# AVIT
## AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

intel
NEC

## AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
### Paiyanoor, Chennai
**A Constituent College of Vinayaka Mission's Research Foundation (VMRF-DU)**

## Join Intel and NEC Certified Engineering Programmes

### @ AVIT and get specialised in AI & ML / IoT / Cyber Security with Assured Internship, Placement and Entrepreneurship Skills

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### UG Programmes offered in collaboration with
**intel NEC**

- B.E. - Computer Science and Engineering
- B.E. - Computer Science and Engineering (Artificial Intelligence and Machine Learning)
- B.E. - Computer Science and Engineering (Cyber Security)

- B.E. - Electronics and Communication Engineering
- B.E. - Electrical and Electronics Engineering

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### AVIT in collaboration with Intel & NEC offers

- An opportunity to edify skills in future computational techniques
- 7 Certifications from Intel & 7 Certifications from NEC during 4 year engineering programme with an opportunity to work in a Capstone Project during the last semester
- Get Trained by Intel Domain Experts from the first semester
- Assured Internship, Placement and Entrepreneurship Skills

### First of it's kind Dedicated Lab by Intel and NEC

- To train the students in the Cutting-Edge Technologies, we have established the Intel & NEC Centre of Excellence on: **IoT, Edge Computing, AI & ML, Smart Mobility, AR VR MR XR, Data Science, Cyber Security, HPC & Cloud Computing** within the campus

### Programme Highlights

- 14 Certifications
- Intel & NEC Centre of Excellence
- Curriculum as per industry standards
- Incubation Support
- Capstone Project Assured Internship & Placement
- Research Project

### Access to Advanced Technical Library from Intel & NEC

- To learn more about multiple Language like C, C++, Java, Node.js and Python
- Access support for multiple operating systems : Ubuntu, Android Things, Wind River, Arch Linux and Zephyr
- Reference to projects based on core Python numerical and scientific applications
- Understand industry-standard communication protocols like GPS, Bluetooth, Wi-fi etc.,
- Access to resources for project-based learning with wide range of sensor support

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**VINAYAKA MISSION'S RESEARCH FOUNDATION**
Deemed to be University under section 3 of the UGC Act 1956

**A GRADE**
Accredited with 'A' Grade by NAAC

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AVIT

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

VINAYAKA MISSION'S RESEARCH FOUNDATION

(Deemed to be University under section 3 of the UGC Act 1956)

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# PRESS RELEASE

## AVIT, VMRF(DU) signs MoU with NEC Corporation India and Intel Technology India Private Limited for enabling learning for students, researchers and faculties in the field of AI/ML, IOT, Cyber security, Smart Mobility and High-performance computing.

- *The MoU will facilitate hands-on training and set up research facilities in areas of Artificial Intelligence & Machine Learning (AI/ML),IOT,Cyber security, Smart Mobility, FPGA Solutions and High-performance computing (HPC).*

- *Strengthening the technological infrastructure of AVIT with NEC Vector Engine (VE) system-driven lab and Intel Unnati Data Centric Labs.*

- *Offering Comprehensive academic programmes with certification by Intel and NEC in Engineering and Technology & Arts and Science*

**India, February 6, 2023:**AVIT, Aarupadai Veedu Institute of Technology (AVIT) (Constituent Institution of Vinayaka Mission's Research Foundation- Deemed to be University) announced a collaboration with NEC Corporation India, a wholly owned subsidiary of NEC Corporation and Intel Technology India Private Limited for a comprehensive academic program for tech aspirants. A Memorandum of Understanding (MoU) has been signed between AVIT and NEC Corporation Indiaandalso with Intel help students, and researchers achieve their full potential across industries by establishing a dedicated AI/ML, HPC lab and Intel Unnati Data centric Lab.The MoU was signed by **Mr Deepak Jha**, GM, NEC corporation India, **Dr. G. Selvakumar,** Principal, AVIT and **Mr. Girish** from Intel Corporation in the presence of **Mr.J. Suresh Samuel**, Member, Board of Management (BOM), VMRF(DU).This MOU is signed through the strategic partner Edu lateral Foundation.This strategic partnership with INTEL and NEC corporation is first of its kind in South India, offering Comprehensive Academic Programmes in Engineering & Technology and Arts and Science Programme with Intel and NEC certifications, assured Internship and Placement.

**Speakingabout this collaboration, Dr.P.K. Sudhir, Vice-Chancellor,  VMRF(DU) said,** "Curating blended educational frameworks is the future, and we believe that along with NEC India and Intel, we will train our students to world-class emerging technological innovation in  hardware and software applications and real-world problem-solving solution and acumen with periodic certifications throughout the degree programme. We believe this will help

groom our students becoming well-rounded technology professionals withknowledge and skills in Industry 4.0to navigate a futuristic dynamic workplace".

On signing the MoU, **Deepak Jha**, General Manager & Head, Artificial Intelligence Platform, NEC Corporation India, said, "The joint certification programme will create industry-ready professionals. The students will learn profound academic concepts, cutting-edge software technologies and solutions, as well as domain expertise. The Union Budget 2023, with its focus on making AI in India for India, industry-academia partnerships, and youth upskilling, has reinforced our commitment to knowledge and skill sharing with future tech aspirants. With this agreement, we look forward to making the youth self-reliant on emerging technologies."

As data analytics, high-performance computing and artificial intelligence continue to converge and evolve, the world is geared up for a new future. Through this partnership, NEC India aims to help students design solutions and stay on the leading edge of new and emerging technologies,whilekeeping pace with the constantly evolving landscape.

As part of this agreement, NEC India will provide the AVIT with a Vector Engine (VE) system. With the establishment of the NEC Vector Engine (VE) system-driven lab, NEC aims to equip AVIT with the technology infrastructure required for the course and project work, job-oriented and hands-on training and research facilities.

**Mr Girish, Business Manager, Intel Unnati**, spoke about growing skill gap witnessed today between graduates from technical fields and the expectations of the IT industry. The government of India along with various institutes have launched several initiatives over the years to enable India's transformational journey and bridge the growing skill gap. In its National Education Policy the government stressed on the need to enhance the curriculum for higher education to better equip the faculties and graduating students with industry relevant data-centric skills.

With education as a focus, Intel has launched multiple programs over the last 20 years for students pursuing higher education. The newly launched Intel® Unnati Program, is designed to help students keep pace with the fast-changing needs and expectations of the industry pushing Intel's education agenda further.

**The Intel® Unnati Program** is focused on technology inclusion and advancing students' skills in emerging technology. Programs under Unnati are curated to equip engineering students with relevant data-centric skills and cultivate them to be industry-ready, providing a strategic impetus to India's digital economy transformation. Through a network of system integrators, Intel aims to set up Intel® Unnati Data-Centric Labs in emerging technologies. Empowering Students with Industry Leading Labs, Intel Unnati labs include hardware and software stack recommendations from Intel experts, course content including hands on exercises and co-branded course completion certificates for students.

On MOU signing, **Dr Pradeep, Executive Director, Edu lateral Foundation**stated, "We aim to provide state-of-the art facilities within an inspiring research setting, to improve

opportunities for interdisciplinary working and research excellence at AVIT thereby solving real-world problems through a huge network of partnerships and collaborations".

**About AVIT:**AVIT (Aarupadai Veedu Institute of Technology) was established in the year 1998 as an affiliated institution under the University of Madras. Later it was affiliated with Anna University, Chennai. In 2004, AVIT became a constituent institution under the ambit of Vinayaka Mission's Research Foundation (VMRF) – Deemed to be University Salem. AVIT is approved by the All India Council for Technical Education (AICTE). VMRF(DU) is accredited by NAAC with an "A" Grade. The institution offers under-graduate programmes in ten different disciplines and seven post-graduate programmes in Full-time (Regular) mode. The institute is also offering five undergraduate and six post graduate programmes in Part-Time (Regular) mode.

For further information, please visit: https://www.avit.ac.in/.

Contact: Dr.G. Selvakumar: principal@avit.ac.in/
            Mr.P. Rajasekaran: dy.registrar.administration@vmu.edu.in


**About      NEC      Corporation      India      (NEC      India)**
NEC is a leader in the integration of IT and network technologies and brings more than 121 years of expertise in technological innovation to provide solutions for empowering people, businesses, and society. Headquartered in Japan, NEC started operations in India in the 1950s, accelerating its growth through the expansion of business to global markets. NEC in India expanded its business from telecommunications to public safety, logistics, transportation, retail, finance, unified communication, and IT platforms, serving across governments, businesses as well as individuals. With its Centre of Excellence for analytics platform solutions, big data, biometrics, mobile and retail, NEC in India offers innovative new services and solutions for India and global markets.

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For further information, please visit: https://in.nec.com/

**Media Contact**: Jessy Iype: jessy.iype@india.nec.com

**About Edulateral:** Edulateral Foundation is a Non- Profit Organization focuses on bridging the academia-industry divide, bringing together developing and developed nation's education research model, enhancing student employability, promoting innovation, and creating an entrepreneurial ecosystem in India. Working primarily with emerging technologies and striving to leverage them to augment and upgrade the knowledge ecosystem. We envision a world where enduring, abundant, meaningful access to latest technology, advance knowledge, creative engagements, and information to empower and inspire humanity.

For further information, please visit: https://www.edulateral.com/

**Contact**: Dr.G. Pradeep: pradeep@edulateral.com