



KESHAV MEMORIAL ENGINEERING COLLEGE

(A Unit of Keshav Memorial Technical Education (KMTES))

(Approved by AICTE, New Delhi & Affiliated to Osmania University, Hyderabad).



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI & ML)

Report

on

AI Club Inauguration

&

One-Day Guest Lecture on

“Artificial Intelligence: From Inception to Future Innovations”

Conducted on

(11th July, 2024, 10.00 AM onwards)

at

B-Block, III Floor, Auditorium, KMEC

HoD, CSE (AI & ML)

PRINCIPAL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI & ML)

I. Club Inauguration Report:

a) Name of the Club:

“ARTIFICIAL INTELLIGENCE DIGITAL INNOVATORS ALLIANCE (AIDIA)”

b) Logo of the Club:



c) Need of the Club:

The increasing demand for practical and innovative applications in Artificial Intelligence and Machine Learning inspired the formation of the Artificial Intelligence club entitled “**AIDIA: Artificial Intelligence Digital Innovators Alliance,**” a new initiative within the Department.

Inaugurated on **July 11th, 2024**, the event was graced by notable figures including the honorable Principal, Prof. PVN Prasad; Director of Academics, Mrs. Deepa Ganu; Guest Speaker, Prof. P. Naveen Kumar, Professor, Department of ECE, OU; HoD of CSE (AI & ML), Dr. B. Devender, Associate Professor; HoD of CSE, Dr. DVSS Subrahmanyam, Professor; and HoD of H&S, Dr. K. Revathi Lalitha Kumari; along with faculty and students.

AIDIA bridges the gap between theory and practice by providing a platform for students to engage in cutting-edge research, industry projects, and collaborative innovation in AI and ML. The club fosters technological exploration and societal impact through cross-disciplinary collaboration and community outreach. By enhancing learning with workshops, supporting hands-on projects, and



providing essential resources, AIDIA empowers students to apply AI capabilities effectively and promotes collaborative knowledge sharing and professional growth.

d) Vision of the AIDIA Club:

Fostering cutting-edge technology exploration, ethical discourse, and societal impact through cross-disciplinary collaboration and community outreach.

e) Mission of the AIDIA Club:

Enabling students to comprehend, adeptly navigate, and effectively apply AI capabilities, while leveraging their creative prowess to envision future landscapes.

f) Objectives of AIDIA Club:

1. Enhance learning through workshops and lectures.
2. Support hands-on experience with projects and labs.
3. Foster professional growth via networking and mentorship.
4. Promote innovation with startup incubation and challenges.
5. Provide essential resources such as software, tools, and funding.
6. Encourage collaborative learning and knowledge sharing.

g) Association with CSI Chapter:



The Computer Society of India (CSI) is a leading organization that bridges academia and Industry through its extensive network and events. The Artificial Intelligence Digital Innovators Alliance (AIDIA Club) from our college, partners with CSI to advance its AI and ML initiatives by organizing specialized Workshops, Seminars, Hackathons, Guest Lectures, Webinars, Research Collaborations and Networking Events.

This collaboration allows AIDIA club to tap into CSI's expertise, providing members with cutting-edge knowledge and practical experience. The association enhances AIDIA's visibility and credibility within the tech community, offering access to a broad

network of industry experts and valuable career development resources. Members benefit from increased opportunities for their professional growth, networking, and recognition. Overall, the CSI partnership strengthens AIDIA's ability to drive innovation and research, equipping students and professionals with the essential skills and connections to excel in the rapidly evolving fields of AI and ML.

Dr. R. Madhavi, the *CSI Chapter Convener and Assistant Professor in the Department of CSE (AI&ML) at KMEC*, plays a crucial role in supporting the AIDIA Club. She excels in coordinating events and managing resources provided by the CSI Chapter, ensuring that the club has the necessary support and materials for its activities.

She also serves as a key liaison between the AIDIA Club and the CSI Chapter, facilitating effective communication and collaboration between the two entities. Her guidance is instrumental in the successful planning and execution of joint activities, helping to align the club's initiatives with broader objectives and resources available through the CSI Chapter.



h) List of Committees and their Activities:

| Sl. No | Name of the Committee | List of Activities (Planned) |
|--------|--|---|
| 1 | Educational Curriculum Committee | Organizes expert lectures, guest lectures, workshops, seminars, MOOCs and certification courses, and the Student Training and Exposure Program (STEP) to enhance educational opportunities and provide comprehensive learning experiences. |
| 2 | Technology Innovation Committee | Organizes technical workshops, hackathons, software development and testing programs, tech talks, student competitions, tech expos and demos, training on innovative tools and software, and certification programs to foster technological skills and innovation. |
| 3 | Research and Innovation Committee | Organizes Research symposiums (including conferences and journals), Innovation workshops, Technical paper writing, Research projects, and IPR and patent activities. It also conducts Research seminars and Guest lectures, facilitates research collaboration platforms, oversees field research, and manages publications of books and book chapters. Additionally, the committee supports research expos, grant writing, funding, and operates incubation centers. |



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| 4 | Project Management Committee | Oversees project execution, organizes project expos, coordinates internships, manages prototype development, and facilitates project documentation. Additionally, this committee conducts seminars on project management best practices, monitors progress, handles risk management, and ensures quality assurance throughout the project lifecycle. |
| 5 | Cultural Events Committee | Organizes cultural fests and events, social gatherings, art and gallery shows, cultural competitions, heritage and history celebrations, dance and music events, and cultural awareness sessions. |
| 6 | Membership Engagement Committee | Manages recruitment drives, member recognition and awards, networking events, and mentorship programs for new members. It also organizes campaigning programs, member forums and discussions, professional development opportunities, and alumni membership maintenance, while facilitating member interaction programs. |
| 7 | Outreach and Partnership Committee | Focuses on partnership development and management with other Colleges and organizations, community engagement and outreach, and collaborative project coordination. It also handles networking and relationship building, event planning and execution, outreach campaigns and promotions, and partnership evaluation and feedback. Additionally, the committee manages public relations, community service and impact projects, promotional activities, and documentation and reporting. |
| 8 | Editorial and Publications Committee | This committee is responsible for content creation, editorial reviews, and publications management. It coordinates with contributors, oversees design and layouts, and organizes editorial meetings and workshops. The committee also manages collaborative projects, gathers feedback for improvements, archives documentation, and develops editorial policies. Additionally, it stays updated on research and trends in editorial work and handles publications promotions. |
| 9 | Media and Publicity Committee | Handles maintaining media relations, organizing publicity campaigns, and managing social, print, and electronic media. It also oversees event promotions, board management, public engagement, and advertising. The committee focuses on collaborative promotion, developing public relations strategies, gathering feedback for improvements, and managing documentation and reporting. |

i) List of Committee Members and their Responsibilities:

| Sl. No | Name of the Committee | Faculty Advisor(s) | Responsibilities (Proposed) |
|-----------------------------|-----------------------|---|--|
| Leadership committee | | | |
| 1 | President | Dr. B. Devender | <ol style="list-style-type: none"> 1. Leads the club by setting strategic goals and overseeing all committee activities. Plans and executes major events, represent the club externally, and manage resources and budgets. 2. Promoting member engagement, building partnerships, ensuring compliance with bylaws, and promoting innovation. 3. Handles communication, reporting, and mentors committee members to support their growth and prepare future leaders. |
| 2 | Vice President | Mr. Naresh Kumar Pegada | <ol style="list-style-type: none"> 1. Supports the President in setting strategic goals and overseeing committee activities. 2. Assists in planning and executing events, manage day-to-day operations, and stand in for the President when necessary. 3. Promotes member engagement, coordinating with other committees, and ensuring smooth communication and collaboration. 4. Helps in managing the resources and budgets, supports the development of strategic plans, and contributes to member mentorship and growth. |
| 3 | Secretary | Dr. P. Vamsheedhar Reddy & Mrs. D. Padmaja Usha Rani | <ol style="list-style-type: none"> 1. Manages all administrative tasks, including organizing meetings, maintaining records, and handling correspondence. 2. Maintain Effective communication within the club and with external stakeholders, prepare and distribute agendas and minutes for meetings, and manage documentation related to club activities. 3. Supports event planning, coordinates with other committee members, and helps in tracking and reporting on the club's progress and activities. |
| 4 | Treasurer | Dr. R. Madhavi & Mrs. K. Harini | <ol style="list-style-type: none"> 1. Manages the club's finances, including budgeting, tracking expenditures, and handling financial transactions. 2. Prepare and maintain accurate financial records, oversee the allocation of funds, and ensure compliance with financial policies. 3. Provide regular financial reports to the committee, assists in fundraising efforts, and manages financial resources to support the club's activities and events. |

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| 5 | Event Coordinator | <p>Mrs. T. Gayathri</p> <p>&</p> <p>Mrs. K. Harini</p> | <ol style="list-style-type: none"> 1. Plans, organizes, and executing club events, including lectures, workshops, and seminars. 2. Handle logistics such as venue selection, scheduling. 3. Coordination with speakers or vendors. 4. Manages event budgets, oversees the setup and teardown of events, and ensures all aspects run smoothly. 5. Handles event promotion, manage registrations, and address any issues that arise during the event. |
| Executive committee | | | |
| 6 | Educational Curriculum Committee | <p>Mrs. D. Padmaja Usha Rani</p> <p>&</p> <p>Dr. P. Vamsheedhar Reddy</p> | <ol style="list-style-type: none"> 1. Develops and oversees the educational content and programs of the AIDIA Club, which includes organizing expert lectures, guest lectures, workshops, seminars, and MOOCs with certification courses. 2. Manages the Student Training and Exposure Program (STEP), ensuring that educational activities align with the club's goals and provide valuable learning experiences for members. |
| 7 | Technology Innovation Committee | <p>Mrs. K. Harini</p> <p>&</p> <p>Mr. Naresh Kumar Pegada</p> | <ol style="list-style-type: none"> 1. Promoting technological advancements and innovation within the AIDIA Club that includes organizing technical workshops, hackathons, software development and testing programs, tech talks, and student competitions. 2. Manages tech expos and demos, provides training on innovative tools and software, and oversees certification programs to ensure members stay at the forefront of technology. |
| 8 | Research and Innovation Committee | <p>Dr. P. Vamsheedhar Reddy</p> <p>&</p> <p>Mrs. T. Gayathri</p> | <ol style="list-style-type: none"> 1. Encouraging and enhancing the research and promoting the Innovation practices among the students by organizing research symposiums (such as conferences and journals), conducting innovation workshops, and supporting technical paper writing and research projects. 2. Manages IPR (Intellectual Property Rights) and patents, coordinates research seminars and guest lectures, facilitates research collaboration platforms, and oversees field research. 3. Handles the publication of books and book chapters, organizes Research Expos. 4. Supports grant writing and funding, and manages incubation centers. |
| 9 | Project Management Committee | <p>Mrs. T. Gayathri</p> <p>&</p> | <ol style="list-style-type: none"> 1. Oversees the planning, execution, and completion of club projects. 2. Manages project oversight, organizing project |

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| | | Mr. Naresh Kumar Pegada | <p>expos, coordinating internships, and supporting prototype development.</p> <p>3. Handles project documentation, conducts related seminars, and ensures effective project management practices throughout the project lifecycle.</p> |
| 10 | Cultural Events Committee | Mrs. Bhavani Vanama & Dr. R. Madhavi | <p>1. Plans and organizes cultural events such as festivals and art shows, managing logistics, budgeting, and promotion.</p> <p>2. Develop thematic programs, coordinate workshops, and host panels and discussions.</p> <p>3. Designs interactive experiences, handles event registration, ensures compliance with legal and safety regulations, and evaluates event impact.</p> <p>4. Build partnerships with local cultural organizations and businesses to enhance event reach and support.</p> |
| 11 | Membership Engagement Committee | Mr. V. Maddileti Reddy & Mr. Anil Kumar | <p>1. Recruits new members evaluating their interests and eligibility, recognizing and awarding outstanding contributions, and organizing networking events.</p> <p>2. Provides mentorship for new members, run campaigning programs, and facilitate member forums and discussions.</p> <p>3. Offers professional development opportunities, manages alumni membership, and</p> <p>4. Maintains member interaction programs to foster engagement and growth within the club.</p> |
| 12 | Outreach and Partnership Committee | Mrs. Bhavani Vanama & Mr. Shiva Prasad | <p>1. Develops and Manages partnerships, engaging with the community, and coordinating collaborative projects.</p> <p>2. Handles event planning and execution, run outreach campaigns, and maintain public relations.</p> <p>3. Evaluates partnerships, manages promotional activities</p> <p>4. Oversees documentation and reporting to ensure effective engagement and relationship building.</p> |
| 13 | Editorial and Publications Committee | Mrs. D. Padmaja Usha Rani & Mrs. Bhavani Vanama | <p>1. Responsible for content creation, editorial reviews, and managing publications.</p> <p>2. Coordinates with contributors,</p> <p>3. Oversee design and layouts, and organize editorial meetings and workshops.</p> <p>4. Handles collaborative projects,</p> <p>5. Gathers feedback for improvements, archives documentation, develops editorial policies, and</p> <p>6. Manages the promotion of publications.</p> |
| 14 | Media and Publicity | Mr. Shiva Prasad | <p>1. Manages media relations and organizes publicity</p> |

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| | <p>Committee</p> | <p>& Mrs. D. Padmaja Usha Rani</p> | <p>campaigns.</p> <p>2. Handle both Social, Print & Electronic media, oversee event promotions, and manage public engagement.</p> <p>3. Develops public relations strategies, handles advertising and collaborative promotions, and is responsible for feedback, improvements, documentation, and reporting.</p> |
|--|-------------------------|--|--|

j) Inauguration Session Photos:



Fig-1: A student hands a sapling to Dr. B. Devender, President, AIDIA Club as a gesture of appreciation.



Fig-2: Dr. B. Devender, President, AIDIA Club inviting Dr. K. Revathi Lalitha Kumari, HoD, Dept. of H&S



Fig-3: Dr. B. Devender, President, AIDIA Club inviting Prof. PVN Prasad garu, Principal, KMEC



Fig-4: Dr. B. Devender, President, AIDIA Club inviting Prof. P. Naveen Kumar, Professor, Dept. of ECE, OU



Fig 5: Faculty members decorating Goddess Saraswati with flowers for the lamp lighting ceremony.

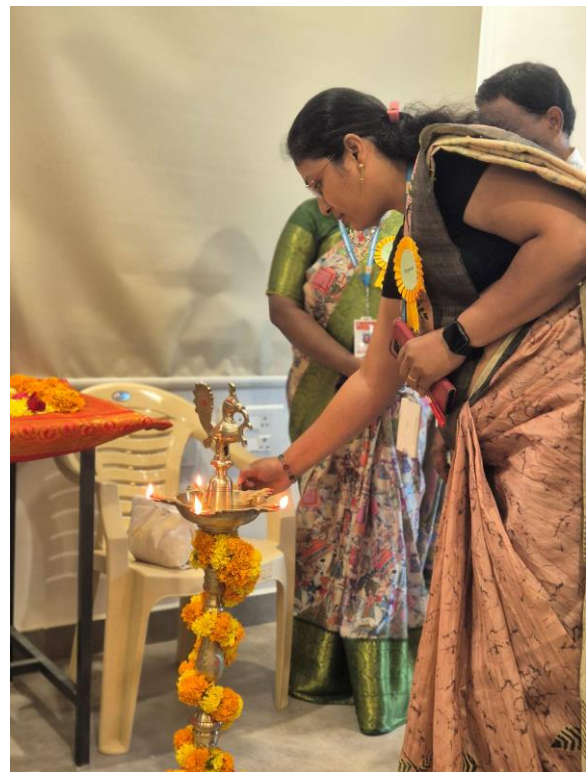


Fig-6: Lightening of the Lamp by dignitaries



*Fig-7: Introduction Speech by Dr. P. Vamsheedhar Reddy,
General Secretary, AIDIA Club*



*Fig-8: Speech by Dr. B. Devender, President, AIDIA Club
and HoD, CSE (AI&ML) Exploring the significance of AI &
ML and the founding purpose of the AIDIA Club.*



Fig-9: Faculty and Students hearing to the speech given by the Dignitaries

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI & ML)

Summary Report

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|----------------------------|---|---|
| Event Title | : | One-Day Guest Lecture on “Artificial Intelligence: From Inception to Future Innovations” |
| Date | : | 11th July, 2024 |
| Venue | : | B-Block, III Floor, Auditorium, Keshav Memorial Engineering College (KMEC) |
| Organized by | : | Dept. of CSE (AI&ML) in association with CSI Chapter |
| Total Student Participants | : | 250 |

On 11th July, 2024, the *Department of CSE (AI&ML)* in association with the *CSI Chapter*, organized a One-Day Guest Lecture titled “**Artificial Intelligence: From Inception to Future Innovations.**” at *Keshav Memorial Engineering College (KMEC)*. The event took place at the *B-Block, III Floor, Auditorium, KMEC* and was attended by students of the CSE (AI&ML) Department. The Total no of Student Participants are **250**.

The lecture was delivered by **Prof. P. Naveen Kumar**, a renowned Professor from the Department of ECE, OU. The session was started with the Inauguration of the Artificial Intelligence Club, followed by introduction speech about the need of club by **Dr. B. Devender**, Head of the Department of CSE (AI&ML) and President of AIDIA Club, who welcomed the speaker and the attendees. Prof. Kumar's presentation covered the evolution of Artificial Intelligence and its future innovations.

The lecture provided insights into key AI concepts, including machine learning algorithms, neural networks, and AI applications across various industries. Prof. Kumar also discussed emerging trends in AI and its potential impact on technology and society. The session included interactive components such as activities and Q&A, allowing students to engage actively with the topic and deepen their understanding of AI.

Guest Speaker Profile:



Prof. P. Naveen Kumar has obtained his PhD in Electronics and Communication from Osmania University. He has published around 120 research publications in various reputed International and National Journals/conferences. He has also successfully completed several major and minor research projects from Space Applications, ISRO, Dept. of Science and Technology, World Bank TEQIP etc.



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He has established in Osmania University, an "Advanced GNSS Research Laboratory in collaboration with ISRO, which was inaugurated by then Chairman ISRO - Shri A.S.Kirankumar in the year 2017. He is instrumental to initiate a New Osmania TV, which is the 1st university in the Country to have its own Satellite TV broadcasting Channel for transmitting its Education content. He is the Nodal officer for several MoUs with Osmania University such as CMET, OTH University Germany, ISRO and TSAT, Govt. of Telangana etc.

He has over 25 years of teaching, research and administrative experience and guiding several PhD scholars. Several of them were awarded too. He has visited several countries including USA, JAPAN, GERMANY, MALAYSIA, OMAN, ITALY, VATICAN CITY, and CZEKREPUBLIC on various academic assignments. He has received several - CHSN YOUNG RESEARCHER AWARD, BEST RESEARCHER AWARD, BEST RESEARCH PAPER AWARD, BEST ACADEMIC RESEARCH AWARD etc.

He is on several boards of National importance including in National Remote Sensing Center, NGRI, AP State vigilance, RCI, DRDO, Universities etc. He is fellow member of various Professional societies - FIETE, FIE and Member of other bodies such as MBES, MIACST, MISOI etc. He is currently the Director (Infra), Director (Estate Cell), Chairperson BOS(University) and Professor of Electronics and Communication Engineering, University College of Engineering, University.

Topics addressed in Guest Lecture:

- Evolution of Artificial Intelligence
- Historical Milestones in AI Research
- Key AI Concepts
- Machine Learning Algorithms
- Neural Networks
- AI Methodologies and Frameworks
- AI Applications Across Industries
- Emerging Trends in AI
- Future Innovations
- AI in Emerging Technologies (e.g., Quantum Computing)
- Impact on Technology and Society
- AI Ethics and Responsible AI
- Human-AI Collaboration and Augmentation



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- AI Policy and Regulation
- Sample Case Studies of AI Implementations

Outcome of the Session:

- At the end of the session, the students gained a deeper understanding of AI's evolution, key concepts, and future trends.
- They were exposed to real-world applications and ethical considerations, actively engaged through interactive activities and Q&A, and left inspired to explore further into the field of AI.

Program photographs:



Fig-10(a)



Fig-10(b)



Fig-10(c)



Fig-10(d)

Fig 10(a), 10(b), 10(c), 10(d): Prof. P. Naveen Kumar, delivering the lecture on the Evolution of AI and future growth prospects.



Fig-10(e)



Fig-10(f)

Fig 10(e), 10(f): The Student Participants hearing to the Lecture given by the Guest speaker.



Fig-10(g)



Fig-10(h)

Fig 10(g), 10(h): Felicitation of Guest Speaker, Prof. P. Naveen Kumar by Prof. PVN Prasad, Principal KMEC and all department HoD's



Fig-11: Vote of Thanks given by Mrs. V. Bhavani, Assistant Professor, Dept. of CSE (AI&ML), KMEC



Fig-12: A photo of the women faculty was taken at the end of Successful inauguration of AIDIA Club.



Fig-13: Group Photo Session with Guest Speaker, Principal & HoDs, Faculty and Student Volunteers



Fig-14: Group Photo of all AIDIA Club Committee Members



Fig-15: Group photo of student volunteers who supported in successful organizing of the event.

Schedule for the One-Day Guest Lecture on “Artificial Intelligence: From Inception to Future Innovations”

(11/07/2024)

| Sl. No | Session Timings | Event Description | Venue |
|---|----------------------|--|--|
| 1 | 10:00 AM | Event starts by 10.00 AM | KMEC Auditorium, (B-Block, III Floor) |
| 2 | 10.00 AM to 10.05 AM | Welcoming and Introductions:- The anchors, Ms. Maria Rishitha and Ms. Nandini, welcomed the students, faculty, and guests to the event. The Guests are invited to the dais by Dr. B. Devender, HoD, Dept. of CSE (AI & ML) and presented with saplings as part of the ceremony. | |
| 3 | 10.05 AM to 10.15 AM | Ceremonial Start:- The ceremony began with the guests lighting the lamp, followed by a prayer song performance to set the tone for the event. | |
| 4 | 10.15 AM to 11.05 AM | Opening Speech:- The General Secretary, Dr. P. Vamsheedhar Reddy , delivered an introduction speech about the club and its operations. This was followed by speeches from all the guests on the importance and future of AI. | |
| 11.05 AM to 11.15 AM: Break (10 min) | | | |
| 5 | 11.15 AM to 11.20 AM | Guest Lecture Session:- The guest speaker, Prof. P. Naveen Kumar , was introduced, highlighting his expertise and contributions to the field. | |
| | 11.20 AM to 12.50 PM | The lecture was delivered by the guest speaker, Prof. P. Naveen Kumar , on "Artificial Intelligence: From Inception to Future Innovations" | |
| 6 | 12.50 PM to 01.10 PM | Student Feedback and Guest Felicitations:- Students shared their opinions about the session during the interaction with the Speaker. The Guest was honored with a shawl and memento, presented with appreciation by the Principal, Director of Academics and all department HoDs. | |
| 7 | 01.10 PM To 01.15 PM | Vote of Thanks and Photos Session The vote of thanks, acknowledging the guests, sponsors, and attendees, was delivered by Mrs. V. Bhavani , Assistant Professor, Dept. of CSE (AI & ML), KMEC, and some Memorable photos with the Guest Speaker was taken at the end. | |

Coordinator
(Mr. P. Naresh Kumar)

HoD
(Dr. B. Devender)

Principal
(Prof. PVN Prasad)



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Impact of the Session:

The guest lecture on "**Artificial Intelligence: From Inception to Innovation**", conducted on 11th, July, 2024, significantly impacted students by providing a thorough understanding of AI's evolution, key concepts, and applications. It covered topics like machine learning, neural networks, emerging trends, and ethical considerations, equipping students with both theoretical knowledge and practical insights into AI's future and its societal impact.