

# **IGNITE 2023**



## **WEEKLY NEWSLETTER**

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**Dr. Srinivasan Alavandar**  
**Principal, ACT**

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**Mokeshwar. P, Student - AI&DS**

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## **Agni College of Technology**

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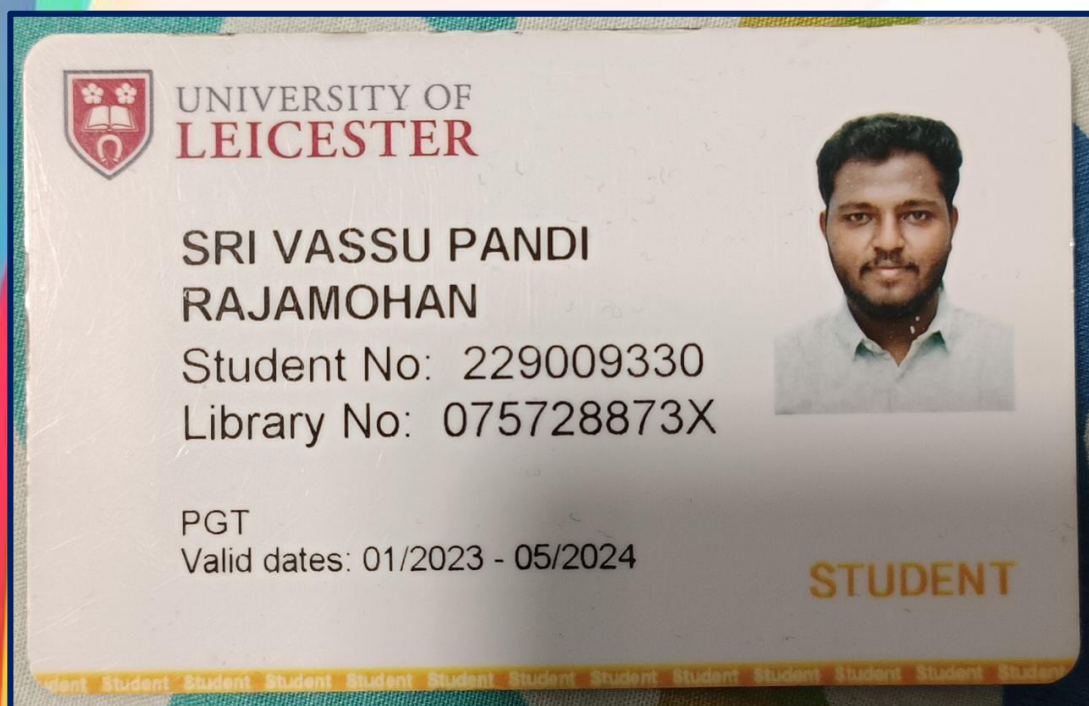
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### OFFICE OF EXAMCELL

| <div><div><b>Agni College of Technology</b><br/><small>Approved by AICTE / UGC, New Delhi, Accredited by NAAC &amp; NBA, Affiliated to Anna University, Chennai.<br/>OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in</small></div><div></div></div> |     |                            |                          |                              |     |                                              |                          |                              |     |              |                                                                  |                              |     |            |                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------|--------------------------|------------------------------|-----|----------------------------------------------|--------------------------|------------------------------|-----|--------------|------------------------------------------------------------------|------------------------------|-----|------------|-------------------------------------------------------------------|
| Office of Examcell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                            |                          |                              |     |                                              |                          |                              |     |              |                                                                  |                              |     |            |                                                                   |
| Academic Calendar for AY2023-2024. ODD Semester III IV Year V-1 WEF:05-07-2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                            |                          |                              |     |                                              |                          |                              |     |              |                                                                  |                              |     |            |                                                                   |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Day | July '23                   | No. of Days Ill, IV Year | Date                         | Day | AUGUST'23                                    | No. of Days Ill, IV Year | Date                         | Day | SEPTEMBER'23 | No. of Days Ill, IV Year                                         | Date                         | Day | OCTOBER'23 | No. of Days Ill, IV Year                                          |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sat | Holiday                    |                          | 1                            | Tue |                                              |                          | 2                            | 1   | Fri          |                                                                  | 27                           | 1   | Sun        | Holiday                                                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sun | Holiday                    |                          | 2                            | Wed |                                              |                          | 3                            | 2   | Sat          | Thursday Timetable                                               | 28                           | 2   | Mon        | Gandhi Jayanthi - Holiday                                         |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Mon |                            |                          | 3                            | Thu |                                              |                          | 4                            | 3   | Sun          | Holiday                                                          |                              | 3   | Tue        |                                                                   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tue |                            |                          | 4                            | Fri |                                              |                          | 5                            | 4   | Mon          |                                                                  | 29                           | 4   | Wed        |                                                                   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Wed |                            |                          | 5                            | Sat | Holiday                                      |                          | 5                            | 5   | Tue          |                                                                  | 30                           | 5   | Thu        |                                                                   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Thu |                            |                          | 6                            | Sun | Holiday                                      |                          | 6                            | 6   | Wed          | Krishna Jayanthi - Holiday                                       |                              | 6   | Fri        |                                                                   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fri |                            |                          | 7                            | Mon |                                              |                          | 6                            | 7   | Thu          |                                                                  | 31                           | 7   | Sat        | Monday Timetable                                                  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sat | Thursday Timetable         |                          | 8                            | Tue |                                              |                          | 7                            | 8   | Fri          |                                                                  | 32                           | 8   | Sun        | Holiday                                                           |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sun | Holiday                    |                          | 9                            | Wed |                                              |                          | 8                            | 9   | Sat          | Friday Timetable                                                 | 33                           | 9   | Mon        | Commencement of IAT 1 exam for III year, IAT2 for IV year         |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mon |                            |                          | 10                           | Thu |                                              |                          | 9                            | 10  | Sun          | Holiday                                                          |                              | 10  | Tue        |                                                                   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tue |                            |                          | 11                           | Fri |                                              |                          | 10                           | 11  | Mon          |                                                                  | 34                           | 11  | Wed        |                                                                   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Wed |                            |                          | 12                           | Sat | Tuesday Timetable                            |                          | 11                           | 12  | Tue          |                                                                  | 35                           | 12  | Thu        |                                                                   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Thu |                            |                          | 13                           | Sun | Holiday                                      |                          | 12                           | 13  | Wed          |                                                                  | 36                           | 13  | Fri        |                                                                   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fri |                            |                          | 14                           | Mon |                                              |                          | 12                           | 14  | Thu          |                                                                  | 37                           | 14  | Sat        | Tuesday Timetable                                                 |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sat | Friday Timetable           |                          | 15                           | Tue | Independence Day - Holiday                   |                          | 15                           | 15  | Fri          |                                                                  | 38                           | 15  | Sun        | Holiday                                                           |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sun | Holiday                    |                          | 16                           | Wed |                                              |                          | 13                           | 16  | Sat          | Holiday                                                          |                              | 16  | Mon        |                                                                   |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mon |                            |                          | 17                           | Thu |                                              |                          | 14                           | 17  | Sun          | Vinayakar Chaturthi - Holiday                                    |                              | 17  | Tue        |                                                                   |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tue |                            |                          | 18                           | Fri |                                              |                          | 15                           | 18  | Mon          |                                                                  | 39                           | 18  | Wed        |                                                                   |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Wed |                            |                          | 19                           | Sat | Wednesday Timetable                          |                          | 16                           | 19  | Tue          |                                                                  | 40                           | 19  | Thu        |                                                                   |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Thu |                            |                          | 20                           | Sun | Holiday                                      |                          | 20                           | 20  | Wed          |                                                                  | 41                           | 20  | Fri        | Coaching Class for III, IV year                                   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fri |                            |                          | 21                           | Mon | 1st Class Committee Meeting for IV year      |                          | 17                           | 21  | Thu          |                                                                  | 42                           | 21  | Sat        | Holiday                                                           |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sat | Monday Timetable           |                          | 22                           | Tue |                                              |                          | 18                           | 22  | Fri          |                                                                  | 43                           | 22  | Sun        | Holiday                                                           |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sun | Holiday                    |                          | 23                           | Wed |                                              |                          | 19                           | 23  | Sat          | Thursday Timetable                                               | 44                           | 23  | Mon        | Ayutha Pooja - Holiday                                            |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mon |                            |                          | 24                           | Thu |                                              |                          | 20                           | 24  | Sun          | Holiday                                                          |                              | 24  | Tue        | Vijaya Dasami - Holiday                                           |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tue |                            |                          | 25                           | Fri |                                              |                          | 21                           | 25  | Mon          | 1st Class Committee Meeting for IV year, 2nd meeting for IV year | 45                           | 25  | Wed        | 2nd Class Committee Meeting for III year, 3rd meeting for IV year |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Wed |                            |                          | 26                           | Sat | Friday Timetable - Compensation for 29.09.23 |                          | 22                           | 26  | Tue          |                                                                  | 46                           | 26  | Thu        |                                                                   |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Thu |                            |                          | 27                           | Sun | Holiday                                      |                          | 27                           | 27  | Wed          |                                                                  | 47                           | 27  | Fri        |                                                                   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fri |                            |                          | 28                           | Mon | Commencement of IAT1 exam for IV year        |                          | 23                           | 28  | Thu          | Milad-un-nabi - Holiday (Hostel Closed)                          |                              | 28  | Sat        | Monday Timetable - Compensation for 13.11.23                      |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sat | Muharram - Holiday         |                          | 29                           | Tue |                                              |                          | 24                           | 29  | Fri          | Holiday                                                          |                              | 29  | Sun        | Holiday                                                           |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sun | Holiday                    |                          | 30                           | Wed |                                              |                          | 25                           | 30  | Sat          | Holiday                                                          |                              | 30  | Mon        | Coaching Class for III, IV year                                   |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mon | Reopening for III, IV year | 1                        | 31                           | Thu |                                              |                          | 26                           |     |              |                                                                  | 31                           | Tue |            |                                                                   |
| No of Working Days: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                            |                          | No of Working Days: 25       |     |                                              |                          | No of Working Days: 21       |     |              |                                                                  | No of Working Days: 22       |     |            |                                                                   |
| Cum. Working Days: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                            |                          | Cum. Working Days: 26        |     |                                              |                          | Cum. Working Days: 47        |     |              |                                                                  | Cum. Working Days: 69        |     |            |                                                                   |
| No of Saturdays leave: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                            |                          | No of Saturdays leave: 1     |     |                                              |                          | No of Saturdays leave: 2     |     |              |                                                                  | No of Saturdays leave: 1     |     |            |                                                                   |
| No of Government Holidays: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                            |                          | No of Government Holidays: 1 |     |                                              |                          | No of Government Holidays: 3 |     |              |                                                                  | No of Government Holidays: 3 |     |            |                                                                   |
| <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                            |                          |                              |     |                                              |                          |                              |     |              |                                                                  |                              |     |            |                                                                   |

## STUDENT ACHIEVEMENT



**Sri Vassu Pandi Rajamohan**, student, Department of Electronics and Communication Engineering(Batch 2018-2021 ) got selected in **University of Leicester** for higher studies.

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STUDENT ACHIEVEMENT



Sanjeev Kumar, III Year Student, Department of Mechatronics Engineering has completed a course on Solidworks 2017-23: Become a Certified Associate Today - CSWA and received a certificate of completion from Udemy on 1.07.2023.

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FACULTY ACHIEVEMENT



**Dr. Ishwarya M. V, Head, Department of Artificial Intelligence and Data Science** has successfully completed and received a passing grade in mentoring in **Professional Readiness for Innovation, Employability and Entrepreneurship program on Emerging technology** (Artificial Intelligence, Applied Data Science, Data Analytics, Internet of Things, Cloud App development) conducted by IBM on 28<sup>th</sup> June 2023.

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FACULTY ACHIEVEMENT

**PATENT OFFICE**  
**INTELLECTUAL PROPERTY BUILDING**  
 G.S.T. Road, Guindy, Chennai-600032  
 Tel No. (091)(044) 22502081-84 Fax No. 044 22502066  
 E-mail : Chennai-patent@nic.in  
 Web Site : www.ipindia.gov.in

  
 सत्यमेव जयते  
**GOVERNMENT OF INDIA**

  
**INTELLECTUAL PROPERTY INDIA**  
 PATENTS | DESIGNS | TRADE MARKS  
 GEOGRAPHICAL INDICATIONS

Docket Number:66432 Date/Time : 05/07/2023  
Agent Number:

To,  
 DR. ISHWARYA M.V.  
 ASSOCIATE PROFESSOR, HEAD, ARTIFICIAL INTELLIGENCE AND DATA SCIENCE DEPARTMENT, AGNI COLLEGE OF TECHNOLOGY, OMR, NAVALLUR, THALLAMBUR, CHENNAI - 600130. aidshod@act.edu.in

| Sr No.         | CBR No. | Reference Number /Application Type | Application Number | Title/Remarks                                                                            | Amount Paid |
|----------------|---------|------------------------------------|--------------------|------------------------------------------------------------------------------------------|-------------|
| 1              | 30021   | ORDINARY APPLICATION               | 202341044968       | MODEL-BASED FRAMEWORK FOR DEPENDABLE EEG SENSING AND ACTUATION IN SMART BRAIN IoT SYSTEM | 1750        |
| 2              |         | E-2/3186/2023-CHE                  | 202341044968       | Form2                                                                                    | 0           |
| 3              | 30021   | E-12/6091/2023-CHE                 | 202341044968       | Form9                                                                                    | 2750        |
| <b>Total :</b> |         |                                    |                    |                                                                                          | <b>4500</b> |

**Dr. Ishwarya M. V, Head, Department of Artificial Intelligence and Data Science has successfully received a Patent Model-based Framework for Dependable EEG Sensing And Actuation In Smart Brain IoT System on 5th July 2023**

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### FACULTY PARTICIPATION



**Dr. N.V.S Sree Rathana Lakshmi, Professor & Head, and Mr. S. Ohmshankar, Assistant professor, Department of Electronics and Communication Engineering have attended a five days FDP on “AI & Deep Learning Approaches for Image Processing and its Applications” from 19.06.23 to 24.06.23 in Paavai Engineering College.**

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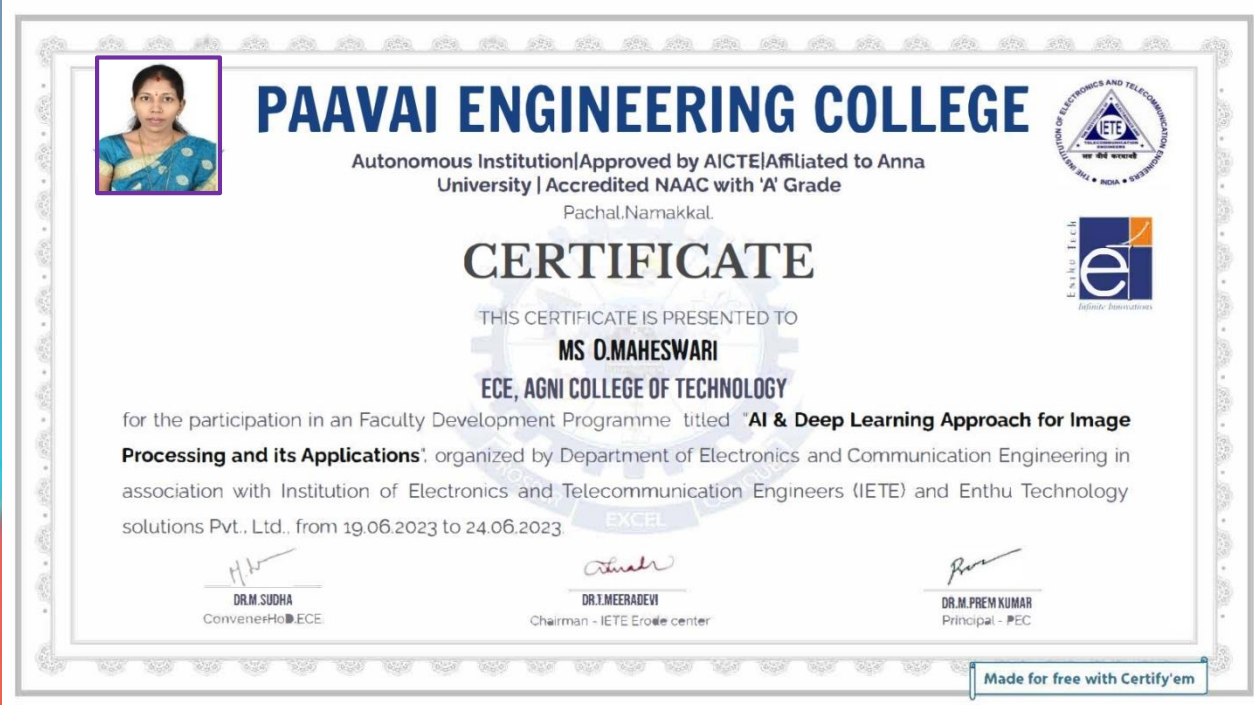


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FACULTY PARTICIPATION



**Ms. D. Maheswari**, Assistant professor, Department of Electronics and Communication Engineering has attended a five days FDP on “AI & Deep Learning Approaches for Image Processing and its Applications” from 19.06.23 to 24.06.23 in Paavai Engineering College.

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## FACULTY PARTICIPATION



**Mr. S. Ohmshankar and Ms. D. Maheswari** Assistant professors, Department of Electronics and Communication Engineering, have participated in the “**NPTEL E – Awareness workshop**” on 27.06.23

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## FACULTY PARTICIPATION



Dr. Ishwarya M. V, Head, Department of Artificial Intelligence and Data Science has Participated in 5 Day **Faculty Development Program on Robotic Process Automation Associate (UiPath)** conducted by ICT Academy on 19<sup>th</sup> to 23<sup>rd</sup> June 2023 at Agni College of Technology.

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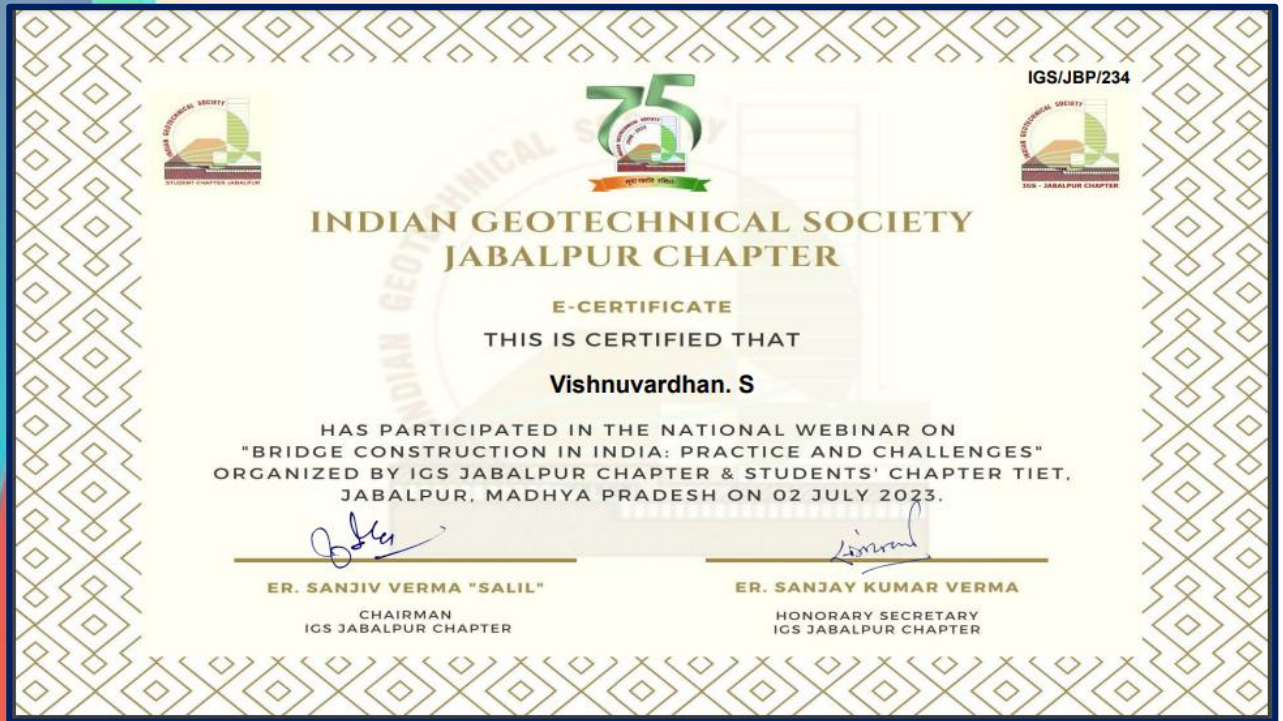
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## FACULTY PARTICIPATION



**Mr. Vishnuvardhan.S, Assistant Professor, Department of Civil Engineering** has participated in **Webinar on “Bridge Construction in India : Practice and Challenges”** conducted by IGS Jabalpur Chapter & Students Chapter TIET on 02<sup>nd</sup> July 2023.

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## FACULTY PARTICIPATION



**MANGALAM**  
COLLEGE OF ENGINEERING

Ettumanoor, Kottayam, 0481-2710120, mangalam.edu.in

- Affiliated to KTU
- Approved by AICTE
- Accredited by NAAC



### DEPARTMENT OF CIVIL ENGINEERING

#### "TECHNOLOGICAL ADVANCEMENTS IN CIVIL ENGINEERING"

June (19-23), 2023

#### Certificate of Participation

This certificate is awarded to

**Mr. Vishnuvardhan S**

Assistant professor

Agni College of Technology.

for the participation in the five days  
Faculty Development Program.

**Dr. Asha P Tom,**  
Organizing Secretary,  
Department of Civil  
Engineering, MLMCE

**Dr. D. Ramesh kumar,**  
HOD, Department of Civil  
Engineering, MLMCE

**Dr. Vinodh P Vijayan**  
Principal,  
MLMCE

**Mr. Vishnuvardhan.S**, Assistant Professor, Department of Civil Engineering has participated in five days **Faculty Development program** on **"Technological Advancements In Civil Engineering"** conducted by Mangalam College of Engineering on 19th June 2023 to 23rd June 2023.

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## STUDENT PARTICIPATION



**Vignesh. S, Karunya RK and Subratha A (ECE), first year students, Department of Science and Humanities have participated in poster presentation in 14th National level Technical Symposium SIT-SCIHUM - 23 held on 30th June 2023 at Sri Sairam Institute of Technology, Chennai.**

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## STUDENT PARTICIPATION



**M Manoj (ECE)** ,first Year student, Department of Science and Humanities as presented a **Seminar on Basics electronics of components** on 03.07.2023 under the guidance subject in charge T. Feridinand, Assistant professor, Department of EEE.

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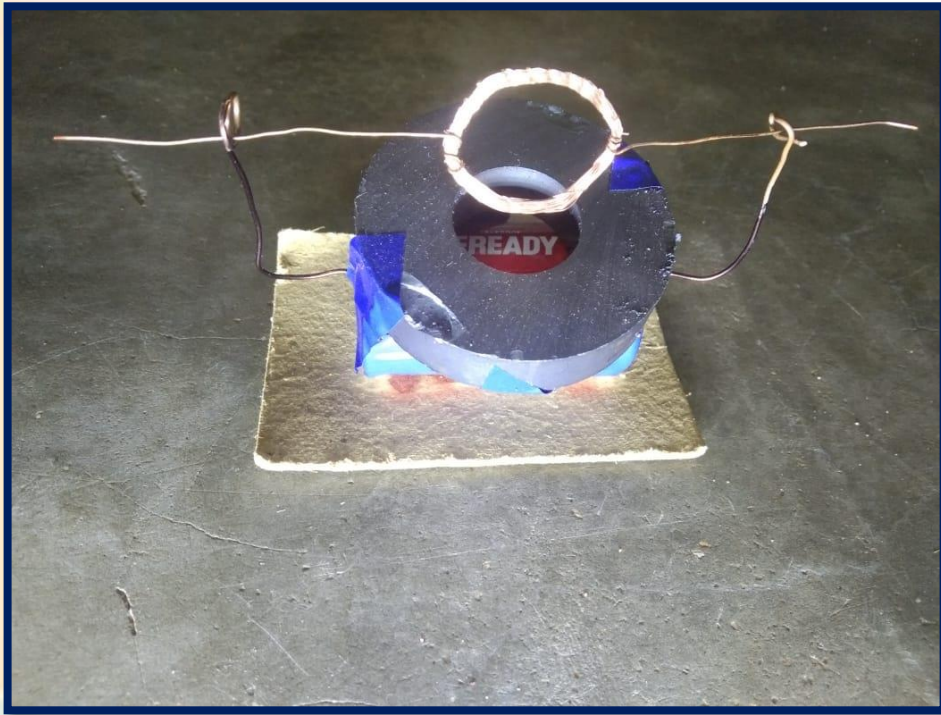
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### STUDENT PARTICIPATION



#### A creative project is a moving target

**M Chinna Babu (ECE)** ,first Year student, Department of Science and Humanities as presented a **Seminar on Principle of DC generator** on 03.07.2023 under the guidance subject in charge **T. Feridinand**, Assistant professor, Department of EEE.

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## STUDENT PARTICIPATION



**V. Asha** ,first year student, Department of Science and Humanities has attended the **One day Workshop on Artificial Intelligence** on 25.06.2023 conducted by Top Engineers – India at IIT Madras Research Park, Chennai

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## FACULTY ACHIEVEMENT

### Surfaces and Interfaces

Available online 21 June 2023, 103069

In Press, Journal Pre-proof

### Electromagnetic Wave Absorption Mechanism for Nanocomposites of Holmium Orthoferrite Decorated Poly(3,4-Ethylenedioxythiophene -5- Cyanoindole)

Wei Sai<sup>1</sup>, Mohamad Reda A. Refaai<sup>2</sup>,  
Ali Hassan<sup>3</sup>  , Achmad Jusuf Zulfikar<sup>4</sup>,  
S. Lakshmana Kumar, Arul Kulandaivel,  
Ibrahim Elbadawy<sup>7</sup>, Mohamed Abouelela<sup>7</sup>

**Dr. Arul Kulandaivel, HOD, Department of Science and Humanities** has published a research paper, **Electromagnetic wave absorption Mechanism for Nanocomposites of Holmium Orthoferrite Decorated Poly (3,4-Ethylenedioxythiophene -5- Cyanoindole)** in **Surfaces and Interfaces** with **Impact factor 6.137** in **Annexure – 1, SCI journal and Elsevier Publications.**

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## STUDENT ACTIVITY



**Learning is the product of activity of learners**

**Dr. Arul Kulandaivel, HOD, Department of Science and Humanities** has conducted the student activity on the topic **Engineering Graphics** for section – H (ECE), I year students on 07<sup>th</sup> July 2023.

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## STUDENT ACTIVITY



### Learning is creation , not consumption

**Dr. P. Balakrishnan**, Assistant Professor, Department of Science and Humanities (Physics) has conducted the student activity on the topic **Crystallography** for section – C (MHT), I year students on 24<sup>th</sup> June 2023.

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## STUDENT ACTIVITY



Mrs .Rajitha Radhakrishnan, Assistant Professor, Department of Science and Humanities has conducted student activity on the topic of "**Pottery in Sangam Age**" for Section – E , I year students on 06.07.2023.

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## STUDENT CORNER



**Rajeswari V**, Second year student, Department of Electronics & Communication Engineering has portrayed a beautiful art.

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