



M.I.E.T. ENGINEERING COLLEGE (AUTONOMOUS)



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH)

Accredited with 'A+' grade by NAAC

(An ISO 9001:2015 Certified Institution)

(Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956)


TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge.

INDEX

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PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

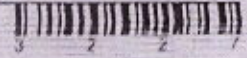


CENTRE FOR RESEARCH
ANNA UNIVERSITY
CHENNAI - 600 025



Dr. C.UMARANI
DIRECTOR

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Date : 12.08.2024

Lr.No: 3811/RIR/AR2/2024

To
The Principal
M I E T Engineering College,
Gundur,
Tiruchirappalli 620007

Sir/Madam,

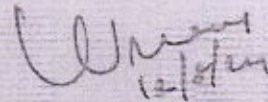
Sub : Anna University - Research Institute Recognition - Approval Orders - Issued.
Ref: 1. Your Application No.: **16IR2852**
2. VC Note Approval Dated: 18.07.2024

I am by direction to inform that your College/Institution (ref-1) is approved as **Institute Level Research Centre** (ref-2) for a period of **three years** upto **June 2027**. The faculty members of your College/Institution can interact with Anna University for collaborative research for the purpose of pursuing Ph.D. / M.S. (By Research) programme.

The recognized supervisors working in your College/Institution may be permitted to guide the candidates to carry out Ph.D. / M.S. (By Research) programme relevant to their field of specialization. Please refer to Ph.D. & M.S. (By Research) Regulations for additional information.

In all future correspondence quote "4381100" for reference.

Renewal must be initiated at least **3 months** before the expiry of the current term and granting of extension will be based on your College/Institution meeting of the norms of the Research Institute Recognition at the time of application.


12/08/24
DIRECTOR

12/18/24

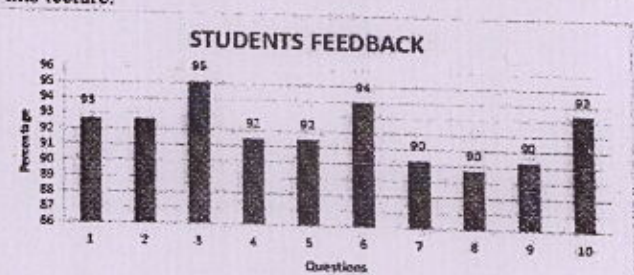
12/18/24


PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

Report on the Event

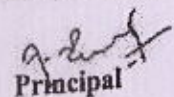
Department of Electronics and Communication Engineering

S.No	Description	Comments																												
1	Type of Event	Students Association Inauguration & National Seminar																												
2	Title of the Event	ELITO STEM - 23 & Sensor Design and Fabrication.																												
3	Date & Day of the Event	03.08.2023 (Thursday)																												
4	Venue	Time: 10.00 a. m																												
5	Name of the resource person(s)	Training & Placement - Seminar Hall																												
6	Details of resource person(s)	Dr. Shiraz Sohail Assistant Professor, Department of Instrumentation and Control Engineering, NIT, Trichy.																												
7	No. of participants	71																												
8	Event Co-Ordinator(s)	Mr. N. Dharmaraj, AP/ECE																												
9	Objective(s) of the Event	<ul style="list-style-type: none"> To encourage a research-oriented culture in aspiring engineers to aid in the country's advancement. To support the development of engineering generally and its uses. The organization and its members may share and update their engineering and technology skills via technical activities. Fostering and encouraging a rising commitment among engineers and technologists to the social goals of the profession. 																												
10	Topic(s) Covered	Converters, Sensors, Integrators.																												
11	Feedback given by participants	<p>Students are satisfied about the lecture content delivered by the resource person was clear and easy to understand. Students are also satisfied about their expectation met from this lecture.</p> <div style="text-align: center;">  <p>STUDENTS FEEDBACK</p> <table border="1"> <thead> <tr> <th>Questions</th> <th>Percent to get</th> </tr> </thead> <tbody> <tr><td>1</td><td>93</td></tr> <tr><td>2</td><td>92</td></tr> <tr><td>3</td><td>95</td></tr> <tr><td>4</td><td>91</td></tr> <tr><td>5</td><td>92</td></tr> <tr><td>6</td><td>94</td></tr> <tr><td>7</td><td>90</td></tr> <tr><td>8</td><td>89</td></tr> <tr><td>9</td><td>90</td></tr> <tr><td>10</td><td>92</td></tr> </tbody> </table> </div> <p>Q1. The lecture content met your expectation Q2. The program exposed you to new knowledge and practices Q3. The lecture was clear and easy to understand Q4. The resource person encouraged interaction and was helpful Q5. How much interesting this session was for you? Q6. What is your opinion about the resource person? Q7. How relevant was the content discussed by the speaker? Q8. How was your preparation about the topic before the guest lecture? Q9. Overall effectiveness of the lecture Q10. The program is also helpful to gain knowledge beyond the curriculum and syllabus</p>	Questions	Percent to get	1	93	2	92	3	95	4	91	5	92	6	94	7	90	8	89	9	90	10	92						
Questions	Percent to get																													
1	93																													
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10	92																													
12	Abstract of faculty feedback	The session is very helpful and informative. The concepts of Sensors, converters, integrators and performance analysis are clearly explained. The future scope in research areas where also covered in the session.																												
13	Feedback by HoD	The titled explained was very useful and subjective for the students involving their studies in sensor and fabrication.																												
14	Outcome(s) of this Event	Through this Inauguration, The students gained more information about sensor. The students also learnt about how to establish their technical knowledge in the field of Sensor and Fabrication																												
15	PO & PSO Mapping:	<table border="1"> <thead> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> <th>PO6</th> <th>PO7</th> <th>PO8</th> <th>PO9</th> <th>PO10</th> <th>PO11</th> <th>PO12</th> <th>PSO1</th> <th>PSO2</th> </tr> </thead> <tbody> <tr> <td>H</td> <td>H</td> <td>H</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>H</td> <td>-</td> <td>-</td> <td>H</td> <td>M</td> <td>M</td> </tr> </tbody> </table> <p>L-Low, M-Medium, H-High</p>	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	H	H	H	-	-	-	-	-	H	-	-	H	M	M
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2																	
H	H	H	-	-	-	-	-	H	-	-	H	M	M																	

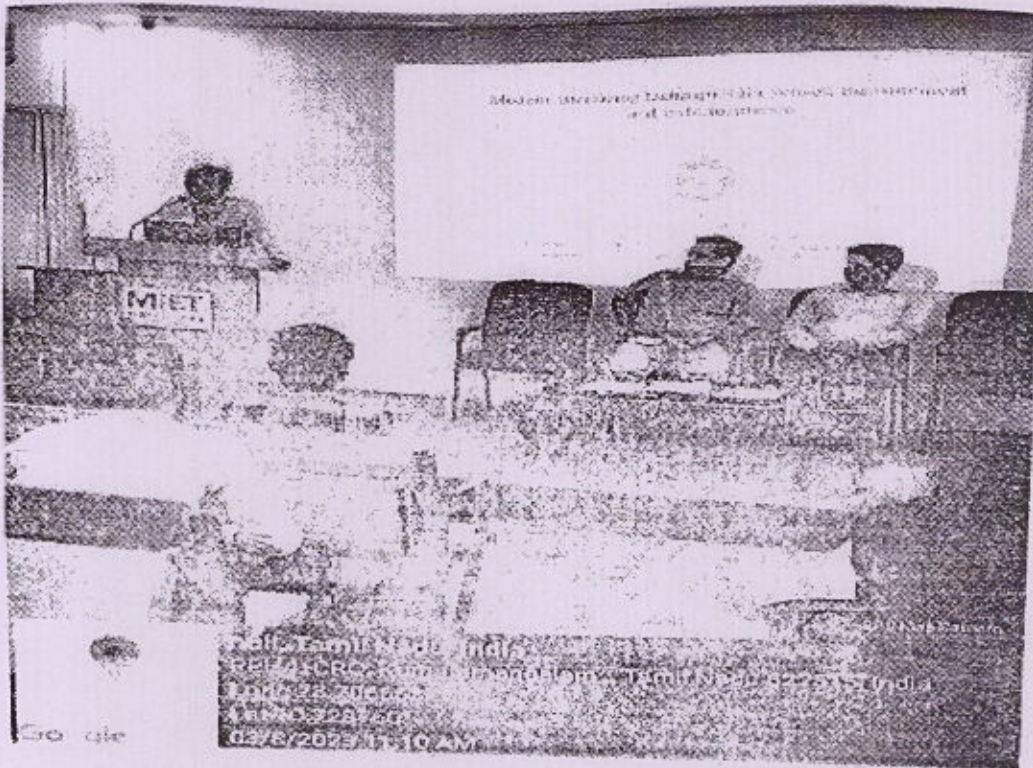

Event coordinator


HoD


PRINCIPAL


Principal

Geo Tagged Photos :(minimum four photos with caption)



Welcome address by Dr. S. Saju HoD/ECE



Presidential address delivered by Dr. A. Naveen Sait, Principal

A. Naveen Sait
PRINCIPAL
M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

ELITO STEM – 23 Students Association Inauguration and National Seminar

Topic: "Sensor and Design Fabrication"

Date: 03.08.2023

Venue: Training and Placement Seminar Hall

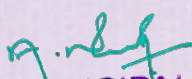
Target Audience: III & IV year ECE students

Resource person :	Dr. Shiraz Sohail Assistant Professor, Department of Instrumentation and Control Engineering, NIT, Trichy.
Objective of Program :	<ul style="list-style-type: none">• To encourage a research-oriented culture in aspiring engineers to aid in the country's advancement.• To support the development of engineering generally and its uses.• The organization and its members may share and update their engineering and technology skills via technical activities,• Fostering and encouraging a rising commitment among engineers and technologists to the social goals of the profession.
Topics Covered :	Converters, Sensors, Integrators.
Outcomes :	Through this Inauguration, The students gained more information about sensor. The students also learnt about how to establish their technical knowledge in the field of Sensor and Design Fabrication.

PO & PSO Mapping:

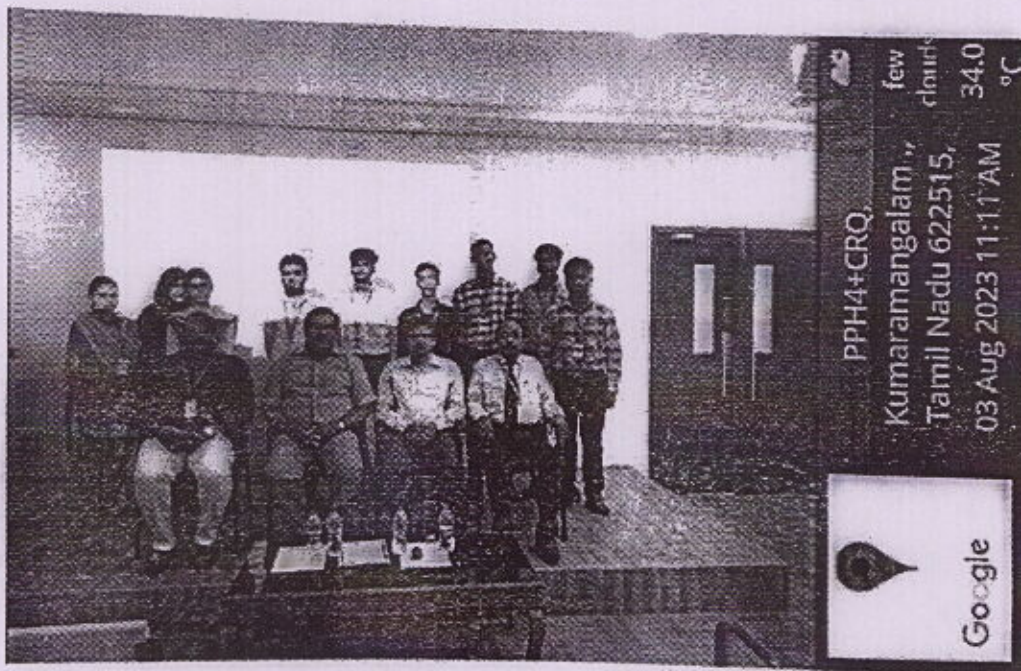
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
H	H	H	-	-	-	-	-	H	-	-	H	M	M

L-Low, M-Medium, H-High


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One day National Seminar by Dr. Shiraz Sohail, Assistant Professor,
 Department of Instrumentation and Control Engineering, NIT, Trichy.



Student Association 'ELITO STEM - 23' Office bearers with dignitaries.

N. J. D.
 Event Co-ordinator

(Signature)
 HoB

(Signature)
 Principa

(Signature)
PRINCIPAL
 M.I.E.T. ENGINEERING COLLEGE
 GUNDUR, TIRUCHIRAPALLI - 620 007.



ORIGINAL
क्रम सं/ Serial No.: 182593



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. 428191-001

तारीख / Date 26/08/2024

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **CONCRETE BRIDGE HEALTH ANALYSIS DEVICE** से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Mr. E. Santhosh Kumar 2. Dr K. Pandi 3.Dr. S. Joe Patrick Gnanaraj 4.Dr. V. Vivekanandhan 5.Ms. S. Nathina Thamarai Selvi के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-05 in respect of the application of such design to **CONCRETE BRIDGE HEALTH ANALYSIS DEVICE** in the name of 1.Mr. E. Santhosh Kumar 2. Dr K. Pandi 3.Dr. S. Joe Patrick Gnanaraj 4.Dr. V. Vivekanandhan 5.Ms. S. Nathina Thamarai Selvi.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अधधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि / Date of Issue 15/10/2024



उत्तम की अक्षि

महानिर्देशक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्व-अधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार अधिनियम एवं नियम के निर्बंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

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GUNDUR, TIRUCHIRAPALLI - 620 007.



INTELLECTUAL PROPERTY INDIA
MINISTRY OF TRADE AND INDUSTRIAL DEVELOPMENT
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

ORIGINAL

क्रम सं. Serial No. - 171235



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र

Certificate of Registration of Design

डिजाइन सं. / Design No.

413023-001

तारीख / Date

09/04/2024

प्रारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **WATER DISTILLATION APPARATUS** से संबंधित है, का पंजीकरण, श्रेणी 23-99 में 1.Dr. K. Pandi 2. Dr. V. Vivekanandhan 3.Dr. S. Joe Patrick Gnanaraj 4.Dr. M. Angelina Thanga Ajisha के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-99 in respect of the application of such design to **WATER DISTILLATION APPARATUS** in the name of 1.Dr. K. Pandi 2. Dr. V. Vivekanandhan 3.Dr. S. Joe Patrick Gnanaraj 4.Dr. M. Angelina Thanga Ajisha,

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अधीन प्राप्तियों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि

29/05/2024



इन्दरजी लाल सिंह

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*प्रारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वतन्त्रिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की आंतरिक अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र को उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं ही सकता है।

The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

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GUNDUR, TIRUCHIRAPALLI - 620 007.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341068642 A

(19) INDIA

(22) Date of filing of Application :12/10/2023

(43) Publication Date : 27/10/2023

(54) Title of the invention : SMART AUTOMATED MECHANISM TO ACCESS WELL WATER FOR HUMANS & IRRIGATION PURPOSE

(51) International classification :G06Q0010040000, C02F0001440000, A01G0025000000, C02F0003120000, H04W0072040000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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3)C S MURALI
4)S NANDHINI
5)J JOSHUA SAKUNTH
6)B SUDHA PRIYA
7)K VETRI AADITHIYA
8)T NANDAKUMAR
9)SANTHOSH KUMAR E
10)KALAISELVI NIVEDHA J

Name of Applicant : NA
Address of Applicant : NA

(72)Name of Inventor :

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8)T NANDAKUMAR
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9)SANTHOSH KUMAR E
Address of Applicant :Assistant Professor, Department of Civil Engineering, M.I.E.T. Engineering College Trichy - Pudakkottai Road, Gundur, Tiruchirapalli-620 007 -----

10)KALAISELVI NIVEDHA J
Address of Applicant :Assistant Professor, Department of Civil Engineering, P.A College of Engineering and Technology Street Palladam Road, Pollachi, Coimbatore-642 002. -----

(57) Abstract :

Abstract Groundwater wells are strategically located components of the water treatment plant system. They are important to satisfy the demand for drinking water that differs considerably during 5 the day. It is therefore essential that the operation of the wells and therefore the supply is maintained at all times. Preventive maintenance and the use of remote-control technologies are indispensable here. In addition, the goal is to provide a method for determining the irrigation water demand of the crop and an automatic system for starting and extracting the pipe wells, thus saving much needed irrigation water and increasing the service life of the 10 wellness order to fulfill these various specifications, a modern automation system with a safe connection to the control center is required.

No. of Pages : 18 No. of Claims : 7



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6368709

Grant date: 07 June 2024

Registration date: 28 May 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Singathala Lakshmi Prathapa Reddy, Dr. Ravindran Sornalatha, Varun

Dnyaneshwar Kulkarni, Dr. Kusuma Rajasekhar, Dr. Anbarasu Muthu Manickam,

Rohini Jothiloganathan, Ms. Rajashree Bhokare, Intekhab Hussain, Sukhesh

Kothari, Bhuvanapriyan Shanmugasundaram

in respect of the application of such design to:

WIRELESS NETWORKING DEVICE FOR CONTROLLING HOME

APPLIANCES

International Design Classification:

Version: 14-2023

Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING
EQUIPMENT

Subclass: 03 TELECOMMUNICATIONS EQUIPMENT, WIRELESS REMOTE
CONTROLS AND RADIO AMPLIFIERS

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.

Intellectual Property Office is an operating name of the Patent Office

www.gov.uk/ipco

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GUNDUR, TIRUCHIRAPALLI - 620 007**