

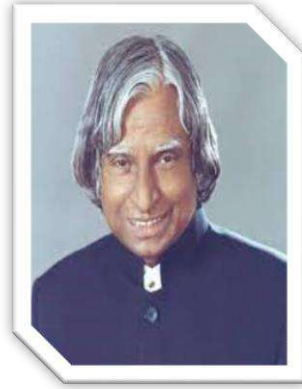
Velammal Institute of Technology
Department of Artificial Intelligence and Data Science

PIPELINE

2023-2024

Newsletter

Message from Shri. A.P.J. Abdul Kalam



“Creativity is the key to success in the future, and primary education is where teachers can bring creativity to children at that level.”



Message From Principal



Dr N. Balaji

Principal,

Velammal Institute of Technology

I congratulate the editorial team on bringing back the Pipeline, which offers a chance to be part of the day-to-day college life for past, present, and future prospective stakeholders. This newsletter will help us navigate the activities of the Department of Artificial Intelligence and Data Science, highlighting the academic, co-curricular, and extra-curricular achievements of students, staff, and faculty members.

I congratulate each individual who has won and participated in events and who has written excellent articles for this issue. I hope the volume will increase in the near future, and I believe this magazine will serve as an inspiration and motivation for students and staff to perform better and contribute to forthcoming issues.

I am confident that Pipeline will disseminate information, communicate effectively, motivate performance, promote unity, and raise awareness.

I wish them all the very best in their future endeavors.



Message From Vice-Principal



Dr. S. Soundarajan

Vice Principal,

Velammal Institute of Technology

I take pleasure in appreciating the editors, the staff team, and the student team for their meticulous work, which is visible in the articles published in Pipeline. The future belongs to those who prepare for it today. We are a college with a difference! We value uniqueness, creativity, and innovation, and we strive to nurture these qualities in our students. The Pipeline magazine is a powerful resource that encourages students and staff to strive for excellence in their education and careers.

Apart from regular curriculum activities, the college stresses the importance of students and staff updating their knowledge in their chosen areas of expertise. The Department of Artificial Intelligence and Data Science has always aimed to present new opportunities for young people to enhance their skills and overcome setbacks in their careers, emerging as beacons of light.

I wish them all the very best in their future endeavors.



Message From Editors

“Scientists Discover What Is; Engineers Create What Never Was.”

Engineers, with their innovative talents, have an eternal role in ever-widening the horizons of the universe. The editorial board is delighted to present this issue of Pipeline - Volume 2, Issue 1 for the academic year 2023-2024. Our magazine speaks volumes for the multifaceted talents of our enthusiastic team. It exhibits the creative hearts and illustrates the tremendous technical knowledge within our community.

Additionally, this souvenir serves as a brief narration of the various events organized by our enthusiastic professionals and their achievements.

TEAM MEMBERS

Editors-in-Chief

Dr. N. Balaji, Ph.D.,

Principal, Velammal Institute of Technology

Dr. S. Soundararajan, Ph.D.,

Vice-Principal, Velammal Institute of Technology

Associate Editor

Dr. S. Padmapriya, Ph.D.,

Professor & Head/Department of AI&DS, Velammal Institute of Technology

Editors

Mrs. K Sowmiya, M.Tech., Asst. Prof./ Department of AI&DS /VITech.

Student Coordinators

Mr.SaiRaghul . D III
Yr-A Sec ,AI&DS,
VITech



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**PIPELINE VOLUME 2****JAN 2024-JUN 2024****ISSUE 2****TABLE OF CONTENTS**

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

VISION OF THE INSTITUTE

- To be a leader in imparting quality technical education, research and enterprising skills in pursuit of professional excellence.

MISSION OF THE INSTITUTE

- To promote quality education and technical skills to meet the industry requirements.
- To incorporate team work, leadership skills and lifelong learning.
- To facilitate career development and higher education assistance.
- To encourage innovative ideas for research and development and entrepreneurship for societal needs.
- To inculcate ethical responsibility & human values.

VISION OF THE DEPARTMENT

- To create renowned and skilled engineers with creative ideas to compete in the emerging field of Artificial Intelligence and Data Science.

MISSION OF THE DEPARTMENT

- To provide high-quality education on existing and evolving Artificial Intelligence and Data Science technology.
- To develop technologically superior students and prepare them as responsible engineers with human values.
- To train student as a Artificial Intelligence Engineers, Data Scientists, Data Analysts, and Machine Learning Engineers, and to shape their future.
- To enrich students with required skills for employability, entrepreneurship and pursuing higher studies.
- To encourage the students to implement innovative research and develop ideas.



PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates of Artificial Intelligence and Data Science will.

- To provide graduates with the proficiency to utilize the fundamental knowledge of basic sciences, mathematics, Artificial Intelligence, data science and statistics to build systems that require management and analysis of large volume of data.
- To enrich graduates with necessary technical skills to pursue pioneering research in the field of AI and Data Science and create disruptive and sustainable solutions for the welfare of ecosystems.
- To enable graduates to think logically, pursue lifelong learning and collaborate with an ethical attitude in a multidisciplinary team.
- To enable the graduates to design and model AI based solutions to critical problem domains in the real world.
- To enrich the innovative thoughts and creative ideas of the graduates for effective contribution towards economy building.

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.



- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, and legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities.
- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage independent and life-long learning in the broadest context of technological change.





Symposium –NEURONEX'24

Velammal Institute of Technology's Department of Artificial Intelligence and Data Science is organizing Neuronex24 on March 2nd, 2024, at 9:30 AM. The event, themed "Unleashing the Power of Minds," will feature a wide range of technical and non-technical activities, making it engaging for students from various disciplines. In the duration of which an overwhelming response had been observed from 650 participants belonging to over 40 colleges from all over the state.

VELAMMAL INSTITUTE OF TECHNOLOGY
DEPARTMENT OF
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



NEURONEX'24
UNLEASHING THE POWER OF MINDS

STUDENT COORDINATORS
 ABHISHEK - 7816015259
 MOHAMMED IMRAN-7639052727

VENUE: VELAMMAL INSTITUTE OF TECHNOLOGY
DATE: MARCH 2ND 2024
TIME: 9:30 AM

TECHNICAL EVENTS

- UTOPIA UI
- CODE SPRINT SHOW DOWN
- BUG BASH CHALLENGE
- TECH UNLEASHED EXPO
- MARVEL MASTERY
- PAPER PINNACLE

NON-TECHNICAL EVENTS

- FF X BGMI
- FLICKER FUSION
- VIBRATO VISION
- ISEKAI-BAKA'S
- BOX BASH LEAGUE
- FRAME-BY-FRAME
- SHADOW CONSPIRACY
- MEME MIND SUMMIT

WORKSHOPS

- U/DUX
- AR/VR

WIN PRIZES WORTH OF 100000



scan for registration
 registration fees-150
 spot registration available

FOOD WILL BE PROVIDED

VISIT OUR PAGE FOR MORE DETAILS:
<https://neuronex1.vercel.app>

PAY HERE-
VENKATALAKSHMIMS@OKSBI
7824908043

COORDINATORS
 MRS.M.VENKATALAKSHMI
 MRS.K.SOWMIYA

HOD
 DR.S.PADMAPRIYA

VICE PRINCIPAL
 DR.S.SOUNDARARAJAN

PRINCIPAL
 DR.N.BALAJI



Report On

International Conference on Data Analytics and Intelligence Computing (ICDAIC'24)

The students of Artificial Intelligence and Data Science of Velammal Institute Of Technology under the guidance of Dr. S. Padmapriya, Dr. Prameeladevi Chillakuru, and Mrs. K. Sudha readily took up the initiative to organise the Technical Paper Presentation event on April 6, 2024. Velammal Institute Of Technology strives to engineer a better world by inspiring, informing and influencing its members, engineers and technicians, and in keeping with its primary goal, the International Paper Presentation on Data Analytics And Intelligence Computing event showcased the very essence of unbridled technical know-how of the participants.

The Paper presentation event hosted a total of 225 teams from varied engineering backgrounds with an emphasis on the branches of Data Science, Machine Learning, and Artificial Intelligence etc. The panel of judges boasted of a number of dignitaries including Dr. Bala Chandra, Mrs. Jayamanilatha, Mr. Manikandan, Dr. Ramasamy, Dr. Anbu, Dr. Karthikeyan, Dr. Shanmugaraj, Mr. Vinoth, Dr. Gurumoorthy, Mr. BalamaniKanda Sudhan, Dr. Devendran, Dr. Kamalam a perfect blend of the corporate world and academia. The diverse panel of judges ensured a fair, unbiased representation of the various branches of engineering.

The event commenced at 10 a.m. after the felicitation of the chief guest, with the participating teams eager to present their ideas and innovations. It was indeed a sea of brilliance, as team after another came forward armed with incredible, original prototypes, research papers and advancements. Fielding question after question by the judges, the participants displayed their undying thirst for knowledge, whilst showcasing their immense interest and the astonishing amount of effort and research put into each of their individual presentations.

The conference team was overwhelmed by the response to our call for papers, receiving a total of 225 submissions. Among these, 25 were submitted offline, while a staggering 200 were received online. Papers poured in from esteemed institutions such as Anna University, Galgotias University UP, Agnel College Goa, Saveetha, RMD, SRMIST, and many more. Notably, a significant number of submissions originated from the states of Maharashtra and Andhra Pradesh, underscoring the widespread interest and engagement in our conference themes





Along with offering a brilliant opportunity to present their projects in front of a panel of esteemed judges on an IET platform to the participants, the event also sparked up a new array of ideas in developing their own new projects to the non-participants as well. Such opportunities to foster the technical creativity and its application among students will continue to prove beneficial for building a healthy educational profile for budding engineers.

Workshop on R-Tool



The Department of Artificial Intelligence and Data Science has organized a three-day workshop on the R-Tool, scheduled from the 2nd to the 4th of April 2024. The event will take place at the CCC Lab on the 3rd floor, featuring resource persons Senthil Kumar S and Vimal Raj S, who will lead the sessions.

The workshop is convened by Mr. Djustin Xavier, with Dr. S. Padmapriya, the Head of the Department, overseeing the event, supported by Dr. S. Soundararajan, Vice Principal, and Dr. N. Balaji, Principal of the institution. This workshop aims to enhance participants' skills in using R, a powerful tool for data analysis and statistical computing.





Various Events Conducted in our department

VELAMMAL
INSTITUTE OF TECHNOLOGY

NBA
NATIONAL BOARD
OF ACCREDITATION

INSTITUTION'S
INNOVATION
COUNCIL
NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
TRAININGS AND WORKSHOPS CONDUCTED IN 2023-2024

POWERBI WORKSHOP BY AYNAVIL TECHNOLOGIES PVT.LTD

POSTGRESQL WORKSHOP BY DATADNA & GRADERS

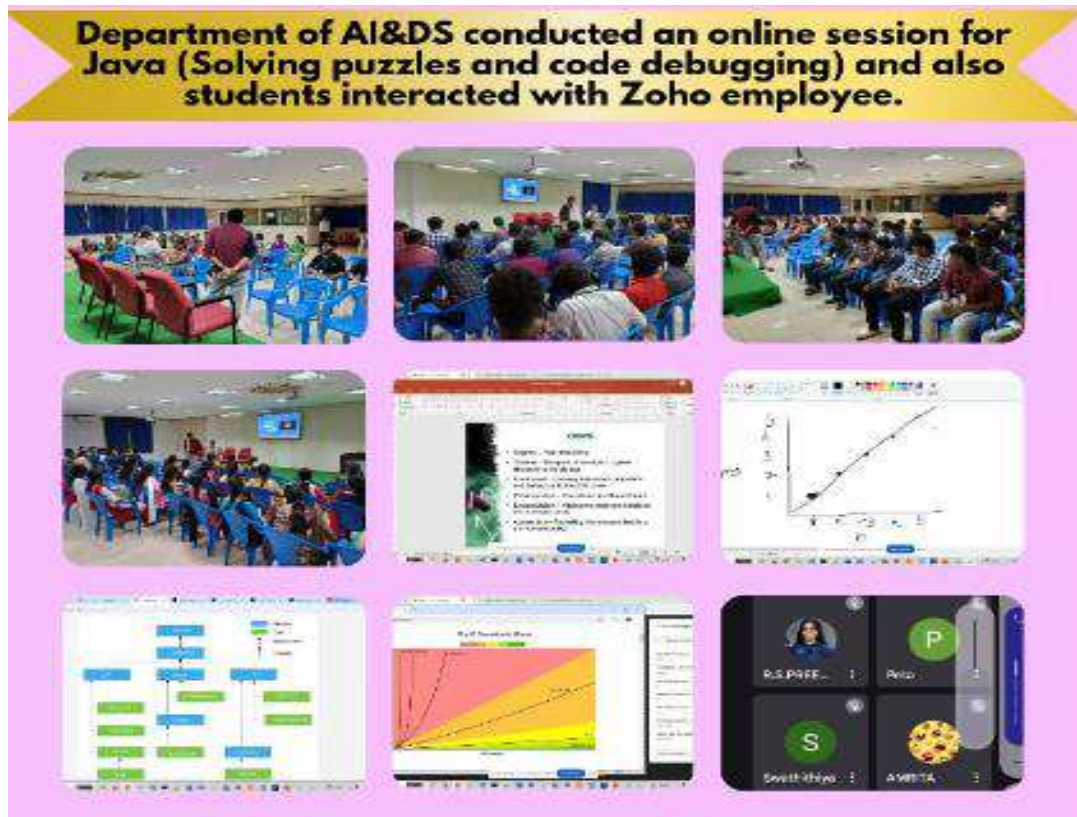
INDUSTRIAL VISIT - NATIONAL ATMOSPHERIC RESEARCH LABORATORY

INDUSTRIAL VISIT - TIDAL PARK

JAVA FULL STACK DEVELOPER COURSE BY AYNAVIL TECHNOLOGIES PVT.LTD

SELENIUM WORKSHOP BY JARVIS TECHNOLOGY

Online Session for Java



The Department of Artificial Intelligence and Data Science (AI&DS) recently conducted an online session focused on Java, particularly on solving puzzles and code debugging. During the session, students had the opportunity to interact with a Zoho employee, adding a practical dimension to their learning. The event included discussions on various Java-related topics such as code structures, graph plotting, and problem-solving techniques, as seen in the visuals from the session. This interaction provided students with hands-on experience and industry insights. This workshop is one of many initiatives by the department to equip students with industry-relevant tools and technologies, ensuring they are well-prepared for future challenges in the field of data science.

Industrial Visit to IITMRP (01.06.2024)

VELAMMAL
INSTITUTE OF TECHNOLOGY
Chennai - Kolkatta Highway, Panchetti, Ponneri

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE &
DATA SCIENCE**
in association with
**Indian Institute of Technology
Madras Research Park (IITMRP)**
Kanagam, Chennai

Jointly Organizes
Industrial Visit

Participants
II Year Artificial
Intelligence
& Data Science

Date
01.06.2024

Time
9 am to 3pm

Coordinator
Mr. Dinesh Kumar
Proff/AI&DS

Ms. Abirami
Proff/AI&DS

Convenors
Dr. S. PadmaPriya
Proff&Head/AI&DS

Dr. S. Soundararajan
Vice Principle

Dr. N. Galaji
Principle

The Industrial Visit was held on 01.06.2024. The faculty members Mrs. Abirami, Mr. K. Dinesh Kumar, coordinated this industrial visit. We reached IIT Madras Research Park at 10:30am. An Industrial Visit to IIT Madras Research Park covered a wide range of topics related to Startups and incubation.

After visiting of the IIT Madras Research Park interactions with the incubators related to their products have been inspiring. Their Dedication, Passion and Willingness to share their Knowledge have provided valuable insights into the challenges and opportunities in this field and we returned to college at 5:00pm in the evening.

Velammal Institute of Technology

Chennai

01 June 2024



Industrial Visit to TANSAM (15-16.03.2024)



DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE
in association with
Tamilnadu Smart and Advanced Manufacturing Centre (TANSAM)
Tharamani, Chennai

Jointly Organizes

Industrial Visit

Participants
II Year Artificial Intelligence & Data Science

Date
15.03.2024 - 16.03.2024

Time
9 am to 3pm

Coordinator
Mrs. Abirami
Proff/AI&DS

Mr. Justin Xavier
proff & placement officer/AI&DS

Convenors
Dr. S. PadmaPriya
Proff&Head/AI&DS

Dr. S. Soundararajan
Vice Principle

Dr. N. Galsaji
Principle

2022-11-30 09:46

The Industrial Visit was held on 15.03.2024 and 16.03.2024. The faculty members Mrs. Abirami,

Mr. Justin Xavier, coordinated this industrial visit. We reached TANSAM at 10:30am. An Industrial Visit to TANSAM covered a wide range of topics related to Startups and incubation.

After visiting of the TANSAM interactions with the incubators related to their products have been inspiring. Their Dedication, Passion and Willingness to share their knowledge have provided valuable insights into the challenges and opportunities in this field and we returned to college at 5:00pm in the evening



Industrial Visit to TANSAM (16.04.2024)



DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE
in association with
Tamilnadu Smart and Advanced Manufacturing Centre (TANSAM)
Tharamani, Chennai

Jointly Organizes

Industrial Visit

Participants
III Year Artificial Intelligence & Data Science

Date
16.04.2024

Time
9 am to 3pm

Coordinator
Mrs. Abirami
Prof/AI&DS

MR. Justin Xavier
proff & placement officer/AI&DS

Convenors

Dr.S.Padmavriya
Proff&Head/AI&DS

Dr.S.Soundararajan
Vice Principle

Dr.N.Balaji
Principle

2024-11-30 09:46

The Industrial Visit was held on 16.04.2024. The faculty members Mrs. Abirami, Mr. Justin Xavier, coordinated this industrial visit. We reached TANSAM at 10:30am. An Industrial Visit to TANSAM covered a wide range of topics related to Startups and incubation.

After visiting of the TANSAM interactions with the incubators related to their products have been inspiring. Their Dedication, Passion and Willingness to share their Knowledge have provided valuable insights into the challenges and opportunities in this field and we returned to college at 5:00pm in the evening



Industrial Visit to NARL (17.05.2024)



VELAMMAL

INSTITUTE OF TECHNOLOGY

Chennai - Kolkatta Highway, Panchetti, Ponneri



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE &
DATA SCIENCE**

in association with

**National Atmospheric Research
Laboratory (NARL)**
Pakala, Andhra Pradesh

Jointly Organizes

Industrial Visit

<p>Participants</p> <p>iii-BYear Artificial Intelligence & Data Science</p>	<p>Date</p> <p>17.05.2024</p>	
<p>Mr. Dinesh Kumar Proff/AI&DS</p>	<p>Ms. Abirami Proff/AI&DS</p>	
<p>Coordinator</p>		
<p>Convenors</p>		
<p>Dr.S.Padmavriya Proff&Head/AI&DS</p>	<p>Dr.S.Soundararajan Vice Principle</p>	<p>Dr.N.Galaji Principle</p>

The Industrial Visit was held on 31.08.2024. The faculty members Mrs.Abirami,Mr. K. Dinesh

Kumar, coordinated this industrial visit. We reached NARL at 10:30am. An Industrial Visit to NARL covered a wide range of topics related to Startups and incubation.

After visiting of the NARL interactions with the incubators related to their products have been inspiring. Their Dedication, Passion and Willingness to share their Knowledge have provided valuable insights into the challenges and opportunities in this field and we returned to college at 5:00pm in the evening





Faculty Achievements & Contributions



Participation in FDP/ STTP

- Mrs. K. Sudha completed an internship on "**Research Training**" from **January 16 to February 16, 2024** (1 month) at **MSME -Technology Development centre (PPDC),Agra.**
- Mrs. K. Sudha attended a webinar on "**Trust models for IOT Networks**" on **January 6, 2024** (1 day) at **Bharatiya vidyapeeth's Institute of Computer Applications and Mangement, NewDelhi.**
- Mrs. K. Sudha, attended Online – STTP on " **Unlocking Industry Insights in Data Science**" from February 12 to 16 2024 (5Days) at **Madanapalle Institute of Technology and Science**
- Mrs. K. Sudha, attended Online FDTP on" **Generative AI with Large Language Models**"from February 22 to 28 2024 (6 Days) at **Sri SaiRam Engineering College, Chennai.**
- Mrs. K. Sudha attended Online Workshop on" **Multiple Attribute Decision Making Using Analytic Hierarchy Process** February 26 to March 1 2024 (5 Days) at **National Institute of Technology, Mizoram**



NPTEL Certifications by Faculty



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUDHA K
for successfully completing the course
Data Science for Engineers
with a consolidated score of **57** %

Online Assignments	24.79/25	Proctored Exam	32.48/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2868**





Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2024
(8 week course)



Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS53S553402082

To verify the certificate 

No. of credits recommended: 2 or 3



CERTIFICATE OF APPRECIATION

is awarded to

S.PADMAPRIYA

VELAMMAL INSTITUTE OF TECHNOLOGY
CHENNAI, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

SOFTWARE TESTING
JAN - APR 2024







PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
46	5	1	3	1	0	0	0



Elite
NPTEL Online Certification
 (Funded by the MoE, Govt. of India)



This certificate is awarded to
SOWMIYA K
 for successfully completing the course

Machine Learning for Engineering and Science Applications

with a consolidated score of **60** %

Online Assignments	19.56/25	Proctored Exam	40/75
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Total number of candidates certified in this course: **770**

Devendra Jalihal

Prof. Devendra Jalihal
 Chairperson,
 Centre for Outreach and Digital Education, IITM

Jan-Apr 2024
 (12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS38S369000055

To verify the certificate



No. of credits recommended: 3 or 4



CERTIFICATE
OF APPRECIATION
 is awarded to

K. SOWMIYA

VELAMMAL INSTITUTE OF TECHNOLOGY
 CHENNAI, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course




MACHINE LEARNING FOR ENGINEERING AND SCIENCE APPLICATIONS

JAN - APR 2024



Prof. Andrew Thangaraj
PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
14	4	0	3	1	0	0	0

	<p>MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC) एम.एस.एम.ई. - प्रौद्योगिकी विकास केंद्र Ministry of Micro, Small and Medium Enterprises सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय Government of India Society भारत सरकार की सेवाएँ Foundry Nagar, Agra-282 006 (U.P.) समृद्धि नगर, अग्रा-282 006 (उ.प्र.)</p>	
<p>Reg. No : 188382</p>		
<p>प्रमाण-पत्र Certificate</p>		
<p><i>This is to certify that</i></p>		
<p><i>Ms. K Sowmiya</i></p>		
<p><i>D/o Mr. M. Karikala Cholan</i></p>		
<p><i>has successfully completed online internship</i></p>		
<p><i>in</i></p>		
<p>RESEARCH TRAINING</p>		
<p><i>from 16.01.2024 to 16.02.2024 (weekdays only)</i></p>		
		
<p>DATE : February 21, 2024 PLACE : AGRA</p>	 (SACHIN RAJPAL) PRINCIPAL DIRECTOR	
<p>No. PPDC/Trg./OSP/2023-24/23237</p>		



Students Participation & Achievements



NPTEL Online Certification



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JAYASHRI K

for successfully completing the course

Machine Learning for Engineering and Science Applications

with a consolidated score of **49** %

Online Assignments	19.03/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **770**

Devendra Jalihal
Prof. Devendra Jalihal
 Chairperson,
 Centre for Outreach and Digital Education, IITM

Jan-Apr 2024
 (12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS38S453504004

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RESHNI U

for successfully completing the course

Machine Learning for Engineering and Science Applications

with a consolidated score of **58** %

Online Assignments	20.75/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **770**

Devendra Jalihal
Prof. Devendra Jalihal
 Chairperson,
 Centre for Outreach and Digital Education, IITM

Jan-Apr 2024
 (12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS38S369000020

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

YASHMITHA J

for successfully completing the course

Data Science for Engineers

with a consolidated score of **58** %

Online Assignments	25/25	Proctored Exam	33.42/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **2868**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2024

(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS53S656700228

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HEMAMANIMALA G S

for successfully completing the course

Machine Learning for Engineering and Science Applications

with a consolidated score of **56** %

Online Assignments	18.41/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **770**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS38S453508657

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JENI CATHERINE

for successfully completing the course

Machine Learning for Engineering and Science Applications

with a consolidated score of **50** %

Online Assignments	12.22/25	Proctored Exam	37.76/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **770**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS38S453509376

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PUNNEPALLI SUMA

for successfully completing the course

Machine Learning for Engineering and Science Applications

with a consolidated score of **63** %

Online Assignments	20.66/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **770**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS38S363701479

To verify the certificate



No. of credits recommended: 3 or 4



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
HARSHITHA SHIVANI T
for successfully completing the course

Software Testing

with a consolidated score of **66** %

Online Assignments	17.92/25	Proctored Exam	47.63/75
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Total number of candidates certified in this course: **1519**

Jan-Feb 2024
(4 week course)

Haimanti Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS47S453405298

To verify the certificate



No. of credits recommended: 1 or 2



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
HARSHITHA SHIVANI T
for successfully completing the course

Python for Data Science

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
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Total number of candidates certified in this course: **11953**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS54S553401545

To verify the certificate




No. of credits recommended: 1 or 2


NCAT 2024

- Our Third Year Student Telkapalli Venkata Himaja has scored ALL India Rank 29 in category 3.
- Our Third Year Student Alluru sai Teja Sree has scored ALL India Rank 26 in category 3.

AI&DS III Students got All India Rank in NCAT Category 3



**TELKAPALLI VENKATA HIMAJA
NCAT ALL INDIA RANK 29**




National Creativity Aptitude Test
ALL INDIA RANK CERTIFICATE

This is to certify that **TELKAPALLI VENKATA HIMAJA** from Velammal Institute of Technology, Thiruvallur District, Tamilnadu has shown exemplary performance in **National Creativity Aptitude Test 2024** and has secured **All India Rank 29** in category **3**.


Laith Srinivas
NCAT, Head

Ref No: 10888 In Code: 118
International Forum for Excellence in Higher Education

Sandeep Goel
NCAT, Co-ordinator



**ALURU SAI TEJASREE
NCAT ALL INDIA RANK 26**



National Creativity Aptitude Test
ALL INDIA RANK CERTIFICATE

This is to certify that **ALURU SAI TEJASREE** from Velammal Institute of Technology, Thiruvallur District, Tamilnadu has shown exemplary performance in **National Creativity Aptitude Test 2024** and has secured **All India Rank 26** in category **3**.

Laith Srinivas
NCAT, Head

Ref No: 10888 In Code: 118
International Forum for Excellence in Higher Education

Sandeep Goel
NCAT, Co-ordinator

Top Performing Stars of AI&DS



Our final year students, Yamini M, Reshma G B, Varahini T V, Harsini S K, Varsha P S, Nithyasri J, and Vasanthi P, have excelled by securing a CGPA of 9.0 and above. In the third year, Mahavarshini V, Preethi, Itha Vaishnavi, and Mohammed Abdul Malik achieved the same distinction. Similarly, our second-year students Ashmitha H S, Yashmitha J, Mageshwari, Dabbugunta Srinu, Shaik Jasmeen, Ganta Tejeswini, Krithika, Velakpuram Gunasekhar, Sai Raghul, and Maddineni Sowmya have also demonstrated exceptional academic performance by achieving a CGPA above 9.0. Their hard work and dedication are truly commendable.

Placement Offers

The successful placements of students of Velammal Institute of Technology from the department of Artificial Intelligence and Data Science. These students have secured prestigious offers from top companies across various industries, reflecting their academic and professional excellence. The name of the students along with the company names and their respective salary packages are listed.

- **Ashwin R** was placed in **JMAN Group** with a package of **7 LPA**.
- **Varsha PS** was placed in **Sify Technologies** with a package of **7 LPA**.
- **Varshini TV** was placed in **Sify Technologies** with a package of **7 LPA**.
- **Monika S** was placed in **TCS/TATA ELXSI** with a package of **7/3.5 LPA**.
- **Akhila S** was placed in **Fleet Studio** with a package of **6 LPA**.
- **Yamini M** was placed in **Accenture** with a package of **4.5 LPA**.
- **Pooja S** was placed in **Accenture** with a package of **4.5 LPA**.
- **Ragavendran WP** was placed in **Accenture** with a package of **4.5 LPA**.
- **Reshma GB** was placed in **Accenture** with a package of **4.5 LPA**.
- **Murugavel Rajan TS** was placed in **HFFC** with a package of **4.5 LPA**.
- **Dharmendra Pandian S** was placed in **Securden** with a package of **4.5 LPA**.
- **Anjana G** was placed in **Deloitte** with a package of **4.5 LPA**.
- **Jeffrin Rijo V C** was placed in **Visai** with a package of **4.5 LPA**.
- **Mayuri A K** was placed in **Karomi** with a package of **4.5 LPA**.
- **Krithika G** was placed in **SkillForge** with a package of **4.32 LPA**.
- **Sanan Lal P** was placed in **SkillForge** with a package of **4.32 LPA**.
- **Rahul Ramana P** was placed in **SkillForge** with a package of **4.32 LPA**.
- **Harshini** was placed in **Mindtree** with a package of **4.0 LPA**.
- **Krithika** was placed in **Mindtree** with a package of **4.0 LPA**.
- **Sathish Kumar S** was placed in **SeeWise/TCS** with a package of **4.0/3.5 LPA**.
- **Nithyashri J** was placed in **Movate** with a package of **3.6 LPA**.
- **Dhivya Sri A** was placed in **Mtutor** with a package of **3.6 LPA**.
- **Mageshwari J** was placed in **ebms** with a package of **3.5 LPA**.
- **Deepak S** was placed in **TCS** with a package of **3.36 LPA**.

- Subramaniam was placed in **Tech Mahindra** with a package of **3.25 LPA**.

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

PREMIUM OFFERS

JMAN ASHWIN R 7 LPA	sify VARSHA P S 7 LPA	sify VARSHINI TV 7 LPA	lcs MONIKA S 7 / 3.5 LPA	Fleet Studio ADHILAS 6 LPA	accenture YAMINI M 4.5 LPA
accenture POOJA S 4.5 LPA	accenture RAAGAVENDRAN WP 4.5 LPA	accenture RESHMA G B 4.5 LPA	hitec MURUGAVEL RAJANTS 4.5 LPA	Securden DHARMENDRA PANDIANS 4.5 LPA	Deloitte ANJANA G 4.5 LPA
VIS JEFFRIN RLOJ VC 4.5 LPA	karom MAYURUJA K 4.5 LPA	SkilForge KRUTHIKA G 4.32 LPA	SkilForge SANAN LAL P 4.32 LPA	SkilForge RAHEL RAMANAP 4.32 LPA	Mindtree HARSHINI 4 LPA
Mindtree KRITHIKA 4 LPA	lcs / sify SATHESHKUMAR S 4.0 / 3.5 LPA	movotz NITHYASRI J 3.6 LPA	Multix DHIVYASRI A 3.6 LPA	ebms MAGESHWARI J 3.5 LPA	lcs DEEPAK S 3.36 LPA
Tech Mahindra SUBRAMANIAM M 3.25 LPA					



Thank
you!



