

Vignan Faculty Attend VEDA IIT Silver Jubilee in Hyderabad

Collaboration in VLSI education and research reaffirmed

Faculty members from VFSTR, attended the Silver Jubilee celebrations of VEDA IIT held in Hyderabad. The event marked 25 years of academic excellence by VEDA IIT, a pioneering institute in VLSI and Embedded Systems education in India.

Representing Vignan University were:

- I. Dr. M. Sarada, Head, Department of ECE
- II. Dr. T. Pitchaiah, Head, Department of BME
- III. Dr. V. Venkata Reddy, Assistant Professor, Department of ECE

The celebration brought together faculty from leading institutions, alumni, industry experts, and academic partners to commemorate the institute's growth and sustained contribution to semiconductor and embedded systems training.

VFSTR has an active Memorandum of Understanding (MoU) with VEDA IIT, facilitating skill enhancement programmes, internships, and industry-oriented VLSI training for students. Through this collaboration, a significant number of Vignan students have received advanced training and secured placements in renowned semiconductor firms including Intel, AMD, Qualcomm, Cadence and other leading companies.

During the event, the leadership of VEDA IIT expressed appreciation for Vignan University's contribution and participation, reiterating their intent to further strengthen academic and industry engagement. They acknowledged the



positive impact the collaboration has created in enhancing student competencies and expanding placement opportunities.

The milestone celebration not only highlighted VEDA IIT's 25-year journey but also reinforced the continued academic-industry partnership benefiting aspiring VLSI professionals from Vignan University.

Vignan University extended congratulations to the management, faculty, alumni and students of VEDA IIT on the successful completion of 25 years and expressed interest in further collaborative initiatives aimed at nurturing future-ready semiconductor professionals.

National FDP on Advances and Innovations in Supercomputing and Artificial Intelligence

A Six-Day AICTE ATAL-Sponsored Online Faculty Development Programme

A Six-Day Online Faculty Development Programme (FDP) on "Advances and Innovations in Supercomputing and Artificial Intelligence (AI)", sponsored by AICTE ATAL, was successfully conducted from 24th to 29th November 2025. The FDP received strong national participation, with 113 registered participants from 58 institutions across India, and an average attendance of 75 participants per session.

The programme aimed to enhance participants' understanding of cutting-edge High-Performance Computing (HPC), emerging Artificial Intelligence (AI) paradigms, and next-generation computing ecosystems including quantum computing and photonics-based systems.

The first day began with a foundational session on HPC

architecture delivered by Mr. Om Jadhav (Scientist-D, C-DAC, MeitY, Govt. of India), followed by further key insights into optimization and parallel computing.

Day two featured an expert talk by Dr. Om Pal, who holds degrees in Computer Science Engineering, MBA, MS (Research) from IIT Bombay, a PG Diploma in Cyber Law and Digital Forensics, and a PhD in Information Security from Jamia Millia Islamia. His session deepened participant understanding of security frameworks, digital defense, and cyber-aware AI systems.

The FDP progressed with technical sessions on Parallel Programming (MPI/OpenMP) and practical learning modules in CUDA programming, strengthening participants' ability to work with GPU-accelerated architectures central to contemporary

supercomputing systems.

A major highlight of the programme was its strong emphasis on quantum computing research and industrial applications, led by global experts:

1. Dr. Mirko Amico, Technical Lead at IBM Quantum, delivered an advanced session on Quantum Algorithm Engineering, covering error mitigation and pathways toward quantum advantage.
2. Dr. Pranav Mundada, Head of Hardware Automation and Integration at Q-CTRL, presented insight into quantum error correction, firmware advancement, and AI-driven automation of quantum systems.
3. Biman Chattopadhyay, Co-founder & CTO, Quanfluence, introduced participants to India's emerging photonic quantum computing ecosystem, highlighting his work on photonic processors, integrated quantum optics, and innovations backed by 22 US patents.
4. Laxmi Chandolia, Co-founder & COO of SafeQbit Technologies Pvt. Ltd., delivered applications-focused demonstrations on quantum-safe cryptography and Qiskit-driven security frameworks.
5. Further strengthening the bridge between HPC and AI, industry researchers from C-DAC contributed deeply applied perspectives:
6. Shashank Sharma (Scientist-D, C-DAC) shared insights into benchmarking and next-generation accelerator technologies including NVIDIA, Cerebras, Intel GPUs, IPUs, and MiPhi, showcasing their integration into AI workloads.
7. Dr. Vamshi Krishna, a distinguished expert with over two decades of experience in HPC deployment, discussed his contributions to the National Supercomputing Mission, including the installation of over 30 supercomputing units across major academic and research institutions.

Power Consumption on the campus

Date	(A, H, U & N –Block, Boys hostel, Guest house, etc.) Units
01.12.2025	10870
02.12.2025	9110

Lunch Availed by Staff

Date	(A, H, U & N Block) Strength
01.12.2025	690
02.12.2025	480
03.12.2025	690

Staff Attendance Details

Date	Staff	VIMS Total	Present	Dynamic Thumb	OD	Total Attended	% of Attendance
01.12.2025	Teaching	552	428	36	5	469	84.96
	Non teaching	497	375	48	2	425	85.51
02.12.2025	Teaching	557	426	38	4	468	84.02
	Non teaching	497	400	52	3	455	91.55
03.12.2025	Teaching	557	446	36	2	484	86.89
	Non teaching	498	395	45	4	444	89.16

A sector-driven case study on Supercomputing in Healthcare and Diagnostics further demonstrated real-world applications of HPC-AI convergence in bioinformatics, medical imaging, and predictive analytics.

Across 13 structured sessions, the FDP comprehensively aligned with its core themes:

1. Advances in Classical Supercomputing
2. (HPC Architecture, OpenMP, MPI, CUDA, LLM workloads)
3. Innovations in AI
4. (Deep Learning, Generative AI, HPC-AI ecosystem integration)
5. Next-Generation Computing Paradigms
6. (Quantum Computing, Photonic Processors, Qiskit Simulators, Quantum Security)

The FDP concluded with highly positive feedback, recognizing the programme as a meaningful and future-driven initiative that successfully connected classical HPC foundations with rapidly evolving computing technologies.

Finance 29 & 3005.11.2025

Particulars	Amount in Lakhs
D.Vijay Krishna Dean T&P	30000
Hitech Print Systems Ltd,Vja - Exam Cell	3862
Hitech Print Systems Ltd,Vja - Exam Cell	12740
USDC Projects India Pvt.Ltd, Bangalore (2025-26)	773581
Sree Raamasai Office Solutions PLtd.-Exam Cell	20880
CDOE Course Fee Refund	200000
Remuneration Payable (Teaching Assts)	1745836
Gratuity	155769
Gratuity	120652
Gratuity	369273
Gratuity	325383
Gratuity	358264
Gratuity	81718
Gratuity	112491
Gratuity	194743
314 - Remuneration (CDOE)	61505
ICMR Project R&D Bio-Tech Dept - Dr. Firdoz Shaik	60825
Dr.B.Nageswara Rao, E-Cell	52
411-Career Development Fund	7080
Yohan Perika Life Skill Trainer	31500
EduNXT AI Services Pvt.Ltd., Hyderabad	126000
D.Prasantha Valli Scholar Dept:Physics ERA	4130
Remuneration Payable	121564
205 - Gifts to Staff Members	3000
8) Fee Refund (Tuition Fee)	2072200
Sk Masthan Vali, Jr.Asst, Reg.Office	5000
D. Raghu Babu, Kondapalli	95000
Salaries Payable	69364268
Staff Bank Loan	246300
TOTAL	7,67,03,616

Birthday Wishes

Students, Staff and Management wishes

Happy Birthday to

01.12.2025

Dr.Rajeev Ranjan

Asst. Prof., CHEMISTRY

Dr.M.Nirupama Bhat

Professor, ACSE

Dr.Manne Bharathi

Asst. Prof., EEE

NTR Vignan Library

DATE	NO.OF VISITORS (STUDENTS)	NO.OF VISITORS (STAFF)	NO.OF BOOK ISSUES	NO.OF BOOK RETURNS
29.11.2025	2364	123	115	82
01.12.2025	2358	123	83	145
02.12.2025	2350	127	111	134

Girls Hostel Students Information

Date	Total No. of students in hostel	Presentees	Students went to outing
02.12.2025	2726	2515	211
	Total no. of students attending for study hours	Attended	Not Attended
	—	—	—
	Total no. of students engaging in sports/ NCC	Participated	Not participated
	Sports -100 NCC-50	0	150

No. of sick students in the hostel UG

1 st year	2 nd year	3 rd year	4 th year
5	3	2	1

“If we escape problems – we escape growth.”