DEPARTMENT OF ARTIFICIAL INTELLIGENCE

ACADEMIC YEAR: 2024-2025
AI APPRECIATION DAY

DATE: 16ᵗʰ July, 2024   **VENUE: Seminar Hall**

In commemoration of Artificial Intelligence Appreciation Day, the department conducted competitions for the studentson July 16, 2024, at 10:00 AM in the Seminar Hall.

The event began with the recitation of the Holy Quran by Ayesha Sania K.O, II B.Sc AI, followed by English and Tamil translations, and the Thamizh Thai Vazhthu. Dr.M.Renu, the Principal, delivered the Presidential Address, emphasizing the importance of Al. Following this, Iffath D, III B.Sc. Al presented a Special Lecture. Two events were then conducted: a Paper Presentation and a Debate, with 24 participants from various years. Prizes were distributed by Dr. M. Renu to recognize the winners. The day concluded with a Vote of Thanks by Tooba Afreen I.D, II B.Sc AI and the National Anthem, sung by students from I, II, and III B.Sc AI. The event was both successful and motivating, with 129 students from the Departments of Artificial Intelligence in attendance.

Principal Delivering a Speech on "The Importance of AI"

While Students Were Presenting Their Papers

Students Engaging In the Debate

While Honoring the Students with Prizes

INTERNATIONAL SEMINAR

ON

NAVIGATING THE FUTURE: AI TOOLS AND CAREER OPPORTUNITIES IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

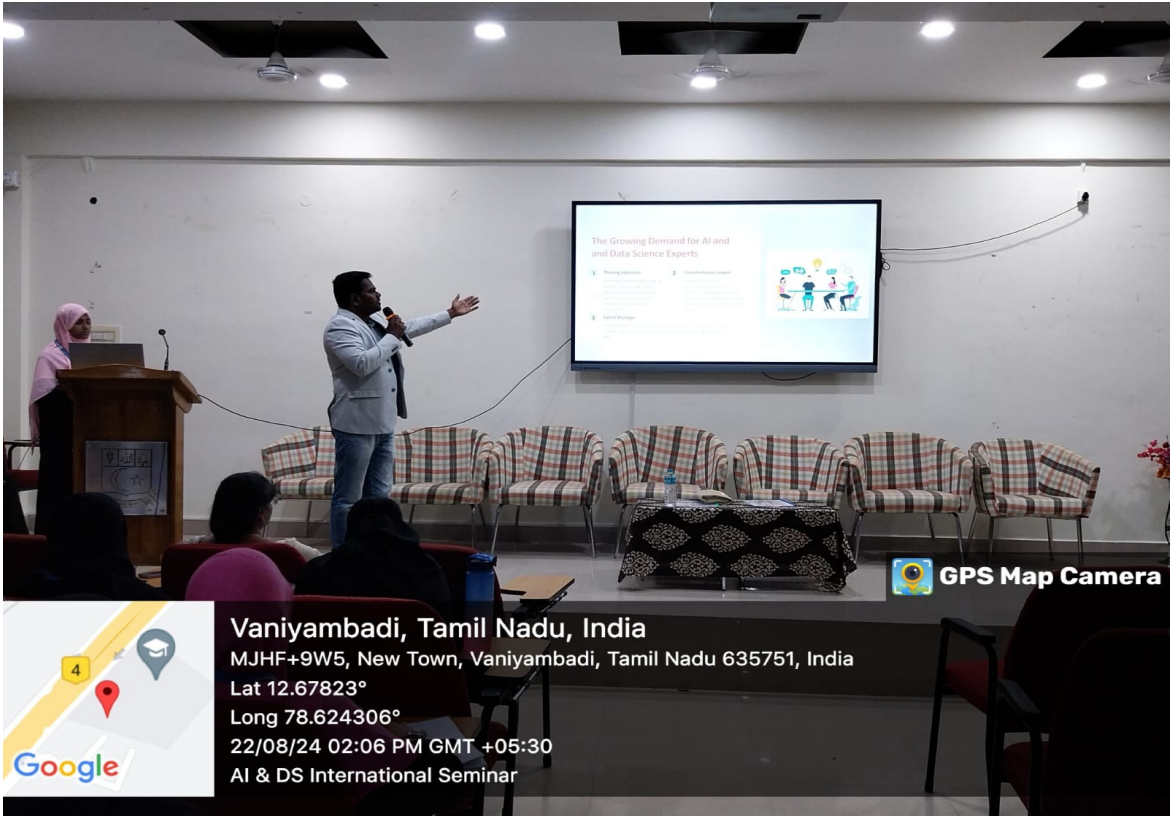**DATE: 22ⁿᵈ August, 2024**   **VENUE: Seminar Hall**

On August 22, 2024, the Departments of Artificial Intelligence and Data Science jointly organized an International seminar titled "Navigating the Future: AI Tools and Career Opportunities in Artificial Intelligence and Data Science," held at 11:30 a.m. in the Seminar Hall. The event began with a prayer led by Ms. Taha Sania A.F, II B.Sc DS, followed by an English translation and the "Tamizhthai Vazhthu," performed by the students. Ms. Kashiya Zainab P, III B.Sc DS welcomed everyone, and Ms. Iffath, III B.Sc AI introduced the Chief Guest. Dr. M. Renu, the Principal, delivered the Presidential Address, emphasizing the significance of AI and Data Science.

In Session-1, Dr. M. Ashok Kumar spoke about the future of AI tools and in session-2, he elaborated on various career opportunities in Artificial Intelligence and Data Science. He discussed key trends, the impact of AI on various sectors, and the skills needed for success in these fields. The seminar concluded at 2:45 p.m. with a Vote of Thanks by Ms. Adviah Ribah (II B.Sc AI), followed by the National Anthem sung by the students. The event was both informative and well-received, with 251 students from the Departments of Artificial Intelligence and Data Science in attendance.

Chief Guest Presenting the Lecture on AI Tools and Career Opportunities in Artificial Intelligence and Data Science

Vaniyambadi, Tamil Nadu, India
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AI & DS International Seminar

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STATE LEVEL SEMINAR

ON
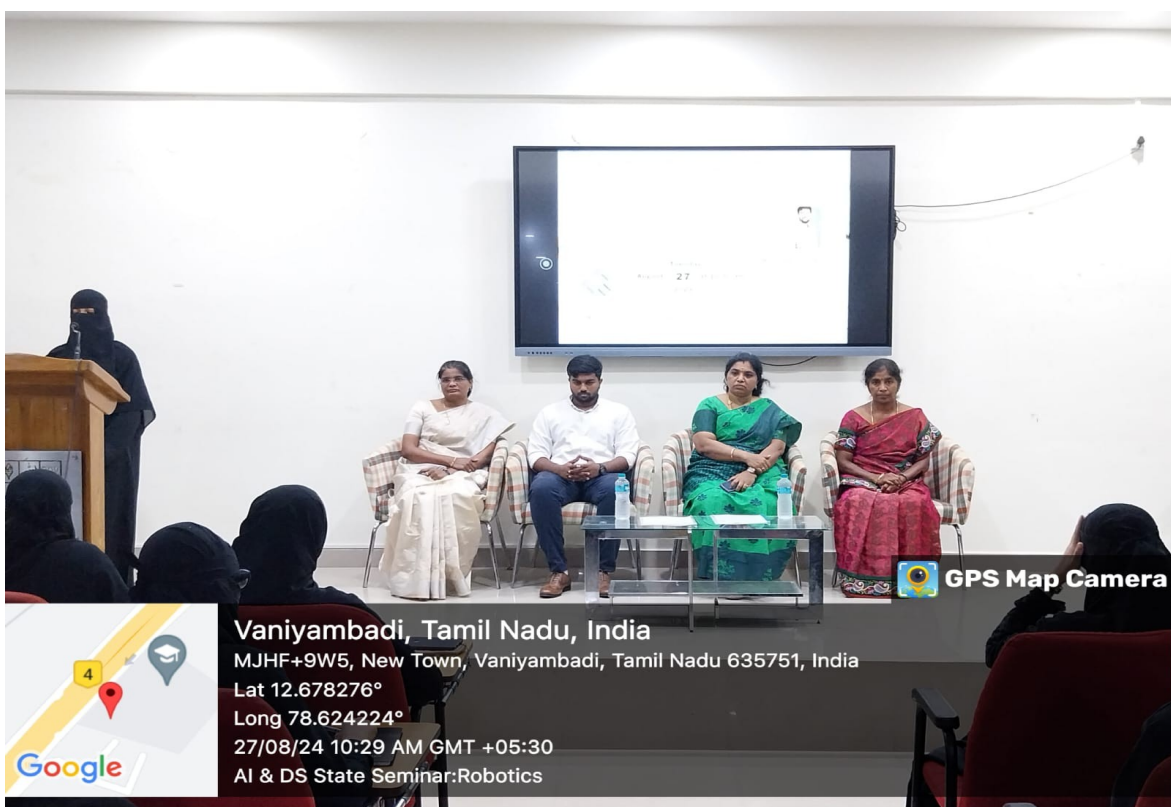
ROBOTICS 101 - UNVEILING THE BASICS

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DATE: 27th August, 2024   **VENUE: Seminar Hall**

On August 27, 2024, the Departments of Artificial Intelligence and Data Science jointly organized a state seminar titled "Robotics 101 - Unveiling the Basics" in the Seminar Hall. The event began at 11:30am with a prayer, followed by an English translation, and then the "Tamizhthai Vazhthu" performed by the students. Ms. Kubra Pallen welcomed everyone, and Ms. Haniya Kifleen introduced the Chief Guest. Dr. M. Renu, the Principal, delivered the Presidential Address, highlighting the relevance of robotics in today's technological landscape.
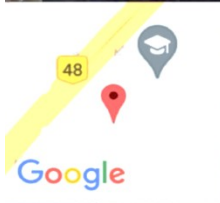
The Chief Guest, Mr. Richie Soshan, Project Engineer at Soliton Technologies, Coimbatore, provided an insightful overview of basic robotics concepts and their applications in various industries. The seminar concluded at 1:15pm with a Vote of Thanks by Ms. Rida, who acknowledged the contributions of all participants and speakers. The event was informative and well-received, with 245 students from the Departments of Artificial Intelligence and Data Science in attendance.

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While Welcoming the Chief Guest

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Chief Guest Presenting the Lecture on ROBOTICS 101 - UNVEILING THE BASICS

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AI & DS State Seminar:Robotics

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AI & DS State Seminar:Robotics

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AI & DS State Seminar:Robotics

STATE-LEVEL SEMINAR

ON

MACHINE LEARNING ALGORITHMS: DRIVING REAL-WORLD APPLICATIONS
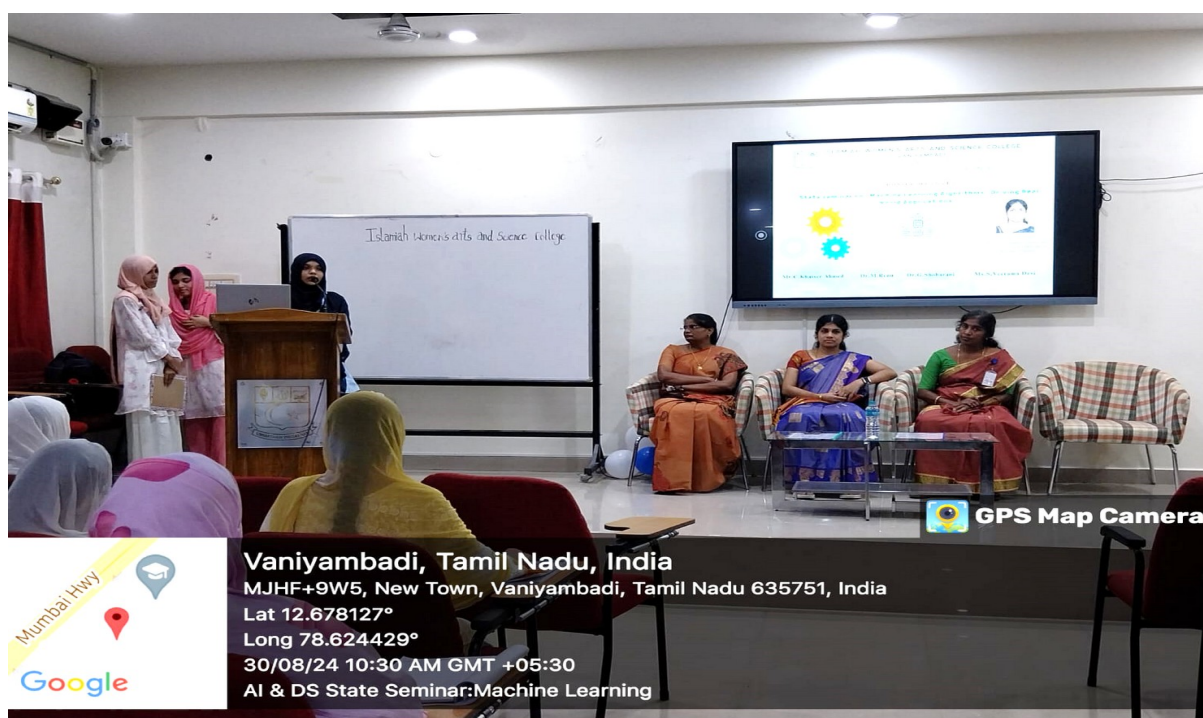
DATE: 30thAugust, 2024   **VENUE: Seminar Hall**

The Departments of Artificial Intelligence and Data Science jointly organized a state-level seminar titled "Machine Learning Algorithms: Driving Real-World Applications" in the seminar hall. The event began at 10:30 am with a prayer, followed by an English translation, and then the "Tamizhthai Vazhthu" performed by the students. Ms. Zuha Maryam N. delivered the welcome address, and Ms. Faliha Khurram H.K. introduced the chief guest. Dr. M. Renu, the Principal, delivered the presidential address, highlighting the growing significance of ML in modern technology.

The chief guest, Dr. Arthi, discussed the fundamentals of machine learning algorithms and their applications in real-world scenarios. She explained how these algorithms enable computers to learn from data and make predictions or decisions without explicit programming. The seminar concluded with a vote of thanks at 12:30 PM, followed by the National Anthem. It was an informative and well-received event, attended by 272 students from the Departments of Artificial Intelligence and Data Science.

While Welcoming the Chief Guest

While Presenting the Lecture on Machine Learning Algorithms: Driving Real-World Applications

Focused and participative students

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DEPERTMENT OF ARTIFICIAL INTELLIGENCE
ANNUAL REPORT
ACADEMIC YEAR: 2023-2024

EVENT NAME: Artificial Intelligence Appreciation Day

DATE: 17th July, 2023   **VENUE: Seminar Hall**

To commemorate Artificial Intelligence Appreciation Day which falls on 16.07.2023, a seminar was organized on July 17, 2023 in the seminar hall at 10.00 a.m. The seminar was designed to highlight the importance, future, pros of AI and how data science is incorporated in AI. The seminar started at 10.00 a.m. with prayer, Ms. M. S Anufa Meheraj, II B.Sc Data Science welcomed the gathering. Students from the B.Sc. Artificial Intelligence and B.Sc. Data Science programs delivered PowerPoint presentations on a range of topics. Ms. Asma Tasneem, a second-year B.Sc. AI student and Department Secretary, expressed the vote of thanks. The seminar was attended by 175 students, who benefited from the knowledge shared.
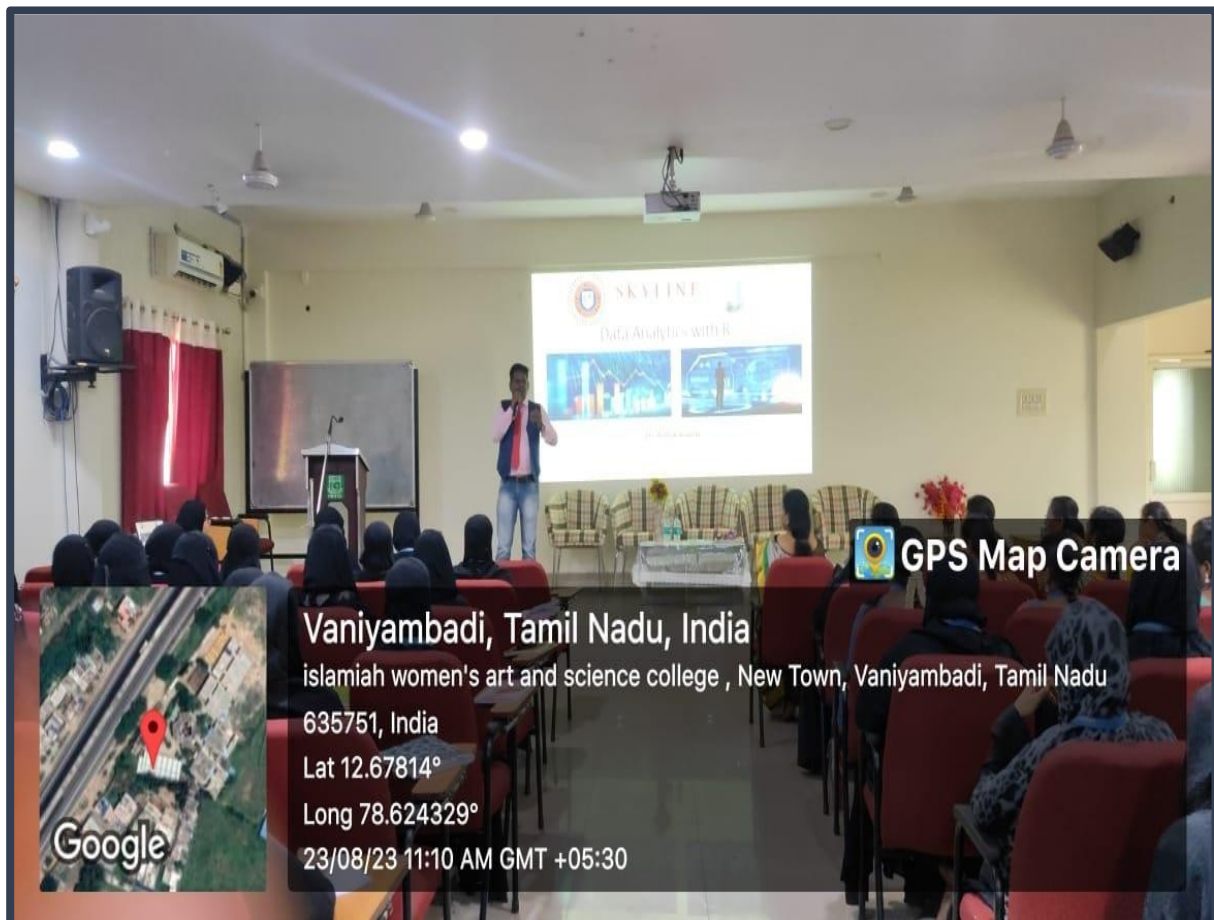
INTERNATIONAL LEVEL SEMINAR

TOPIC OF THE EVENT: 'Data Analytics with R'

DATE: 23ʳᵈ September, 2023   **VENUE: Seminar Hall**

On 23.08.2023, an International Seminar titled "Data analytics with R" was organized in the seminar hall. Dr.M.Ashok Kumar, Faculty of Computer Science and Software Engineering, Skyline University, Nigeria was the resource person. The seminar started at 10.30 a.m. with prayer, Ms K.Sana Tehrim, II B.Sc Data Science and Department Secretary welcomed the gathering and Ms.Afeeya J, Assistant Professor of Artificial Intelligence introduced the guest. Principal Dr. M. Renu felicitated the gathering. Dr. M. Ashok Kumar gave a detailed insight on the topic. Ms. Asma Tasneem, II B.Sc. AI, and Department Secretary proposed vote of thanks.168 students from the department of Artificial Intelligence and Data Science participated and gained knowledge from the seminar. The seminar was ended with National Anthem at 1.30 p.m.

WORKSHOP

TOPIC : Angular Js

DATE   : 02ⁿᵈ January, 2024   VENUE: Seminar Hall

The Department organized Workshop entitled "ANGULARJS" on 02.01.2024 in seminar hall. Mr.T.Prabhakaran, M.Sc.,M.Phil. And Mr.R.Karthik,M.Sc.,M.Phil. Assistant Professors of Computer Application, Sacred Heart College, Tirupattur were there source persons.

The program started at 10.00 a.m. with prayer. Ms. M.S Asma Tasneem II B.Sc. AI, Dept Secretary welcomed the gathering and Ms. M.S.Anufa Mehraj, IIB.Sc. DS introduced the chief guest. The presidential address was given by Dr. M Renu, Principal, Islamiah Women's Arts and Science College, Vaniyambadi. The resource persons gave hands-on training to the students on Angular JS. At the end of the workshop Ms. A. Ashreen Safa II B.Sc. AI proposed vote of thanks. The workshop came to an end at 2.40 p.m. With National Anthem.

82 students and six staff members participated and gained knowledge.

EDUCATIONAL TOUR

DATE: 18th January, 2024   **PLACE: QUEENS LAND**

On January 18, 2024, the department orchestrated an enriching excursion to QueensLand, located in Chennai. The outing comprised 42 students under the supervision of two faculty members. This educational endeavor aimed to provide students with a practical learning experience outside the traditional classroom setting, fostering engagement and deepening understanding in a recreational environment.

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ACADEMIC YEAR: 2022-2023

INTERNATIONAL SEMINAR

TOPIC : Big Data and Data Analytics

DATE : 26ᵗʰ September, 2022   **VENUE: Seminar Hall**

Department of Artificial Intelligence and Data Science jointly organized a one-dayInternational Seminar. Dr. M. Ashok Kumar, a Software Engineering expert and Faculty ofComputer Science from West Africa, Nigeria, was invited as the Chief Guest and keynotespeaker. The information shared by thespeaker was very useful and informative. The total numbers of participants were 92.
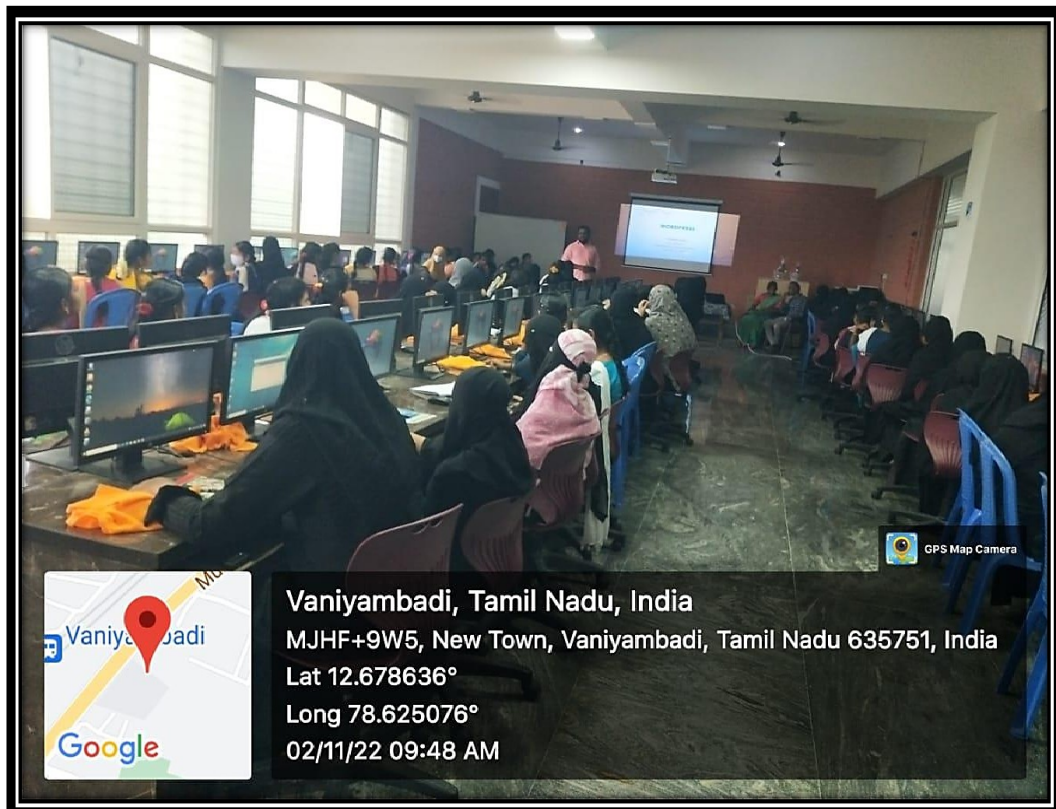
WORKSHOP

TOPIC : Word Press

DATE : 02ⁿᵈ November, 2022   **VENUE: AI & DS Lab**

On November 2ⁿᵈ 2022, Department of Artificial Intelligence and Data Science jointly organized a one-day workshop. Mr. T. Prabakaran, a Faculty member of Computer Science at Sacred Heart College, Tirupattur, was invited as a resource person.

The workshop aimed to equip students and faculty with essential skills for creating and managing websites using WordPress.Mr. Prabakaran guided them through the installation process, theme selection, and basic customization.Participants engaged in a hands-on session where they learned to set up their own WordPress sites. Attendees were introduced to useful plugins that enhance website functionality and learned basic SEO techniques to improve site visibility.The workshop was well-received, with 89 participants expressing enthusiasm for the practical knowledge gained.The workshop concluded with a Q&A session, where participants had the opportunity to clarify doubts and discuss advanced topics related to Word Press.

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NATIONALSEMINAR

TOPIC: Internet of Things with Machine Learning

DATE :11ᵗʰ February, 2023   **VENUE : Seminar Hall**

On 11ᵗʰ February 2023, the Department of Artificial Intelligence and Data Science jointly organized a one-day National Seminar aimed at enhancing the understanding of data analytics among students and faculty. Mr. S. Jagadeesh, a renowned Delivery Manager of the Data Analytics Platform at Tata Consultancy Services (TCS), Bangalore, was invited as the resource person for the event.

The seminar commenced at 11.00am with an inaugural session, where the importance of data analytics in the contemporary technological landscape was emphasized. Mr. Jagadeesh shared insights into industry trends and the growing relevance of data science.He discussed case studies and real-world examples that highlighted the impact of data-driven decision-making.The seminar concluded with an interactive Q&A session, allowing participants to ask questions and engage in discussions. This encouraged a deeper understanding of the topics covered and fostered a collaborative learning environment.

The one-day National Seminar was a resounding success, with 84 participants benefiting from the valuable insights and practical training provided by Mr. Jagadeesh. The event not only enhanced participants' knowledge of data analytics but also inspired them to explore further opportunities in the field.