



Adhiyamaan College of Engineering

(Autonomous)

(Affiliated to Anna University of Technology, Coimbatore)

Dr.M.G.R.Nagar, Hosur-635109, Tamil Nadu

DEPARTMENT OF MCA infoMAC (2023-2024)



Vision:

To bring out globally competent pioneering computing professionals, researchers, innovators and entrepreneurs to contribute value to the knowledge based economy and society.



Mission:

- M1: To provide an ethical environment to achieve excellence in teaching learning, research and development activities.
- M2: To enhance the skills of entrepreneurship, innovation, management and life-long learning.
- M3: To inculcate professional ethics and make socially responsible graduates.

Value Added Course



The Value Added course conducted on "IOT APPLICATION DEVELOPMENT" from 24.07.2023 to 28.07.2023. We appreciate his/her dedication for completing all the tasks assigned during the period of the course. IoT course will help students to learn the basics of electronics and the use of the internet in electronics. The students will make real life applications such as home automation after completing this course.

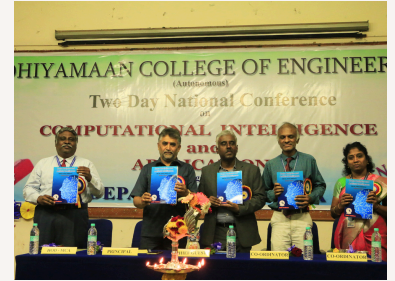


The value added program on "DATA ANALYTICS USING PYTHON" jointly organized by Networkz Systems And Department of MCA, Adhiyamaan College, Hosur during 4th December 2023 to 8th December 2023. A broad term that covers a wide range of techniques that enable you to reveal any insights and relationships that may exist within raw data.



Five days value added course on "MOBILE APPLICATION DEVELOPMENT USING RECAT JS" during 03/01 /2024 to 08/01/2024. A mobile application development framework designed to work on Android or iOS devices. ReactJS is easy to use, and it makes creating complex user interfaces simpler. React Native is fast and smooth, which makes it a good choice for developing mobile apps. Both ReactJS and React Native are open-source.

National Conference



A National conference is where you can present your research paper and is held within your country only, and only the researcher within your country are allowed to present research papers held at Adhiyamaan College of Engineering on 25th November,2003.

Guest Lecture

One Day Seminar on “Cyber Security” on 8th July 2023 to the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users via ransomware; or interrupting normal business



Dinesh Manoharan
Founder- Cyber Voyage-Chennai



Guest Lecture on “Full Stack Web Development” on 05th August 2023 to the process of developing both the frontend and backend of applications. The frontend contains the user interface and code related to user interactions with the application. A full stack developer has the skills and ability to complete a product independently.

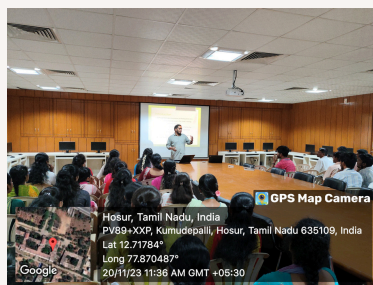
**G. Srinivasan Senior Associate
Cognizant Technical Solutions, Chennai**

Two Day Workshop on “Spring Framework” on 21st -22nd July 2023 to an open-source framework for building enterprise Java applications. Spring aims to simplify the complex and cumbersome enterprise Java application development process. Spring removes tedious configuration work so that developers can focus on writing business logic.



**Mr. Yeshwanth
Software Engineer HCL -Bangalore**

Seminar



Department of MCA Organizing Seminar on “AUTOMATED TESTING” on 20th November 2023. Test automation aims to increase the efficiency and effectiveness of testing by reducing human errors, saving time, and improving test coverage. While all testing, including regression testing, can be done manually, there are often greater benefits to doing much of it automatically.



Department of MCA Organizing one day Seminar on “CRAFTING MULTIMEDIA” on 24th Febraury 2024.Multimedia Authoring or development is the process of creating content which includes multiple forms of media

Hackathon



A social coding event that brings computer programmers and other interested people together to improve upon or build a new software program. Internal hackathon held on 22n & 23rd September at Adhiyamaan college of Engineering.



A platform for you to immerse themselves in hands-on coding, design, and innovation projects within a condensed timeframe.Crackathon 2.0-2024, organized by the Department of Information Technology,M.Kumarasamy College of Engineering,Karur on 14.3.2024 and 15.3.2024.

Entertainment Club



Playing a sport to relaxing and making students to gather , strong, motivated, enthusiastic and young, aiding in better coordination and flexibility. It further develops your teamwork abilities and discipline through pushing you to work as a unit with your teammates.



Playing a sport to relaxing and making students to gather , strong, motivated, enthusiastic and young, giving players enough responsibility so they do it themselves. Once you know a player's motivation you can start feeding it. Tags: young cricketers, cricketers Motivation, players, Cricket.

Nutrition Day



National Nutrition Week is celebrated each year from 1st September to the 7th September to aware the people about important tips of their health and well-being held at Adhiyamaaan College of Engineering on 1st Sep to 7th Sep 2023.

Buddy Day



Freshers' Day is a memorable and enjoyable experience for new students, marking the beginning of an exciting chapter in their lives held at Adhiyamaan College of Engineering on 11th August , 2023.

Student Self Growth

1. **Vijay V, Track Mobile Number Application** Published in E-Journal Volume-IO Issue-2 2024.
2. **Abinaya R, Globe Glider-** Published in E-Journal Volume 3, Issue I , January-April 2024.
3. **Ajay Shivam S , Sign Language Detection Management System -** Published in E-Journal Volume-10, Issue-3, 2024.
4. **Anjith Kumar T , Visitor Mangement System-** Published in E-Journal Volume-10, Issue-2, 2024.
5. **ARIVAZHAGAN , Diabetics Prediction-** Journal publication of International Research for Engineering and management.
6. **Arun A , College Tweet-** Published in E-Journal Volume-6, Issue-4, April 2024.
7. **Arya Prasad Vishnu M , PG Locator Application -** Published in E-Journal Volume-6, Issue-4, April 2024.
8. **Aswaththaman G N, Trendy Outfit Coordinator -** Published in E-Journal Volume-6, Issue-4, April 2024.
9. **Augustin Ronaldo A , Artificial Vision For Visually Impaired-** Published in E-Journal Volume-10, Issue-4, April 2024.
10. **Bhavatharani P , Music Player-** Presented at the International Conference on Recent Trends held on 23th March 2024.
11. **ChethanN , Business Linkup-** Published in E-Journal Volume-10, Issue-2, 2024.
12. **Chinnarasu P , Plant Disease Classification using Machine Learning and KNN-** Published in E-Journal Vorume-10, Issue-4, 2024.
13. **Deepika K, Augmented Reality Education-** Published in E-Journal Volume-5, Issue-4, 2024.
14. **Dhanabhagam S , Student Activity Monitoring Sytem-** Presented the first international conference on innovative research in engineering science held at christ the king engineering college on 10.04.2024.
15. **Duraimurugan M, Wake Watch Detection-** Published in E-Journal Volume-6, Issue-4, April 2024.
16. **Gayathri G , Crop Yield Prediction-** Presented paper at Department of Electrical and Electronics Engineering on April ,2024.

17. **Gowtham S , Big Market Sales Prediction-** Published in E-Journal Volume-4, Issue-4, April 2024.
18. **Harini V , Skin Cancer Detection App-** Published in E-Journal Volume-10, Issue-2, April 2024.
19. **Harish kumar G , Service Finder Application-** Published in E-Journal Volume-04, Issue-4, April 2024.
20. **Harshitha V , Real Time Face Mask Detection Ssystem-** Published in E-Journal Volume-03, Issue-3, March 2024.
21. **Iswarya M , Internet Community Application -** Published in E-Journal Volume-10, Issue-4, April 2024.
22. **Iswarya V, QR Code Based Smart Dining System** Published in E-Journal Volume-5, Issue-4, April 2024.
23. **Jawahar Sriram M, Career Guidance App-** Published in E-Journal Volume-10, Issue-2, April 2024.
24. **Jaya Kumar S , Freelance Marketplace-** Published in E-Journal Volume-06, Issue-4, April 2024.
25. **Jayasri R ,Human Pose Estimation-** Published in E-Journal Volume-03, Issue-3, April 2024.
26. **Karthick S ,App Rationalization Toolkit-** Published in E-Journal Volume-03, Issue-2, August 2024.
27. **Karthigeyan M ,Face Biometric Authentication System For Atm** Published in E-Journal Volume-10, Issue-4, August 2024.
28. **Kathikeyan N ,Decerator Booking System -** Published in E-Journal Volume-04, Issue-4, August 2024.
29. **Kavya D J ,Driver Drowsiness Detection and Alert System -** Published in E-Journal Volume-10, Issue-4, August 2024.
30. **Kavya RV, Motorized Insurance with Group of Data Analysis -** A Peer Reviewed referred Journal International Journal of Innovative Research In Engineering Volume 5, Issue3(May-June 2024), PP. 83-86.
31. **Keerthana B,Photography Hub -** A Peer Reviewed referred Journal International Journal Of Scientific Research In Engineering & Technology Volume. issue2 (March. April 2024). PP. 146-148.
32. **Kesavi L,Okabe Tabe Supply Chain Tracker -** in "International Journal of Research Publication and Reviews", Volume 5, Issue 4 .
33. **Kiruthika N K,Detection of Phishing Website using Machine Learning -** in international Journal of Research Publication and Reviews", Volume S. Issue 4 .

34. **Lakshmanan R, Donation Campaign**-A Peer Reviewed referred Journal Volume 3, Issue 1 (January-April 2024), PP 53-54.

35. **Manoranjan S, Lane and Traffic Sign Detection** - in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume-6, issues-4, April-2024.

36. **Mohan M, Image Based Music Recommendations**- in International Research Journal Of Education and Technology, Has been Published in Volume: 06 Issue: 04 , Apr-2024 Page Number

37. **Murali V, Car Market**- in International Journal Of Progressive Research in Engineering Managment and Science Education and Technology(IJPREMS), Volume 04, Issue 04, April 2024

38. **Murugan P, Student Alumni Connecting Website** - International Journal of Novel Research and Development Published In IJNRD (waw.ijnrd.org) ISSN Approved & 8 76 Impact Factor Published in Volume 9 Issue 4, April-2024 Date of Publication 2024-04-07 Co-Authors - Sathya

39. **Oviya G, Handwritten Digit Recognition**- A Peer Reviewed referred Journal International Journal of Innovative Research In Engineering Volume 5, Issue 3(May-June 2024), PP: 77-79.

40. **Pavan N, Image Encryption Novel Hybrid Algorithm** -Board of International Journal of Advance Research and Innovative Ideas in Education Published in E-Journal Volume-10 Issue-3 2024

41. **Prasath S, Digital Retail** -in International Journal of Scientific Research and Engineering Trends, in Volume 10, Issue 02, Mar-Apr-2024

42. **Priyadarshini V, Student Portal Application** -A Peer Reviewed referred Journal Indian Journal of Computer Science and Technology Volume 3, Issue 2 (May-August 2024), PP 15-24.

43. **Priyanka N, Location Based Garbage Management System For Smart Cities**-which run by Electiical Drives and Automation Lab & Department of Electrical and Electronics Engineerig on 12.04.2024

44. **Rashmitha S, Industrial IOT made Easy**-International Journal of Advance Research and Innovative Ideas in Education published inn E-journal Volume-10, issues-2 2024

45. **Rekha M, WhatsApp Direct** -Intemational Journal of Novel Research and Development Published in Volume 9 Issue 4. April-2024 1 Date of Pubfication: 2024-04-22.

46. **Rekha S, A Bidirectional Audio to Sign Language** -in international Scientific journal of Engineering and Managment(ISJEM) on Volume 03 Issue 03, March 2024

47. **Sabari M, Retail Bank Managment**-in International Journal of Progressive Research in Engineering Management and Science (IJPREMS), Volume 04, Issue 04, April

48.**Sai Karthikgeyan S,Co and PO Attainment Calculator** -in International Research Journal of Education and Technology Has been Published in Volume: 06 Issue: 04 ,April 2024 Page Number 350-3

49.**Sakthi G ,Education Managment Information System**-in the 6 International Conference on Emerging Trends in Engineering and Technology (ICETET 2024) Conducted by St. Joseph College of Engineering, chennai, Tamil Nadu, on 17.04.2024 and 18.04.2024.

50.**Sandhiya K,Human Detector and Counter**-A Peer Reviewed referred Journal International Journal of Innovative Research in Engineering volume 5, Issue 3(May-June 2024), PP: 105-108.

51.**Shabeena R,Weather Forecasting**-A Peer Reviewed referred Journal International Journal of Innovative Research in Engineering Volume 5, Issue 3(May-June 2024), PP: 116-118

52.**Sivasurya R,Flood Resilency and Emergency Crowed Funding**-in International Journal of Scientific Research and Engineering Trends, in Volume 10, Issue 02, Mar-Apr-2024

53.**Sowjanya D,Preventing Mainteance Alert System for Module Shorts**-in Board of Intemational journal of Advanced Research and innovative ideas in Education Volume-10,issues 2,2024.

54.**Suriya Narayanan S,Automatic NUmber Plate Recognition**-in International Research Journal Of Modernization In Engineering Technology and Science (IRJMETS), Volume 06, Issue 04, April 2024

55.**Swetha G,Unity Hub Convention**-in International Research Journal Of Research Publication and Reviews Volume 5, Issue 4.

56.**Thenmozhi S R,Stock Sight**-A Peer Reviewed referred Journal International Journal of Innovative Research in Engineering Volume 5, Issue 3(May-June 2024), PP: 105-107.

57.**Vennela K,Employee Tracker System**-in International Scientific jouranal of Engineering and Managment on volume 03 Issue 03 March, 2024

58.**Vidyasree P,Predecting Modeling for Housing Price Trends using Historical Data** -in International Scientific jouranal of Engineering and Managment on volume 03 Issue 03 April, 2024

59.**Vishal N,Speech Enabled Language Learing App**-in International Scientific jouranal of Engineering and Managment on volume 03 Issue 03 April, 2024

Faculty Self Growth

1. **Swamy Doss D, “Innovative and Sustainable Management Practices”** Presented in International Conference on 30th October 2023.
2. **Swamy Doss D, Participated** - Virtual Faculty Development Programme on Developing Human Potentials in Emerging Technologies in Computer Science organized by School of Computer Science, Kongunadu Arts and Science College (Autonomous), between 04.09.2023 and 16.09.2023 in International Conference on 30th October 2023.
3. **Swamy Doss D, “Security Issues of Business Migration in a Cloud Computing Environment”,** in the International Conference on "Data Science" Organized by the Department of Computer Application, Nadar Saraswathi College of Arts & Science, Theni on 4th & 5th September, 2023.
4. **Swamy Doss D, Participated** - Student Workshop in the part of One Week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by Brainoyision Solutions India Pvt Ltd .
5. **Swamy Doss D, Participated** - has won this certificate for Library User Awards on “National Librarian”. Day on Birth Anniversary of Dr.S.R.Ranganathan - Organized by Department of Library and Information Centre on 14th August 2023
6. **Swamy Doss D, Participated** - Faculty of Adhiyamaan College of Engineering has successfully participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on September 15,2023
7. **Sathya V, “Defended Against DDOS Attacks Using Optimized BPNN-APO in Computer”,** in the National Conference on “Computational Intelligence and Applications Organized by Department of MCA During 24th-25th November 2023.
8. **Sathya V, Awarded,** for successfully completing the course Introduction to Internet of Things with a consolidated score of 82 %.
9. **Sathya V, Participated,** has participated in Tamil Nadu State Government Sponsored Five day Faculty Development Programme on "Emerging Trends in Artificial Intelligence and Machine Learning" from 04/12/23 to 08/12/23 organized by the Faculty Development.
10. **Sathya V, Course Completion,** Introduction to Internet of Things with a consolidated score of 82 Online Assignments 18.53/25.
11. **Sathya V, Awarded,** in Recognition of an outstanding Contribution to the quality of the journal
12. **Sathya V, Presented ,** International Conference on Innovation and Sustainable Management Practices
13. **Sathya V, Member ship Certificate of Professional Trainers ,** in this membership is awarded for his/her Significant Contributions Towards the Association and the Field of Education
14. **Sathya V, Participated,** has successfully participated in online quiz on "Mobile and Mobile App Security" organised as part Of "STAY SAFE ONLINE CHAMPION" under India's G20 presidency. The campaign is led by Ministry of Electronics and Information Technology (MeitY), Government of India and implemented by C-DAC, Hyderabad as part Of ISEA Project Phase-II. This quiz is organised from 16th September to 31st October 2023.

15. **Sathya V, Awarded**, for successfully completing the course Introduction to Internet of Things with a consolidated score of 82 %.

16. **Sathya V, Participated**, has participated in the Tamil Nadu State Government Sponsored Five day Faculty Development Programme on "Data Science using Python" from 06/11/2023 to 10/11/2023 organized by the Faculty Development Training Centre in association with Department of Computer Engineering, Government Polytechnic College, Sevvapet, Chennai.

17. **Sathya V, Participated**, has participated in the Tamil Nadu State Government Sponsored Five day Faculty Development Programme on "Data Science using Python" from 06/11/2023 to 10/11/2023 organized by the Faculty Development Training Centre in association with Department of Computer Engineering, Government Polytechnic College, Sevvapet, Chennai.

18. **Sakthivel Nageshwaran N, "An exploration of human brain activity using BCI with EEG techniques"**, for the Best Paper Award for their paper titled on the 2nd International Conference on Advancements in Smart Computing & Information Security (ASCIS 2023) Organised by Faculty' of Computer Applications, Marwadi University, Rajkot, Gujarat in collaboration with CCIS & Science and Engineering Research Board (SERB), Science and Technology, Government of India, December 7-9, 2023.

19. **Sakthivel Nageshwaran N, "Human brain activity"**, on the 2nd International Conference on Advancements in Smart Computing & Information Security (ASCIS 2023) Organised by Faculty' of Computer Applications, Marwadi University, Rajkot, Gujarat in collaboration with CCIS & Science and Engineering Research Board (SERB), Science and Technology, Government of India, December 7-9, 2023.

20. **Sakthivel Nageshwaran N, "Human brain activity"**, of Anna University, Chennai for Presenting the Research Paper Titled An Exploration of Human Brain Activity using BCI with EEG Techniques in the 2nd International Conference on Advancements in Smart Computing & Information Security (ASCIS 2023) Organised by Faculty of Computer Applications, Marwadi University, Rajkot, Gujarat in collaboration with Springer CCIS & Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India., during December 7-9, 2023.

21. **Sakthivel Nageshwaran N, "Awarded"**, has Rank 1454 in Java Code Clash Challenge and is awarded for outstanding performance and exemplary contribution on TechCig.com on Feb 02, 2024.

22. **Sakthivel Nageshwaran N, "Participated"**, in SNOWFLAKE HACKATHON: DATA FOR GOOD HACKATHON and is awarded for outstanding performance and exemplary contribution on TechCig.com on Feb 02, 2024.

23. **Sakthivel Nageshwaran N, "Awarded"**, We thank You and Cherish your Enthusiastic participation at TechGig Code Gladiators 2023.

24. **Sakthivel Nageshwaran N**, has achieved Rank 512 in Data Science Code-a-thon Contest and is awarded for outstanding performance and exemplary contribution on TechGig.com May 02, 2024.

25. **Sakthivel Nageshwaran N**, has participated in GitHub Copilot Hackathon and is awarded for outstanding performance and exemplary contribution on TechGig.com on May 02,2024.
26. **Sakthivel Nageshwaran N**, has achieved Rank 1187 in Wipro CareerHack Contest and is awarded for outstanding performance and exemplary contribution on TechCig.com on Feb 02,2024.
27. **Sakthivel Nageshwaran N**, has successfully participated in IP Awareness/Training program under NATIONAL INTELLECTUAVPROPERTY AWARENESS MISSION on September 15,2023 Organized by Intellectual Property Office, India.
28. **Sakthivel Nageshwaran N**, “Presented” in INTERNATIONAL CONFERENCE on "Innovative and Sustainable Management Practices" on 30th October 2023.
29. **Sakthivel Nageshwaran N**, has participated in the NATIONAL LEVEL ONLINE WORKSHOP on ChatGPT for academics conducted by Department of Computer Science, St. Joseph's College, Tiruchirapalli on 21st June 2023 from 5.30 pm to 7 30 pm in zoom portal.
30. **Amutha N, Participated**, has successfully participated in online quiz on "Mobile and Mobile App Security" organised as part of "STAY SAFE ONLINE CAMPAIGN" under India's G20 presidency. The campaign is led by Ministry of Electronics & Information Technology (MeitY), Government of India and irpplemented by C-DAC, Hyderabad as part of ISEA Project Phase-II. This quiz is organised from 160 September to 31October 2023.
31. **Amutha N, Participated**, has participated in NATIONAL LEVEL ONLINE WORKSHOP on ChatGPT for ACADEMICS conducte by Department of Computer Science, St. Joseph's College, Tiruchirappalli on 21" June 2023 from 5.30 pm to 7.30 pm in zoom portal.
32. **Amutha N, Excellence and Skill Building**, has Comp;eted Two Weeks National Level FDP on Online Tea Teching Tools 23-09-23 TO 10-10-2023.
33. **Amutha N, Participated**, has Comp;eted Two Weeks National Level FDP on Online Tea Teching Tools 23-09-23 TO 10-10-2023.
34. **Amutha N, Participated**, has participated in TamilNadu State Government Sponsored Five day Faculty Development Programme on "Emerging Trends in Artificial Intelligence and Machine Learning" from 04/12/23 to 08/12/23 organized by the FacultyDevelopment Training Centre in association with the Department of Computer Science and Engineering, Government College of Engineering, Bodinayakkanur through online mode.
35. **Amutha N, Participated**, "Entrepreneurship Development for Faculty in Energy Conservation Domains of Engineering and Technology using Mobile Application Development" conducted by the Centre for Fac & Professional Developmpt, Anna UniversityS Chennai-25 from 26.10.2023to 08.11.2023 through Online Mode Sponsored by the Department of Science and Technology.

36. **Meena P, Participated**, has participated in Tamil Nadu State Government Sponsored Five day Faculty Development Programme on "Emerging Trends in Artificial Intelligence and Machine Learning" from 04/12/23 to 08/12/23 organized by the Faculty Development Training Centre in association with the Department of Computer Science and Engineering, Government College of Engineering, Bodinayakkanur through online mode.

37. **Meena P, Participated**, has successfully participated in the Faculty Development Programme on CYBER SECURITY & ARTIFICIAL INTELLIGENCE held on 24.11.2023 to 30.11.2023 Organized by the Department of Computer Science and Application, Periyar Maniammai Institute of Science Technology (PMIST), Vallam, Thanjavur.

38. **Meena P, Participated**, in the Faculty Development Programme on "Entrepreneurship Development for Faculty in Energy Conservation Domains of Engineering and Technology using Mobile Application Development" conducted by the Centre for Faculty & Professional Development, Anna University. Chennai-25 from 26.10.2023 to 0&11.2023 through Online Mode Sponsored by the Department of Science Technology

Editor

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Nageshwaran N

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Mr. Aadharsh C & Vimal P-I MCA.