Nagarjuna Education Society

Nagarjuna College of Engineering and Technology®

NAGARJUNA
COLLEGE OF ENGINEERING & TECHNOLOGY

SHABDKOSH

The news letter collection of the

Dept. of CSE (AI & ML)

2024 -25

Vision of Institute: Leadership and Excellence in Education.

Mission of Institute: To fulfill the vision by imparting total quality education replete with the philosophy of blending human values and academic professionalism.

Vision of Department: To be at the frontier of Artificial Intelligence and Machine learning with a focus on innovation, industry needs and to produce global professionals contributing to society.

Mission of Department

1. Provide a state-of-the-art curriculum and infrastructure to deliver high- quality education in Artificial Intelligence and Machine Learning.
2. Promote high-quality research and higher education through strong collaborations between industry and academia.
3. Inculcate professional ethics and encourage sustainable solutions for addressing societal challenges.

Programme Educational Objectives (PEOs)

PEO1: Graduates of the program will pursue successful careers in the IT, Artificial Intelligence, and Machine Learning industries.

PEO2: Graduates will be equipped with the knowledge and skills required to excel in postgraduate education.

PEO3: Graduates of the program will design and implement computing solutions that address real-world challenges and societal demands.

Programme Specific Outcomes (PSOs)

PSO1: Apply the the principles of cognitive computing, artificial intelligence, and machine learning to design and develop intelligent systems in the domain of AI & ML engineering.

PSO2: Exhibit strong computational knowledge, hands-on proficiency, and innovative thinking in the field of Artificial Intelligence and Machine Learning.

PSO3: Utilize modern technologies and approaches to effectively solve real-world problems in Machine Learning, Deep Learning, Computer Vision, and NLP.

1. Date : 21-09-2024

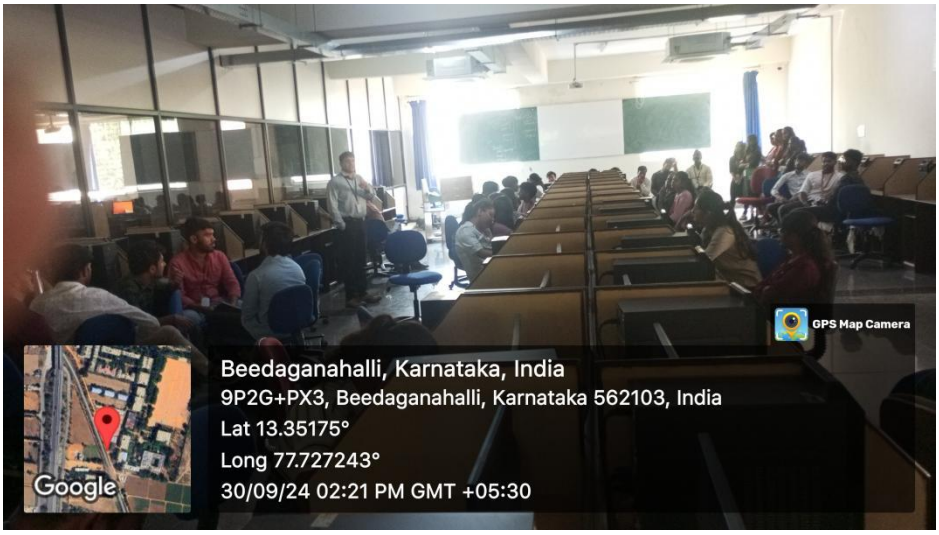
Students of Dept. of CSE(AI & ML) completed the Students development training programme on the Unity 3D fundamentals in association with ARK Info solutions Pvt ltd. Resource person Mr. Mohith Vamsi guided the students on the AR/VR techniques.

2. Date: 23-09-2024

Dept. of CSE(AI & ML) students attended the 2020 batch graduation day ceremony and received their convocation certificates.

3. Date: 30-09-2024

Mr. Sanath Kumar K R, Associate Professor, Dept. of Civil Engineering gave a talk on the "Blood donation and its importance" target audience 5th semester AI & ML dept.

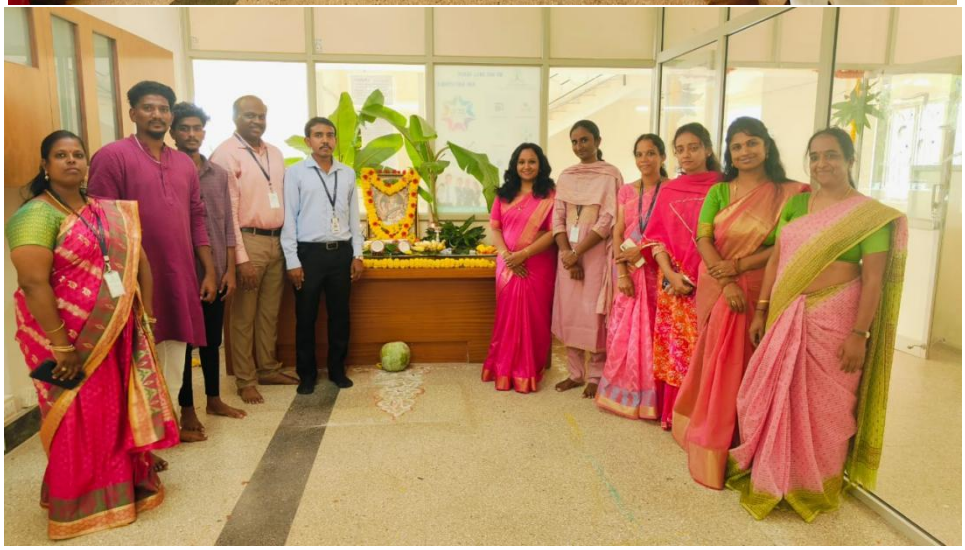


4. Date: 04-10-2024

Faculties of AI & ML dept. involved in the "Navaratri" celebration at NCET campus. The celebration starts from 03-10-2024 to 09-10-2024.

5. Date: 10-10-2024

Faculties of AI & ML dept. organized the “Ayudha Pooja” celebration at NCET campus. The Director, Principal and other staffs of the college involved in the celebration.



6. Date: 17-10-2024

Faculties of AI & ML dept. involved in the “Valmiki Jayanthi” celebration at NCET campus.

7. Date: 18-10-2024

Dr. Lohith J J, Professor & Head, Dept. of CSE(AI &ML) received Excellence in Research award at the award felicitation ceremony held at Radisson Blu Dwaraka, New Delhi.

8. Date: 29-10-2024

Faculties of AI & ML dept. attended the Institutional Ethics committee meeting and discussed the various activities planned as a part of departments visit.

9. Date: 09-11-2024

Dept. of CSE(AI & ML) organized the Invited technical talk on "Accelerating Deep learning workloads with GPUs and FPGAs" on 09-11-2024.

10. Date: 09-11-2024

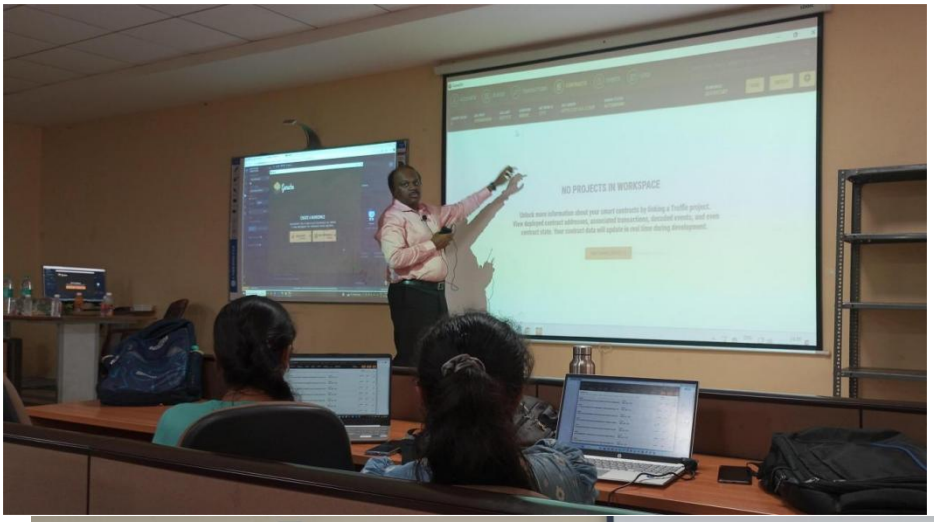
Faculties of AI & ML dept. went for team lunch on 09-11-2024 near Devanahally.

11. Date: 11-11-2024

Mr. Manjunath K N, Dept. of CSE(AI & ML) received the best teacher award for the significant contribution for the innovative teaching methods.

12. Date: 14-11-2024

Faculties of AI & ML dept. Dr. Lohith J J & Mr. Manjunath K N are invited as resource person for the Invited talk on the "Introduction to Ethereum and Smart Contract" held at Bangalore Institute of Technology, Bengaluru.



13. Date: 14-11-2024

Faculties of AI & ML dept. Participated in the “Kannada Rajyotsava” celebration held at NCET campus.

14. Date: 29-11-2024

NCET dance team coordinated by AI & ML dept. faculty Dr. Rashmi P Karchi has secured first prize at Kalaa vaibhava - 2024 event held at SVCE, Bengaluru.

15. Date: 29-11-2024

Technical training classes started for the NCET students under the guidance of Dr. Lohith J. J, Professor & Head, CSE(AI & ML) dept.

16. Date: 30-11-2024

Dept. of CSE(AI & ML) organized the Invited technical talk on “From Engineer to Entrepreneur: Making the leap” on 30-11-2024.

17. Date: 07-12-2024

Mr. Satvik Varun, 5th semester student of AI & ML dept. Participated in the SPARC sponsored Five days workshop organized by NIT, Tiruchinapalli.

National Institute of Technology, Tiruchirappalli
&
Scheme for Promotion of Academic and Research Collaboration

SPARC
Scheme for Promotion of Academic and Research Collaboration

PARTICIPATION CERTIFICATE

This is to certify that

SATVIK VARUN

has participated in the **SPARC Sponsored Five-Day Workshop on**

"Side Channel Attacks and Blockchain Technology"

from **03rd to 07th December 2024**, organized by the **Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli.**

Dr. Kunwar Singh
Coordinator and Indian Faculty
Associate Professor and Head
Dept. of CSE, NIT Tiruchirappalli, India

Prof. Shishir Nagaraja
Chief Guest and Foreign Faculty
Chair of Cybersecurity
University of Newcastle, England, UK

18. Date: 09-12-2024

Faculty of AI & ML dept. Mr. Manjunath K N presented the conference paper at IITM Gwalior and recognized as reviewer for the IEEE event at AGM Rural college of Engineering and Technology, Hubballi.

S.D.M Jain matt Trust ®
A.G.M RURAL COLLEGE OF ENGINEERING AND TECHNOLOGY, VARUR
Navagrah Teerth, NH-4 P. B. Road, VARUR-581207, Hubballi, Karnataka, India
IEEE IEEE BANGALORE SECTION
REVIEWER CERTIFICATE
This is to certify that
Dr. /Prof. MANJUNATH K N of
Nagarjuna College of Engineering and Technology
for serving as a reviewer in the event 'Technical Paper Presentation' held on 14th November 2024
organized by the IEEE student branch, A.G.M Rural College Of Engineering and Technology, Varur.
PROF. RESHMA YELLAPUR
Organizer and Branch Councellor
IEEE Student Branch
Dr. KUNJAN D SHINDE
Organizer and Faculty Advisor
IEEE student branch
PROF. SANDEEP KYATANAVAR
Director

Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior
IEEE INSPEC
International Conference on
Intelligent Signal Processing and Effective Communication Technologies
CERTIFICATE
of Presentation
This certificate is proudly awarded to
MANJUNATH K N
for presenting paper titled Novel Artificial-Intelligence based Navigation Modelling for Unmanned Vehicular System
International Conference on Intelligent Signal Processing and Effective Communication Technologies,
held on 07 - 08 December, 2024, at ABV-IIITM Gwalior.
Dr. I. A. Ansari
Conference Chair
Dr. Vinal Patel
Conference Chair

19. Date: 09-12-2024

Ms. Keerthi, AI & ML dept. student selected for Special National Integration Camp which was held at NCC directorate, Wokha, Nagaland.

20. Date: 10-12-2024

Dept. of CSE(AI & ML) organized the session “From theory to practice: A deep dive into databases”, Resource persons Dr. Latha NR and Dr. Pallavi G B from BMSCE.

21. Date: 14-12-2024

Dr. Lohith J. J, Professor & Head, CSE(AI & ML) dept. represented as a speaker for the National conference on EWASH - 2024 organized at VTU, Muddenahalli.

22. Date: 18-12-2024

Dept. of CSE(AI & ML) organized the food festival as a part of UHV activities in the dept. premises, Students served the staffs by preparing the unique dishes. Faculty coordinator Prof. Shivalila.

23. Date: 19-12-2024

Dept. of CSE(AI & ML) & IEEE student branch, NCET in association with IEEE Bangalore section organized the three days student development programme on " Building Bots: A Hands-on RPA"

24. Date: 20-12-2024

Students of dept. of CSE(AI & ML) students participated and won the Bull and Code competition conducted by Techfest, IIT Bombay.

25. Date: 20-12-2024

Students of CSE(AI & ML) dept. won the championship in NCET Inter dept cricket tournament.The final was held on 20-12-2024.

26. Date: 23-12-2024

The 3rd semester AI & ML dept. students participated in the Industrial Visit at GKVK campus, they explore and learn about the sustainable practices in the waste management. This inspires the students to integrate AI & ML in eco friendly initiatives as part of UHV. Faculty coordinator Prof. Shivalila.

27. Date: 23-12-2024

Dept. of CSE(AI & ML) organized the Invited talk on "Opportunities for Higher education and Research in United States, Resource person Dr. Bharatesh Chakravarthy from Arizona state University.

28. Date: 27-12-2024

Ms. Keerthi, AI & ML dept. student successfully completed the Special National Integration Camp which was held at NCC directorate, Wokha, Nagaland and earned Gold Junior Under officer rank.

29. Date: 28-12-2024

Parents - Teacher meeting held at the college, the academics performance, attendance status of the students of AI & ML dept. was discussed. Feedback from the parents are collected.

30. Date: 28-12-2024

Dept. of CSE(AI & ML) students participated in the Prakalpa -2024 Mini project competition and exhibition and awarded with the prizes.

31. Date: 11-01-2025

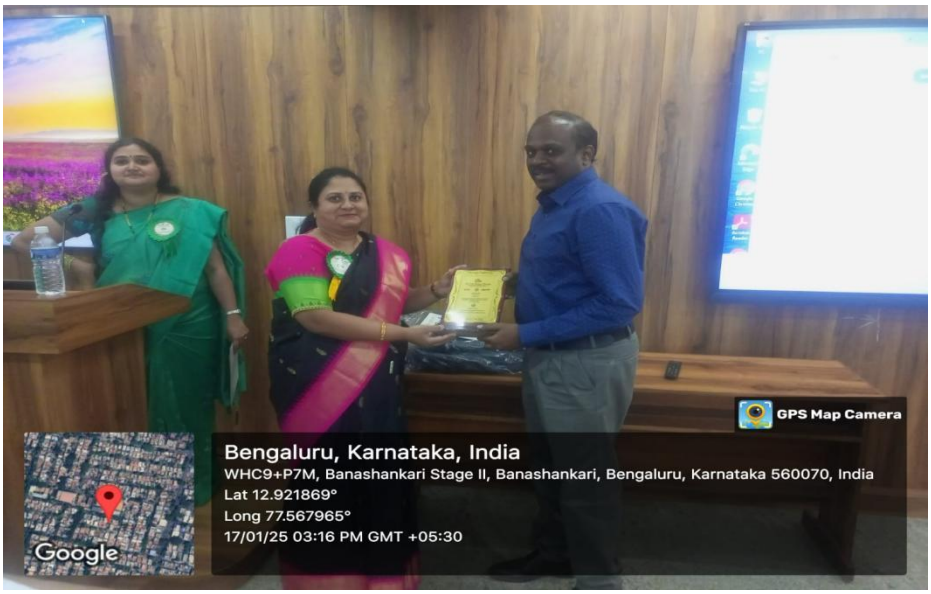
Dept. of CSE(AI & ML) students participated in the final year projects competition and exhibition Prakalpa - 2025 and demonstrated their projects from different domain. Dr. Anitha J, Professor, Dept. of CSE, RVITM invited as the Judge for the event.

32. Date: 14-01-2025

Dept. of CSE(AI & ML) faculties and students involved in the Sankranthi festival celebration at NCET campus.

33. Date: 17-01-2025

Dr. Lohith J J, Professor & Head, Dept. of CSE(AI & ML) invited as a session chair for the International conference at BNMIT, Bengaluru.



34. Date: 21-01-2025

Prize distribution ceremony for the AI & ML dept. students who got the top scores in project competition Prakalpa-2025.

35. Date: 11-02-2025

Dept. of CSE(AI & ML) conducted the BOS meeting for the Even semester of 2024-25 academic year, the committee experts gave the valuable suggestions for the holistic development of the department.

36. Date: 11-02-2025

Mr. Riteesh S, Ms. Pruthvi R M and Ms. Sejal D of AI & ML department secured the placement in the Tech Mahindra Pvt ltd.

37. Date: 14-02-2025

Ms. Shammitha of AI & ML department secured the placement in the Infosys ltd.

38. Date: 15-02-2025

Mr. Aditya Raosab Magadum, student of AI & ML department presented the paper in the 7th International Conference on Communication and Computational technologies held during February 14 - 15, 2025 under the guidance of Dr. Lohith J J and Dr. Ajay Kumar Dwivedi.

Springer

NFSU

विद्यया अमृतं अश्नुते

FIU

SOFT COMPUTING RESEARCH SOCIETY

S C R S

7th International Conference on Communication and Computational Technologies

organized by

National Forensic Sciences University Goa Campus, India

and

Florida International University, Miami, FL, USA

CERTIFICATE OF PRESENTATION

This is to certify that

Aditya Raosab Magadum

has presented the paper titled "A Secure IoT-Based Medicine Management System for Educational Institutes" authored by Deeksha K N, Aditya Raosab Magadum, Sneha R, Lohith J J, Ajay Kumar Dwivedi in the 7th International Conference on Communication and Computational Technologies (ICCCT 2025) held at National Forensic Sciences University Goa Campus, India during February 14-15, 2025.

SCRS/ICCCT2025/PC/850

Dr. Lokesh Chouhan
General Chair

ICCCT 2025 Presentation Certificate

Prof. Sandeep Kumar
General Chair

https://scrs.in/conference/iccct2025

39. Date: 25-02-2025

Dept. of CSE(AI & ML) students participated in the National level technical project exhibition and competition at Saintgits College of Engineering and Technology, Kottayam, Kerala.

Saintgits College of Engineering (Autonomous)
Kottayam, Kerala | www.saintgits.org

SAINTGITS
LEARN GROW EXCEL

SRISHTI 2025

11TH NATIONAL LEVEL TECHNICAL
PROJECT EXHIBITION & COMPETITION
THEME : INNOVATIONS FOR A SUSTAINABLE INCLUSIVE FUTURE
24 & 25 FEBRUARY 2025

Certificate of Participation

This is to certify that students of
Nagarjuna College of Engineering and Technology, Bengaluru
has participated and exhibited the project titled Automated Crop Protection System Using AI
guided by Dr./Mr./Ms. Manjunath KN
in SRISHTI 2025 held at Saintgits College of Engineering (Autonomous), Kottayam on
24, 25 February 2025.

Award Sponsors
ANSYS ENTUPLE MathWorks cadence SOLIDWORKS MatterLab
Conceptia KONNECT FLOORMATE INSTITUTION'S INNOVATION COUNCIL SCIE tvasta
KERALA STARTUP MISSION interCAD systems pvt. ltd.

Dr. Ajith Ravindran
Chief Coordinator

Dr. Sudha T
Principal

LEARN . GROW . EXCEL

40. Date: 06-03-2025

Algorand Blockchain Club launched in the NCET campus, Mrs. Aakanksha Bedi, Regional Ambassador, Bengaluru of Algorand Bharat inaugurated the club and gave a overview on the opportunities and the events dedicated for the student developers.

NAGARJUNA
Devanahalli Post,
Bengaluru, Karnataka,
562110
Algorand
Bharat
Step into Blockchain's Future!
Join the Algorand Blockchain Club today!
DEPT OF CSE(AI&ML) NCET
Date : March 6 2025
Venu : Main block seminar hall NCET
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41. Date: 08-03-2025

AI & ML dept. faculties participated in the International Women's day celebration event held at NCET campus and involved in the cultural activities.

42. Date: 24-03-2025

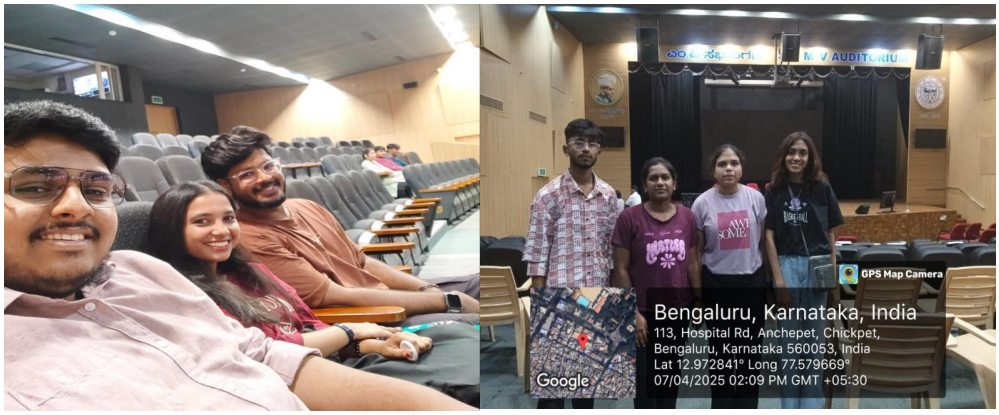
AI & ML dept. students participated in the 24th VTU youth festival "Interact - 2025" organized at Global Academy of Technology, Bengaluru

43. Date: 05-04-2025

AI & ML dept. students participated and won the runners up prize in the Spike & Shoot basket ball championship held at NCET campus.

44. Date: 07-04-2025

AI & ML dept. students participated in the first knowledge workshop of Manthan 2025 - Business Plan competition organized by FKCCI, Bengaluru.



45. Date: 10-04-2025

Faculties of AI & ML department involved in the Sri Ramanavami celebration in the Main Block.

46. Date: 25-04-2025

AI & ML dept. students Mr. Darshan Krupa and Ms. Boya Madhuri secured placement in the Deloitte.

47. Date: 02-05-2025

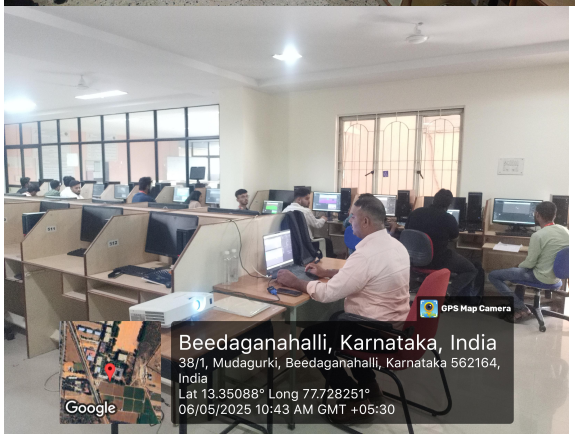
Mr. Manjunath K N, faculty of AI & ML dept. Presented the paper in the ICRCET conference.

48. Date: 05-05-2025

AI & ML dept. students Mr. Chirantan V and Ms. Madhuri Nagoti secured placement in the [24] 7.ai.

49. Date: 09-05-2025

The student development programme on certification based Unity training held at NCET campus and the selected 30 students are trained with the Unity 3D advanced concepts. Resource person Mr. Rameshkumar Kalimuthu from ARK Info solutions.



50. Date: 12-05-2025

Dept. of CSE(AI & ML) organized the experts session on “Empowering the future with AI”, Resource person Dr. Indiramma M, Professor & Head, Dept. of AI & DS, BMSCE and Mr. Madhuchandra, creative director and Freelancer.

51. Date: 19-05-2025

AI & ML dept. student Mr. G Tejesh secured placement in the Artech Info systems Pvt Ltd.

52. Date: 21-05-2025

Mr. Manjunath K N, faculty of AI & ML dept. Invited as a Resource person for the Invited technical talk on the " Application of AI & ML techniques in Civil Engineering" at Main Block seminar hall.

53. Date: 24-05-2025

Parents - Teacher meeting held at the college, the academics performance, attendance status of the students of AI & ML dept. was discussed. Feedback from the parents are collected.

54. Date: 30-05-2025

Dept. of CSE(AI & ML) organized the AI Expo as a part of CCE, The fourth semester students showcase their knowledge by implementing the projects in AI domain.

55. Date: 31-05-2025

AI & ML dept. students participated in the TORII induction programme and gain the knowledge and the opportunities in different domains like Full stack web development, data analytics, AWS etc.

56. Date: 04-06-2025

Dr. Lohith J J, Professor & Head, Dept. of CSE(AI & ML) invited as a Resource person for the one week online short term course.

57. Date: 13-06-2025

AI & ML dept. students Mr. Riteesh M and Ms. K R Bhoomika secured placement in the Conduent.

58. Date: 17-06-2025

AI & ML dept. Student Ms. K R Bhoomika secured placement in the iOPEX

59. Date: 28-06-2025

Faculties of AI & ML dept. went for team breakfast on 28-06-2025 near Devanahally.

60. Date: 30-06-2025

AI & ML dept. students successfully completed the Unity certification global examination.

61. Date: 01-07-2025

Mr. Dharshan Krupa AI & ML dept. student successfully completed the VTU B.E honors programme.

62. Date: 18-07-2025

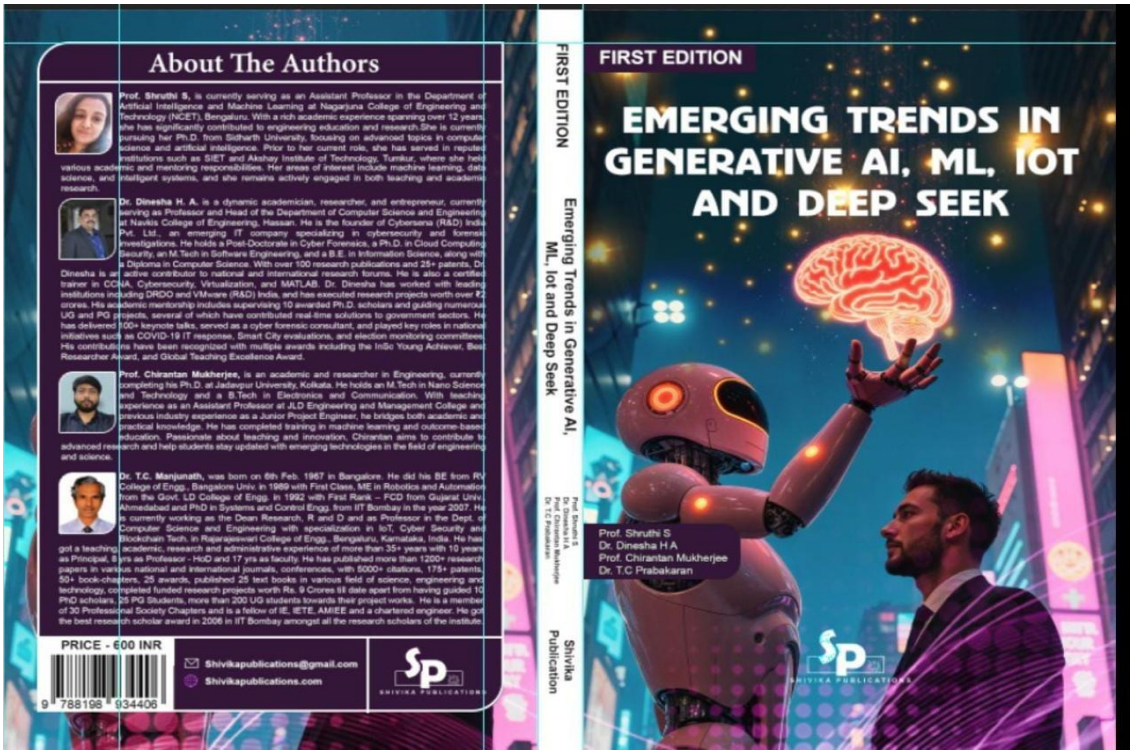
Faculties of AI & ML dept. participated in the ATAL FDP on "Mentoring faculty entrepreneurs for sustainable Innovation and startup culture organized by ISE dept. NCET from 14-07-2025 to 19-07-2025.

63. Date: 18-07-2025

Faculties of AI & ML dept. visited ART Park at IISC & SISA Information security as a part of ATAL FDP programme.

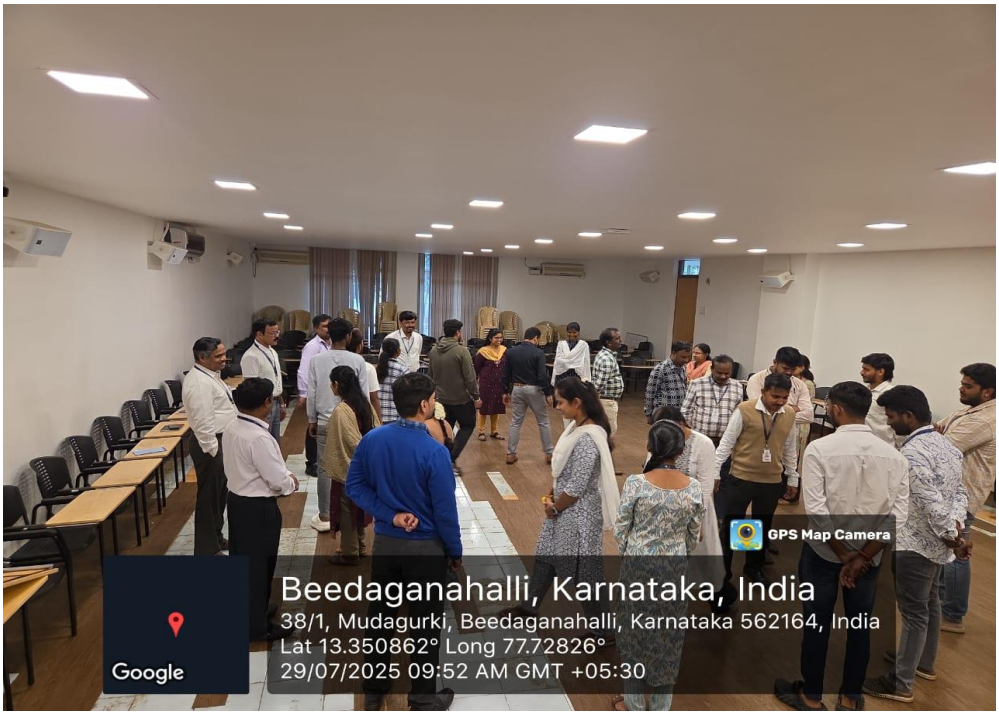
64. Date: 18-07-2025

Prof. Shruthi S, Faculty of AI & ML dept. Published the book “Emerging trends in Generative AI, ML, IOT and Deep seek” under SP publications.



65. Date: 28-07-2025

Faculties of AI & ML dept. participated in the five days faculty development programme on Life skills organized by IQAC, NCET and NIMHANS, Bengaluru.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Nagarjuna College of Engineering & Technology

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Computer Science (AI & ML)

Faculty - NPTEL Local Chapter Course completion details (Jan-Apr 2025):

Sl. No.	Name	Subject	Type of Certificate with Percentage (%)
1	Dr. Rashmi P Karchi Professor, CSE (AIML)	Introduction to Large Language Models (LLMs) (12 week course)	53%
2	Mr. Manjunath K N Assistant Professor, AIML	Outcome Based Pedagogic Principles for Effective Teaching (4 week course)	66% **Elite**
3	Mr. Saravanan S Assistant Professor, AIML	Cloud Computing (12 week course)	68% **Elite**
4	Ms. Prathibha B N Assistant Professor, AIML	Research Methodology (8 week course)	57%
5	Mrs. Nithyakalyani A Assistant Professor, AIML	Natural Language Processing (12 week course)	62% **Elite**

Students - NPTEL Local Chapter Course completion details (Jan-Apr 2025):

Sl. No.	Name	USN	Subject	Type of Certificate with Percentage (%)
(43 Students – 51 Courses)				
1	Parth Sharma	1NC22CI043	Introduction To Internet Of Things (12 week course)	79 **Elite Silver**
2	Manda Anirudh	1NC22CI035	Python for Data Science (12 week course)	76 **Elite Silver**
3	Pujari Sailaja	1NC22CI046	Cloud Computing (12 week course)	75 **Elite Silver**
4	S Abdul Fahad	1NC22CI049	Cloud Computing (12 week course)	75 **Elite Silver**
			Computer Vision And Image Processing - Fundamentals And Applications (12 week course)	64 Elite
5	Kandula Krishna Reddy	1NC22CI023	Data Analytics with Python (12 week course)	75 **Elite Silver**
			Data Mining (8 week course)	64 Elite
6	Himanshu Soni	1NC22CI020	Cloud Computing (12 week course)	73 Elite
7	Reuben Philipose	1NC22CI048	Cloud Computing (12 week course)	72 Elite
			Business Intelligence & Analytics (12 week course)	67 Elite
8	Madni Yousuf	1NC22CI033	Cloud Computing (12 week course)	70 Elite
9	Hemanth Kumar	1NC22CI058	Data Mining (8 week course)	70 Elite
			Artificial Intelligence: Knowledge Representation And Reasoning	45

			(12 week course)	
10	Deepak G M	1NC22CI011	Cloud Computing (12 week course)	68 Elite
11	Vijay Kumar J	1NC22CI064	Cloud Computing (12 week course)	67 Elite
12	Abhishek S	1NC22CI001	Foundation of Cloud IoT Edge ML (8 week course)	66 Elite
13	Syed Umair Ali	1NC22CI066	Cloud Computing (12 week course)	66 Elite
			Business Intelligence & Analytics (12 week course)	58
14	Pallavi N	1NC22CI042	Cloud Computing (12 week course)	66 Elite
			Computer Vision And Image Processing - Fundamentals And Applications (12 week course)	55
15	Nithyashree M V	1NC22CI041	Cloud Computing (12 week course)	64 Elite
16	Harshitha M C	1NC22CI018	Cloud Computing (12 week course)	64 Elite
17	Adithya K V	1NC22CI002	Cryptography and Network Security (12 week course)	63 Elite
			Natural Language Processing (12 week course)	52
18	Shreyas Patil	1NC22CI056	Cloud Computing (12 week course)	63 Elite
19	Vinod S R	1NC22CI065	Cloud Computing (12 week course)	62 Elite
20	Anmol Partapure	1NC22CI005	Cloud Computing (12 week course)	62 Elite
21	Uppara Vardhan	1NC22CI063	Cloud Computing (12 week course)	60 Elite
22	Ankitha S A	1NC22CI004	Cloud Computing (12 week course)	58
23	Prajwal K Mahendrakar	1NC22CI044	Cloud Computing (12 week course)	58
24	Boya Sai Ganesh	1NC22CI009	Cloud Computing (12 week course)	57
25	Dhananjay M	1NC22CI012	Foundation of Cloud IoT Edge ML (8 week course)	57
			Computer Vision And Image Processing - Fundamentals And Applications (12 week course)	50
26	Bhuvan Kumar M N	1NC22CI006	Foundation of Cloud IoT Edge ML (8 week course)	57
27	Samarth V H	1NC22CI052	Computer Vision And Image Processing - Fundamentals And Applications (12 week course)	56
28	Tanjeem	1NC22CI059	Cloud Computing (12 week course)	55
29	Keerthi V	1NC22CI024	Cloud Computing (12 week course)	55
30	Koduru Guru Sathvik	1NC22CI027	Cloud Computing (12 week course)	55
31	Harsha DS	1NC22CI017	Cryptography and Network Security (12 week course)	54
32	Jula Harshavardhan	1NC21CI023	Deep Learning for Natural Language Processing (12 week course)	54

33	Preethi M	1NC22CI045	Cloud Computing (12 week course)	54
34	Jallapuram Sujith	1NC22CI021	Cloud Computing (12 week course)	54
35	Nava Mohan V	1NC22CI040	Cloud Computing (12 week course)	54
36	K Bhaskar lakshmi	1NC22CI022	Computer Vision And Image Processing - Fundamentals And Applications (12 week course)	53
37	N Saishree	1NC22CI039	Cloud Computing (12 week course)	52
38	Sindhu M	1NC22CI057	Deep Learning (12 week course)	50
39	Keerthana K	1NC22CI030	Cloud Computing (12 week course)	50
40	Sakshi T N	1NC22CI051	Artificial Intelligence: Knowledge Representation And Reasoning (12 week course)	46
41	Kiran	1NC22CI026	Business Intelligence & Analytics (12 week course)	46
42	Tanushree Hiremath	1NC22CI060	Artificial Intelligence: Knowledge Representation And Reasoning (12 week course)	44
43	M Sandeep	1NC22CI032	Computer Vision And Image Processing - Fundamentals And Applications (12 week course)	42