

IGNITE 2022



A DAILY NEWSLETTER

Editor in Chief

Editors

Dr. Srinivasan Alavandar Principal, ACT

Ms. Mary Surya Kala, ASP - S&H Ms. P. Nivedha, AP - S&H Mokeshwar. P, Student - AI&DS











FACULTY PUBLICATION



3. Comparative Volume Analysis of Pediatric Brain with Adult Brain Using T1 MRI Images S. Jacily Jemila and A. Brintha Therese

4. Comparison of Region of Interest and Cortical Area Thickness of Seizure and Hemosiderin-Affected Brain Images Valariam Jayanthi, Shanmugasundaram Sivakumar, and C. Vijayakumaran

5. Design and Analysis of Classifier for Atrial Fibrillation and Deep Neural Networks with ECG M. Slvakumar, S. Omkumar, B. Apputhamary, and Yohannes M. Sivakumar, S Bekuma Bakare

6. Design and Analysis of Efficient Short-Time Fourier Transform-Based Feature Extraction for Removing EOG Artifacts Using Deep Learning Regression M. Sivakumar, K. Umapathy, and S. Punitha

7. Machine Learning for Medical Images N. Gopinath, M. Suresh Anand, and M. V. Ishwarya

8. Innovations in Artificial Intelligence and Human-Computer Interaction in the Digital Era Ishwaryam V., Sureshanand M., Kumaresan A., and N. Gopinath

9. Computer-Aided Automatic Detection and Diagnosis of Cervical Cancer by Using Features Markers P. Sukumar, R. Murugasami, A. Rajan, and S. Sharmila

10. A Study on Sentiment Analysis M. Moorthy, Yohannes Bekuma Bakare, and Balachandra Pattanaik

. Applications of Magnetic Resonance Imaging Techniques d Their Advancements V. Rameshbabu, S. Mary Cynthia, K. Savima, and G. Lakshmi Vara Prasad

12. A Hybrid-Clustering Approach for Medical Image

Segmentation M.Malathi, K. Sekar, Mahendrakan K., and P. Sinthia

13. Approaches for Analyzing Dental Images with Medical Image Processing with Statistics G. Balanagireddy, P. Subramanian, J. Martin Sahayaraj, and S. Muthukumar

14. An Investigation on Diabetes Using Multi-Layer Perceptron J. Surendharan, A. Karunamurthy, R. Praveena, and K. Shebagadevi

15. Dermoscopic Implementation and Classification on Melanoma Disease Using Gradient Boost Classifier

Dr. Ishwarya M. V, Assistant Professor, Department of Computer Science and Engineering has published Two in Computational Imaging and Analysis in BioMedical Engineering indexed under **Taylor** Francis.











FACULTY ACHIEVEMENT



CERTIFICATE OF COMPLETION

Presented to

V.Sabaresan

For successfully completing a free online course What is IoT?

Provided by

Great Learning Academy

(On October 2022)

Mr. Sabaresan. V, Assistant Professor, Department of Information Technology has completed the online course on **What is IoT** offered by Great Learning in the month of October 2022.





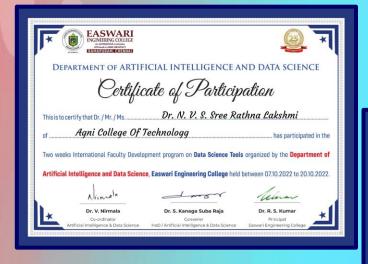


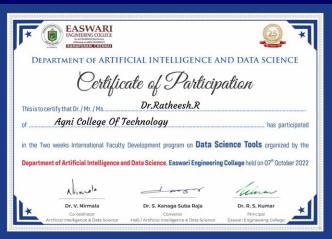






FACULTY PARTICIPATION





Dr. N V S Sree Rathna Lakshmi, Professor & Head & Dr. R, Assistant Professor, Department Ratheesh Electronics and Communication Engineering participated in a two week FDP on Data Science Tools from 07th to 20th October 2022 organized by Easwari Engineering College, Chennai.













FACULTY PARTICIPATION

St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH



Deemed to be University u/s 3 of the UGC act, 1956 AICTE Approved and ISO 9001:2015 Certified Avadi, Chennai - 600 054





FACULTY DEVELOPMENT PROGRAMME

CERTIFICATE OF PARTICIPATION

This is to certify that

Ms. RAJITHA RADHAKRISHNAN, Assistant Professor, Department of Chemistry, Agni College of Technology has actively participated in Five Day Faculty Development Virtual Program on Recent Advances and Trends in the Analytical Instrumentation Techniques from 26.09.2022 to 30.09.2022 organized by the Department of Chemistry in Association with IQAC, St.Peter's Institute of Higher Education and Research, Avadi, Chennai, India and in Collaboration with ACE International Pte Ltd, Singapore.



Dr. Sayeeda Sultana Head/Department of Chemistry Convener

Dr. B.Ramanathan

Founder & Managing Director ACE International Pte Ltd, Singapore Dr. L. Mahesh Kumar Registrar

Mrs. R. Rajitha Radhakrishnan, AP, Department of Science and Humanities (Chemistry) has participated in a 5 day Virtual FDP on Recent Advances And Trends in the **Analytical Instrumentation Techniques** organized the Department of Chemistry, St. Peter's Institute of Higher Education and Research, Chennai in Association with IQAC Collaboration with ACE International Pvt and Singapore from 26^{th} to 30^{th} September 2022.

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Mathew. P, II year student, Department of Computer Science and Engineering, has participated in **TECH UNITY-2022** National Level Symposium and got **First Prize** in **Sudoku event** with a cash award of Rs. 500 organised by Mohammad Sathak AJ college of Engineering, Chennai held on 28th October 2022.















Vallisree, II year student, Department of Computer Science and Engineering, has participated in **TECH UNITY-2022**National Level Symposium and got **First Prize** in **Multimedia Presentation** with a cash award of Rs.1000 organised by Mohammad Sathak AJ college of Engineering, Chennai held on 28th October 2022.















Ramkumar. K. S, II year student, Department of Information Technology has completed the online course on **What is IoT** offered by Great Learning in the month of October 2022.















J. Jonathan, IV year student, Department of Mechatronics Engineering has completed the online course on **Front End Development - HTM** offered by Great Learning in the month of October 2022.

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J. Jonathan, IV year student, Department of Mechatronics Engineering has completed the online course on **Basics of Machine Learning** offered by Great Learning in the month of October 2022.

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Aarthi M, II year student, Department of Electronics and Communication Engineering has completed the online course on **Laplace Transformation** offered by Great Learning Academy on 6th October 2022.

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Sanjay. V, II year student, Department of Computer Science and Engineering has completed the online course on **Python Seaborn** offered by Great Learning Academy in the month of October 2022.



















V. Durai Raj, III year student, Department of Mechanical and Automation Engineering has completed the online courses on **Data Visualisation using Python** and **Explore Machine Learning using Python** on 20th October 2022 and **Introduction to Deep learning** on 31st October 2022 respectively.













MOCK - INTERVIEW



Alumni students Navetha. A and Sheeja. K have conducted a **Mock Interview** for the final year Chemical Engineering students. They discussed about the types of questions that are likely to be posed in the interview. They also resolved the doubts posted by the students regarding interviews.













IQAC - AUDIT





Mr. P. Rajan, AP, Department of Mechanical Engineering has checked and verified the Departmental files of Mechatronics Engineering in presence of Dr. R. Pandiyarajan, Head and the faculty members. The remarks were noted down for further documentation.













IQAC - AUDIT



Mr. Rajan, Assistant Professor, Department of Mechanical Engineering has audited the pending files in the Department of Chemical Engineering on 31th October 2022. The files were verified and suggestions was given for updating the files.













IQAC - AUDIT



Mr. Rajan, Assistant Professor, Department of Mechanical Engineering has audited the files in the Department of Electrical and Electronics Engineering on 31st October 2022. The department files were verified and suggestion was given for updating the files.













FACULTY REPOSITORY



Chithra P, Assistant Professor, Department Electronics and Communication Engineering has portrayed beautiful painting depicting WORLD PEACE on a Ceramic Tile.









