

A Report on One-day Seminar on "Deep Learning (AI) in AgriTech and Healthcare" In association with the IEEE Information Theory Society Student Chapter on 25.03.2025



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
 (UGC - AUTONOMOUS INSTITUTION)
 Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

Department of Computer Science and Engineering
 (Artificial Intelligence and Machine Learning)
 organizes

One - day seminar on
" Deep Learning (AI) in AgriTech and Healthcare "
 in association with the IEEE Information Theory Society Student Chapter

Date : 25/03/2025 **Venue : Seminar Hall - A**

Resource Person
Dr. Kumar Rajamani
 Associate Director at Cropin Technologies Private Limited,
 Bengaluru.

Chief Patron Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	Patron Mrs. Keerthi Nadella Executive Director	Program Chair Dr. C. Yuvaraj Principal	Convener Dr. S. Padma Assoc. Prof. & Head	Program Coordinator Dr. E. Sandhya Assistant Professor
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Report Submitted by: Dr. E. Sandhya, Assistant Professor, Department of CSE (AI and ML).

Resource Person Details: Dr. Kumar Rajamani, Associate Director, Cropin Technologies Private Ltd, Bengaluru.

Participants: II Year CSE (AI and ML) and I Year CSE (AI and ML) Students

Venue: Seminar Hall A

Mode of Conduct: Offline

Report Received on 28.03.2025.

Department of Computer Science & Engineering (AI and ML) has organized a Seminar to the students titled "One Day Seminar on **Deep Learning (AI) in AgriTech and Healthcare** " on **March 25, 2025**.

Welcome Address:

The event began with a warm and engaging welcome address by Dr. E. Sandhya, Assistant Professor in the Department of CSE (AI and ML) at Madanapalle Institute of Technology & Science (MITs), Madanapalle. Mr. Lakshmi Sagar and Mr. Bhanu Prakash, second-year CSM students, presented a brief introduction of the resource person's profile. The objective of the event was to explore the potential of deep learning technologies in driving innovation and enhancing efficiency, accuracy, and outcomes in the AgriTech and Healthcare sectors. The seminar highlighted the unique opportunities for innovation and progress emerging within the field of deep learning.

Keynote Address

Dr. S. Padma, Associate Professor and Head of the Department of CSE (AI and ML) at Madanapalle Institute of Technology & Science (MITs), Madanapalle, welcomed the resource persons during her keynote address and encouraged students to delve into the recent advancements. Dr. Ramanathan, Vice Principal (Academics) at MITs, Madanapalle, emphasized the importance of deep learning across diverse domains. He motivated students to gain valuable insights from the seminar and inspired them to apply deep learning concepts when seeking future internships.

Resource Person Lecture:

Dr. Kumar Rajamani, Associate Director at Cropin Technologies Pvt. Ltd., Bengaluru, commenced the session by sharing his professional journey, including his experience mentoring the research team at Philips Research in developing state-of-the-art Deep Learning and Machine Learning algorithms.



During the session, he addressed the following key points:

1. He presented a range of innovative project ideas spanning healthcare, agriculture, software development, large language models (LLMs), natural language processing (NLP), and other domains.
2. He introduced prominent researchers in the field of deep learning, highlighting their contributions and impact.
3. He provided a concise overview of deep learning and outlined a structured roadmap for students to progress from foundational to advanced levels in the field.
4. He recommended several authoritative textbooks on deep learning to help students strengthen their theoretical and practical knowledge.
5. He encouraged students to identify real-world problems and adopt a creative, solution-oriented mindset to address them effectively.
6. He also discussed recent advancements in AI tools and emphasized their relevance in driving research and innovation.

Vote of thanks:

The seminar concluded with a heartfelt vote of thanks delivered by Dr. E. Sandhya, Assistant Professor in the Department of CSE (AI and ML). She sincerely acknowledged the resource person for generously sharing his expertise. The resource person was felicitated by Dr. S. Padma and Dr. P. Ramanathan. Dr. Sandhya also extended her gratitude to the Head of the Department, the Principal, and the Management for their invaluable support in organizing the seminar.



Outcomes:

At the end of Seminar, Students will be able to

1. Gain exposure to innovative project ideas across various domains.
2. Build a roadmap in mastering deep learning.
3. Think creatively and solution-oriented approach to real-world problems.

UN-SDG Mapping:

1. SDG 3 – Good Health and Well-being
2. SDG 4 – Quality Education
3. SDG 9 – Industry, Innovation and Infrastructure

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MITS hosts seminar on Deep Learning in Agritech and Healthcare



Dr Kumar Rajamani, Associate Director at Cropin Technology Solutions Private Limited, Bengaluru, speaking at a seminar in MITS, Madanapalle, on Thursday

HANS NEWS SERVICE
MADANAPALLE

MADANAPALLE Institute of Technology & Science (MITS) successfully organised a seminar on 'Deep Learning (AI) in Agritech and Healthcare' under Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning) here on Thursday.

Dr. Kumar Rajamani, Associate Director at Cropin Technology Solutions Private Limited, Bengaluru, with his expertise in medical deep learning and advanced image segmentation using attention mechanisms, shared valuable insights into real-world applications across healthcare, agriculture, and software development.

Encouraging students to pursue innovative research, he provided guidance on mastering deep learning concepts and introduced notable researchers in the field.

The seminar, attended by Dr P Ramanathan, Vice-Principal of MIT; Dr Padma, Head of the Department; faculty members, and students, offered a comprehensive understanding of the latest advancements in Artificial Intelligence.

Hans India Classifieds

CHANGE OF NAME

I, SYEDA AMENA BUSHRA BUKHARI (OLD NAME) D.NO. 12-385, RAHAWATI-KULLA ST, GADAPA, YSR DIST. AP HERE CHANGE MY NAME AS SYEDA AMENA BUSHRA BUKHARI (NEW NAME)
 I/O SYED MOHAMMED NOORALAM. -HENCEFORTH I MAY BE CALLED AS SYEDA AMENA BUSHRA BUKHARI.

(TH. HEERALAL)

I, VAGETI NISANTH KUMAR REDDY (OLD NAME) R/O. D.NO. 21/18 S. UPPARAPALLE, RLY KODURU (M. ANNAMAYYA (DT), A.P., HERE BY CHANGED MY NAME AS VAGETI NISANTH (NEW NAME), S/O. VAGETI RAMIA SUBBAREDDY.

(TH. -44600)

I, Bukke Malleswari (OLD NAME), D.No. 2-619, Balaji Nagar, T sundupalli, Annamalah DISTRICT, A.P., HAVE CHANGED MY NAME AS Mude Malleswari (NEW NAME), w/o bukke Sreeramulu Naik.

(TH. -44600)

CHANGE OF NAME

I, BANA PADMAVATHI, W/o Bana Venkata Subbareddy Resident of D.No.21/1244, Nagalakatta Street, Jammalamadugu Town and Mandal, YSR Kadapa District, A.P. I Am worked as NK Service No.14805906M, In My Army Records My Wife Name Wrongly Entered As Smt. Padmavathi, Correct Name is BANA PADMAVATHI as per adhar.

(TH. 2345)

PASSPORT MISSING

Repana lavanya W/o R Nagabhusana Address: Kondalathurupu, Gundlupalli (vi & po) T. Sundupalli (m) Annamayya (Dist) A. p., I am going sundupalli bustand to zerox center, that we lost my passport
 No S 4751577 many places serching me no result any place findout pl inform above address

(TH. HEERALAL)

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PAPPURI SUBBARAYUDU, S/o PSUBBARAYUDU, RANK SUB. ARMY No. JC 3825900, No. 16/104, SARVAKATTA STREET, PRODDATUR, (V.P.O.-MOSSY KADAPA (DIST) 516360. MY ARMY RECORD PARENTS NAME & DOB MENTION AS PSUBBARAYUDU & DOB 01-01-1942 (FATHER, NAGALAXMI & DOB 01-07-1967 (MOTHER) INSTEAD OF PAPPURI SUBBARAYUDU & DOB 01-01-1948 (FATHER), PAPPURI NAGALAKSHMI MAMMA & DOB 01-01-1948 (MOTHER) YIDE AFFIANNT DATED 26/03/2025. BEFORE THE NOTARY PUBLIC (GOVT OF A PL.

(TH. HEERALAL)

CHANGE OF NAME

I, Kalluri Venkata Chalaphathy(Old name) S/o Kalluri Siddappa, Plot No.55, D.No.4-8-123, Ramakrishna Nagar, Near Water Tank, Nawabpet, Nellore, SPSR NELLORE DISTRICT, A.P. I have changed my name as Kalluri Venkata Chalaphathy S/o Siddappa. Henceforth, I shall be known as Kalluri Venkata Chalaphathy (new name)

(TH. MADAN)

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