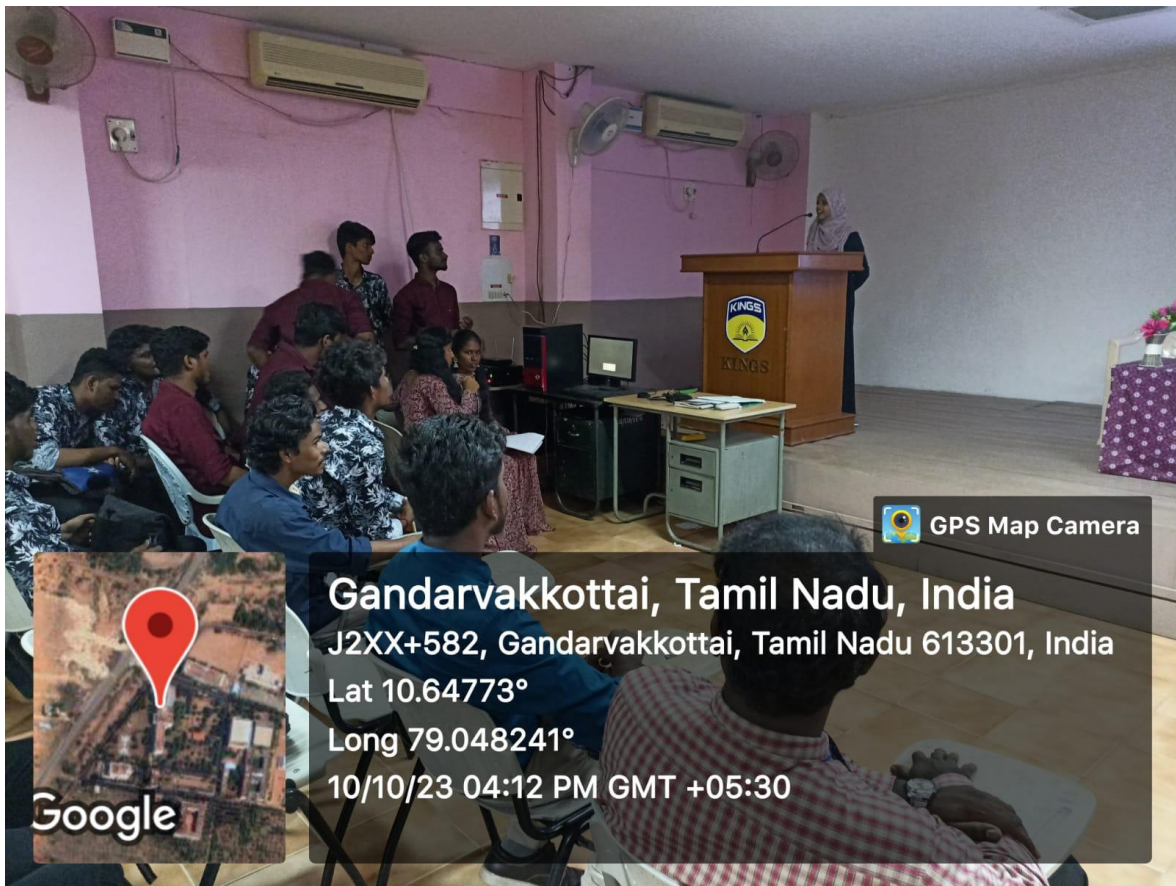
SNAPSHOT DURING PRESENTATION:





SNAPSHOT DURING FEEDBACK SESSION:





SNAPSHOT DURING CERTIFICATE DISTRIBUTION:





ENIGMA'23 WINNER'S

PAPER PRESENTATION WINNERS:

First place – V.Raghavi & E.Arundhathi, GCE, Thanjavur (Rs.1000)

Second place –A.Mohamed Imrankhan & R.Thineshkumar, Chendhuran College of Engineering and Technology (Rs.750)

Third place - Priyaniranjani P & Uma S, Kings College of Engineering (Rs.500)

CIRCUIT DILEMMA WINNERS:

First place – S.Ranjitha & s.sushmitha, K. S. K College of Engineering and Technology

Second place - – V.Raghavi & E.Arundhathi, GCE, Thanjavur

MINDS UNFOLDED WINNERS:

First place - A.Mohamed Imrankhan & R.Thineshkumar, Chendhuran College of Engineering and Technology

Second place- S.Ranjitha & s.sushmitha, K. S. K College of Engineering and Technology

BRAIN BUSTER WINNERS:

First place – S.Dinesh, GCE, Thanjavur

Second place- M.Anandhi, PITS, Thanjavur

PAPER WINGS WINNERS:

First place – S.Ruban, PITS, Thanjavur

Second place - A.Mohamed Imrankhan & R.Thineshkumar, Chendhuran College of Engineering and Technology

SPOTIFY VIBES WINNERS:

First place – A.Devi & M.Arunkumar, Chendhuran College of Engineering and Technology

Second place - S.Ruban, PITS, Thanjavur

FEEDBACK:

SNo	QUESTIONS	EXCELLENT	GOOD	SATISFACTORY
1.	How useful did you this event was for you?	28	12	-
2.	This workshop was well organized?	26	14	-
3.	Hospitality	30	10	-



Sample Feedback Form:

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 Academic Year 2023-2024 / ODD Semester
 "SYMPOSIUM ENIGMA-2K23" - 10.10.2023
Feedback Form

Student Name : A. Mohamed Imran Khan

College Name : Chendhuran College Of Engg & Tech.

1. How useful did you this event was for you?

2. This workshop was well organized?

3. Hospitality

4. Which element of the event did you like the most?

5. Other Comments:

Excellent

Good

Satisfactory

✓

✓
✓

Spotify and Pte

Student Signature

Good

SAMPLE CERTIFICATES:



OUTCOME:

- Expertise and showcased the talents of the students in various technical and non technical events and improving the practical knowledge apart from the theoretical concepts in the course of their study.
- Provides a platform for the students to think independently cum leadership quality and come up with recent technology cum innovations.

CHIEF GUEST PROFILE:



Dr. M. Venkata Kirthiga,
Professor,
Room No. G15, EEE Department,
National Institute of Technology,
Trichy-620 015,
TamilNadu-India.

Qualification

- B.E. - Electrical And Electronics Engineering (Anjalai Ammal Mahalingam College of Engineering, Kovilvenni, Bharathidasan /University, Tiruchirappalli)
- M.Tech. - Power Systems (National Institute of Technology, Tiruchirappalli)
- Ph.D. - Distributed Generation and Micro-grids (National Institute of Technology, Tiruchirappalli)

Publications

- National Conferences : 11
 - International Conferences :21
 - International and National Journals : 17
- <https://scholar.google.co.in/citations?hl=en&user=efjmhflAAAAJ>

Projects supervised

- 70 PG Projects
- 22 UG Projects

Research supervision

- **M.S. (by Research) - Completed**
Stability Constrained Optimal allocation of DGs in Autonomous Micro-grids - Ms. K. Kanimozhi, July 2014 - July 2017
- **M.S. (by Research - sponsored) - Ongoing**
High Voltage Testing - Mr. Vignesh, since July 2019

➤ **Ph.D. (Completed)**

Hybrid Analyzing Techniques for Active Island Detection in Micro-grids - Mr. M. Suman,
July 2014 - February 2019.

➤ **Ph.D. (On going)**

1. Optimal Siting and Sizing of DGs in Non-autonomous Micro-grid - Ms. S. Srividya, since July 2015.
2. Special Electrical Machines - Mr. M. H. Ravichandran, since July 2015.
3. Grid Integration of Wind Energy based DGs - Mr. Ravulakari Kalyan, since July 2016.
4. Power Systems - Mrs. Dwija Desiredy, since January 2018.
5. IoT applications in Smart Grid - Mrs. S. Nethravathi (QIP), since July 2019.
6. Distributed Generation - Mrs. Arya Vijayan since July 2019.

Foreign Visits

Place of visit	Purpose of visit
Bali, Indonesia	IEEE International Conference, TENCON, 21 st – 25 th November, 2011
Singapore	Study tour under the guidance of Dr. Lalit Goel at Nanyang Technological University, from 29 th June – 9 th July 2013
Mauritius	IEEE International Conference AFRICON 13 during 9 th – 12 th September 2013

Reviewer - International Journals

1. Electric Power Components and Systems – Taylor and Francis Journal – since 2012
2. IEEE Transactions on Smart Grids since June 2013.
3. International Journal of Emerging Electric Power Systems since November 2013.
4. International Journal of Energy Conversion and Management – Elsevier since 2013.
5. IEEE Systems Journal - since 2018

Professional Societies Membership

- Fellow Institution of Engineers (FIE) India - Life Membership
- Senior Member - IEEE (Member since last seven years)