

IGNITE 2024



A WEEKLY NEWSLETTER

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FACULTY ACHIEVEMENT



Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science published a research paper titled “AUTHENTICATION BASED REMOTE SYSTEM FOR THE INTERACTION OF RESERVATION SCHEME OF CLOUD WITH IoT NETWORKS” in the journal “WIRELESS PERSONAL COMMUNICATIONS” which was indexed by Taylor & Francis (SCI) on 11th June 2024.

FACULTY ACHIEVEMENT

Conferences > 2024 10th International Confe... ?

5G-Enabled V2X Communication with Cloud-Powered XGBoost Algorithm for Electric Transportation

Publisher: IEEE [Cite This](#) [PDF](#)

J Gnana Jeslin ; M Sujatha ; S. Aghalya ; C. Jehan ; M.V Ishwarya ; P Veda Sundara Vinayag... [All Authors](#)

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Abstract

Abstract:

The opportunity for electric transportation system optimization has increased with the combination of cloud-based machine learning algorithms and Vehicle-to-Everything (V2X) connectivity. To improve the effectiveness and longevity of electric vehicle (EV) networks, it provides a new architecture for V2X communication enabled by 5G and an XGBoost algorithm driven by cloud-based machine learning algorithms.

[Document](#)
[Sections](#)

[1. Introduction](#)



Dr. ISHWARYA M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science has published a paper titled "5G-ENABLED V2X COMMUNICATION WITH CLOUD-POWERED XGBOOST ALGORITHM FOR ELECTRIC TRANSPORTATION" in the IEEE International Conference on Communications and Signal Processing on 11th June 2024. Indexed by Scopus.

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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.pindia.gov.in



Date/Time : 12/06/2024
Agent Number:

Docket Number:79909

To,
Dr.ISHWARYA.M.V
ASSOCIATE PROFESSOR AND HEAD OF
DEPARTMENT, DEPARTMENT OF ARTIFICIAL
INTELLIGENCE AND DATA SCIENCE, AGNI
COLLEGE OF TECHNOLOGY, OLD
MAHABALIPURAM ROAD, NAVALLUR,
THALLAMBUR, CHENNAI-600130.
aidshod@act.edu.in 9789827194



Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks
1	38817	ORDINARY APPLICATION	202441045297	REAL-TIME CLOUD-DRIVEN MACHINE LEARNING FOR DYNAMIC ICU VENTILATOR MANAGEMEN

Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science filed a patent on “REAL TIME CLOUD DRIVEN MACHINE LEARNING FOR DYNAMIC ICU VENTILATION MANAGEMENT” on 11th June 2024.

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Conferences > 2024 10th International Confe... ?

Predicting Hand Injury Severity Using Bayesian Networks in Cloud-Based Emergency Medicine

Publisher: IEEE [Cite This](#) [PDF](#)

S Yuvaraj ; K. Thinakaran ; S Porandla Srinivas ; S. Sivakumar ; M.V Ishwarya ; P. Thirumara... [All Authors](#)

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Abstract

Document

Sections

1. Introduction

Abstract:

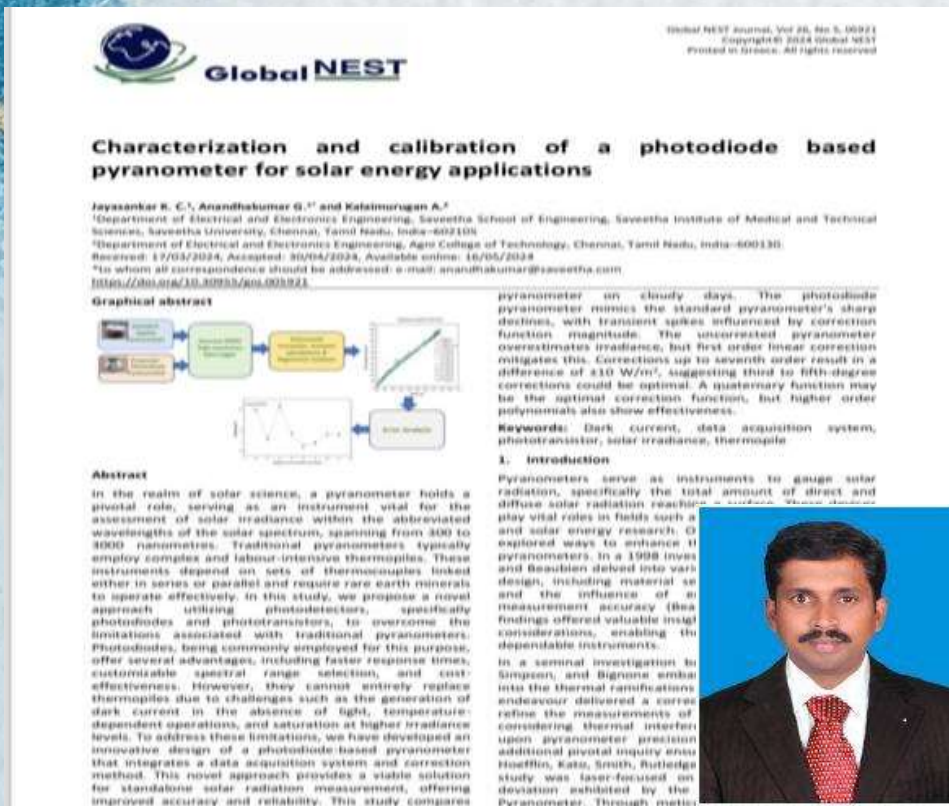
Predicting the severity of hand injuries in emergency care is the fo... which suggests using cloud-based Bayesian networks. It is crucial... severity prediction in order to treat emergency hand injuries promp... prevalent. By using the scalability and flexibility of cloud computing... constructs a Bayesian severity assessment network with patient d...



Dr. ISHWARYA M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science has published a paper titled "PREDICTING HAND INJURY SEVERITY USING BAYESIAN NETWORKS IN CLOUD-BASED EMERGENCY MEDICINE" in the IEEE International Conference on Communications and Signal Processing on 11th June, 2024. Indexed by Scopus.

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Dr.Kalaimurugan A , Professor - Department of Electrical and Electronics Engineering has successfully published a paper titled “ Characterisation and calibration of a photodiode based pyranometer for solar energy applications “ in Global NEST Journal dated 16.05.2024.

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SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to
Remya O C
 for successfully completing the 4 credit course
Academic Writing
 with a consolidated score of 83%
 from the evaluation based on continuous online assessments and the proctored
 examination held in month of May 2024.




Roll No. : TN03057070

This course was offered by Dr. Ajay Semalty of HNB Garhwal University

Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	30	70	53	100	83



J. B. Nudda
National Coordinator
Consortium for Educational Communication (CEC),
New Delhi



CEC



Prof. Anil Kumar Nautiyal
Controller of Examination
H.N.B. Garhwal University, Garhwal

Issued On: 25/06/2024

To validate and check scores: <https://swayam.gov.in>

Mrs. Remya O. C., AP, Department of Electrical and Electronics Engineering has successfully completed the 4 credit 15 weeks course by NPTEL titled “Academic Writing” with a consolidated score of 83%.

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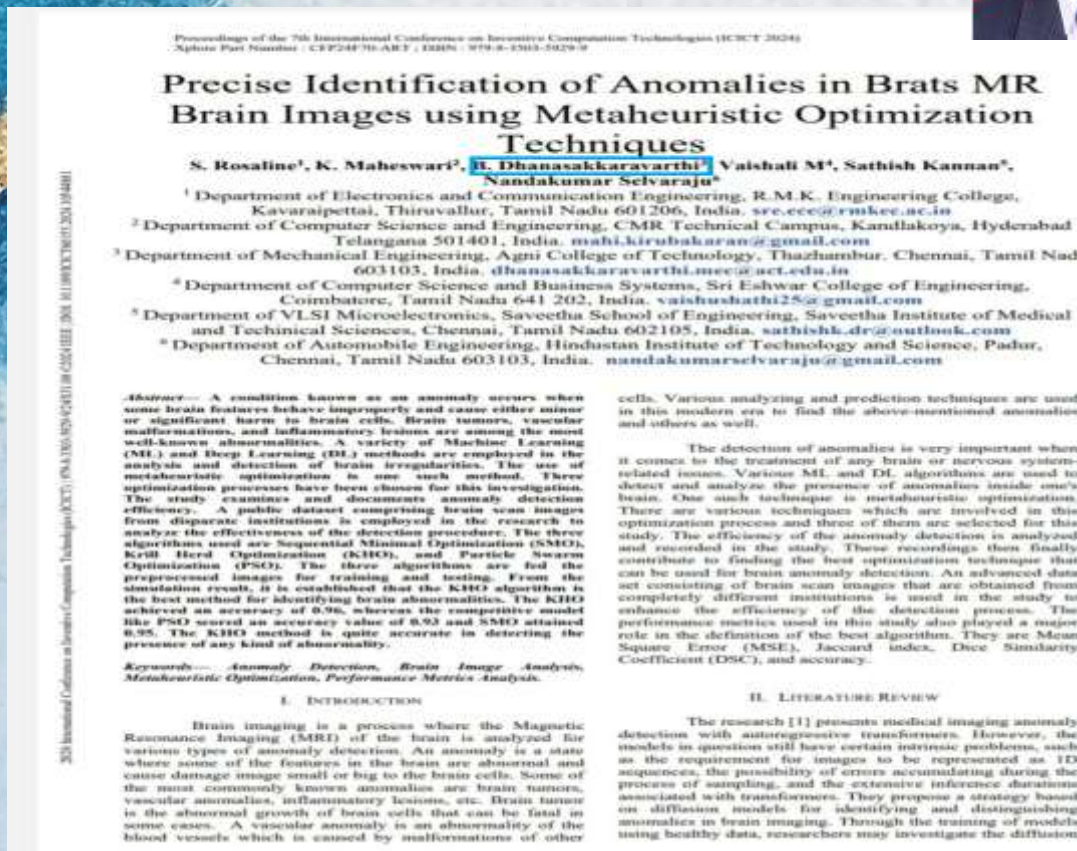
FACULTY ACHIEVEMENT



Mr. M. Saravanan, Assistant Professor, Department of Mechanical Engineering , was recognized as a NPTEL BELIEVER by NPTEL during January-April, 2024 .

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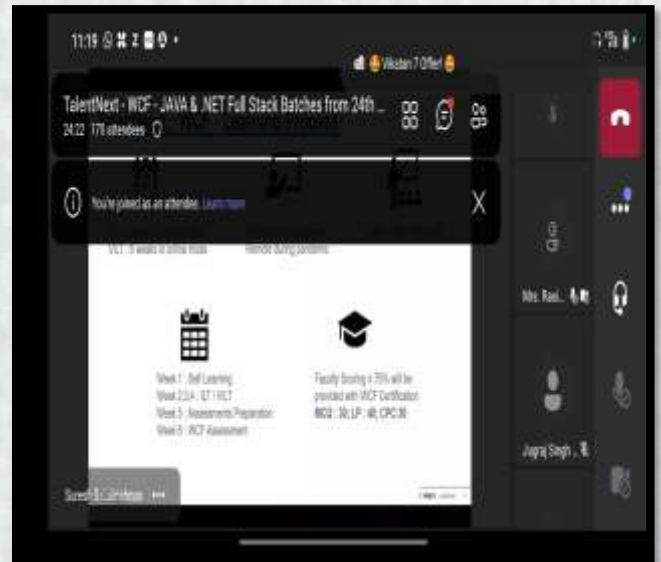
FACULTY ACHIEVEMENT



Dr. B. Dhanasakkaravarthi, Assistant Professor, Department of Mechanical, has published a paper on the topic “**Precise Identification of Anomalies in Brats MR Brain Images Using Metaheuristic Optimization Techniques**” in the proceedings of the 7th International Conference on Inventive Computation Technologies ICICT 2024) on the month of June 2024.

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FACULTY PARTICIPATION



Mrs. G. Veni, Mrs. P. Manju, Mrs. A. Suganya, Mr. C. Suresh Assistant Professors **Department of Computer Science and Engineering** have started the **Wipro Certified Program (WCF)** (6 weeks) for the courses **JAVA & NET FULL Stack** by **Wipro TalentNext 2024** through online mode.

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STUDENT PARTICIPATION



CERTIFICATE OF COMPLETION

Presented to

Priyanka L

For successfully completing a free online course
Back Propagation

Provided by

Great Learning Academy

(On June 2024)

To verify this certificate visit verify.mylgreatlearning.com/BJJPZNVZ

Ms. PRIYANKA L, II Year Student, Department of **Computer Science and Engineering** has completed the online certification program on , "**Back Propagation**" , provided by **Great Learning Academy** on JUNE 2024.

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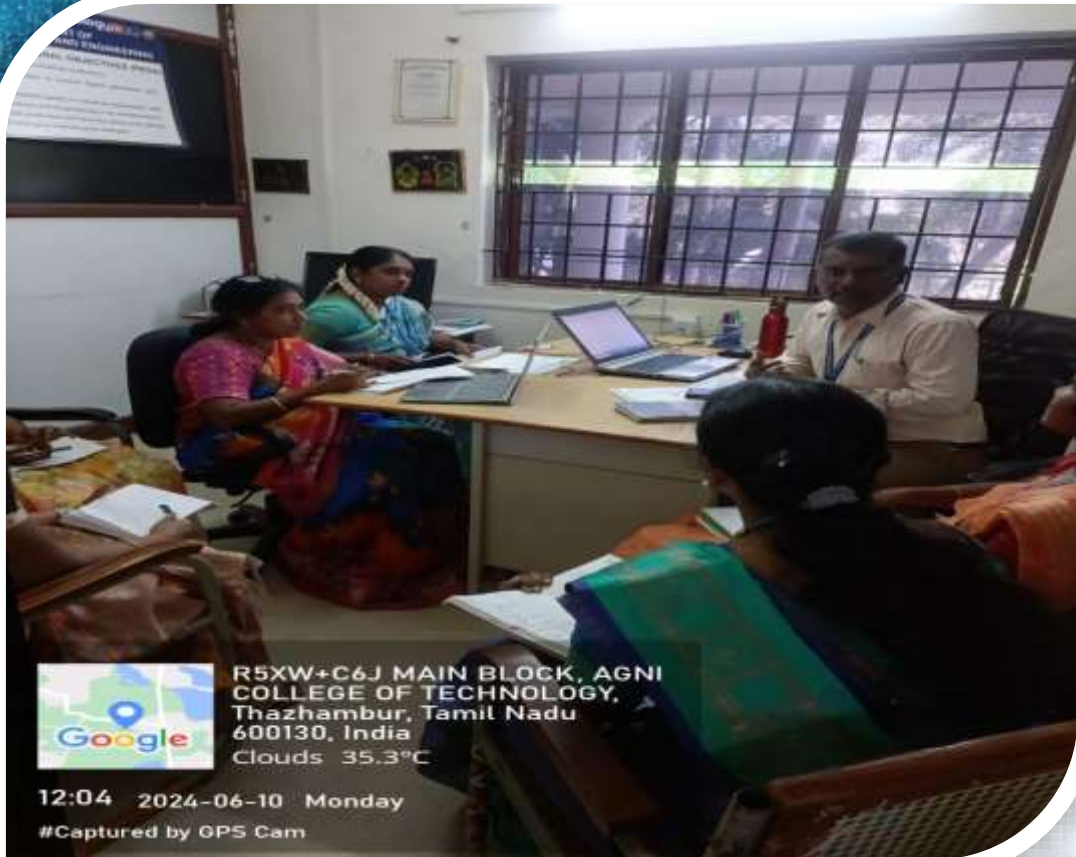
DEPARTMENT MEETING



Dr. Balaji Madhavan, Head, Department of **Computer Science & Engineering**, convened a department meeting on **JUNE 21st, 2024**. The agenda included discussions on NPTEL course registration, course file submission, subject allotment finalisation, mentor-mentee discussions and other activities of the department.

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DEPARTMENT MEETING



R5XW+C6J MAIN BLOCK, AGNI
COLLEGE OF TECHNOLOGY,
Thazhambur, Tamil Nadu
600130, India
Clouds 35.3°C

12:04 2024-06-10 Monday

#Captured by GPS Cam

Dr. Balaji Madhavan, Head, Department of **Computer Science & Engineering**, convened a department meeting on **JUNE 10th, 2024**. The agenda included discussions on course file submission, updates in autonomous curriculum and general activities.

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THIRD YEAR HALL TICKET DEPARTMENT POOJA



Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science and all the Artificial Intelligence and Data Science department faculty members gathered for a special department pooja for third year hall ticket on 7th June 2024.

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PARENTS TEACHER MEETING



Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science and third year class advisor Mrs.Amala Preyadarchane.J , Assistant Professor of Artificial Intelligence and Data Science had a “PARENT TEACHER MEETING” with Karthikeyan.K parent on 11th June 2024.

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