



# AVIT

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

Vinayaka Missions Chennai Campus

DIAMOND

QS

I-GAUGE

INDIAN COLLEGE RATINGS

# VEmerge<sup>+</sup>

....*The Power of Brilliance*



## VINAYAKA MISSION'S RESEARCH FOUNDATION

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



Accredited with  
'A' Grade by NAAC



## VEmerge+

At AVIT, VEmerge+ represents a strategic convergence of academia and industry. Designed to bridge the gap between classroom learning and real-world application, VEmerge+ delivers industry-integrated specialization programmes that prepare students for emerging technologies, evolving roles, and global career opportunities. Through deep collaboration with leading industry partners, the initiative ensures graduates are equipped not just with knowledge, but with relevance.

## Highlights of VEmerge+

- ✦ Industry-integrated specialization programmes designed around emerging and future career paths
- ✦ Curriculum developed and delivered in collaboration with reputed global and national industry partners
- ✦ Learning focused on practical use of real-world tools, platforms, and professional practices
- ✦ Strong hands-on learning through labs, live projects, case studies, and hackathons & ideathons
- ✦ Industry-recognized certifications included as part of the programme
- ✦ Emphasis on internships, portfolio building, and overall placement preparedness
- ✦ Graduates gain practical skills, strong domain knowledge, and a clear understanding of industry expectations



**Times  
Higher  
Education**

In subject-specific rankings, the institution secured a position in the 801-1000 range for Engineering (61<sup>st</sup> among Indian universities)



Awarded an overall rating of **DIAMOND** from QS I-GAUGE



INDIA Academia Rankings 2025 has positioned AVIT in the Diamond Band & Gold Band in India for Research Excellence Category

INDIA Academia Rankings 2025 has positioned AVIT in the Diamond Band in India for Research Excellence



AVIT has met the Happiness Index Criteria set by QS I-GAUGE and is certified as Institution of Happiness 2025-26



**Recognised Business Incubators**



**Approved by AICTE**



AVIT has been recognized with top- rated status under IIC 6.0 for the 5<sup>th</sup> consecutive year.



AVIT is ranked 4<sup>th</sup> in the National Sustainability Impact Institution's Ranking (NSIIR) in category: Top 5 Institutions

## Programmes Offered

| Industry Partners                                                                                                                                                                                                                                     | Industry-Integrated Specialization Programmes |                    |                                   |                         |          |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------|-----------------------------------|-------------------------|----------|----------|----------|
|                                                                                                                                                                      | B.E. CSE                                      | B.E. CSE (AI & ML) | B.E. CSE (Cyber Security)         | B.E. CSE (Data Science) | B.E. ECE | B.E. EEE | B.E. BME |
|                                                                                                                                                                      | B.E. CSE                                      | B.E. CSE (AI & ML) | B.E. CSE (Cyber Security)         | B.E. CSE (Data Science) | B.E. ECE | B.E. EEE |          |
|                                                                                     | B.E. CSE                                      | B.E. CSE (AI & ML) | B.E. CSE (Cyber Security)         | B.E. CSE (Data Science) | B.E. ECE | B.E. EEE | B.E. BME |
|    | B.E. ECE                                      | B.E. EEE           | B.E. Biomedical Engineering (BME) |                         |          |          |          |
|                                                                                                                                                                     | B.Tech. Biotechnology                         |                    |                                   |                         |          |          |          |
|                                                                                                                                                                    | B.E. Mech.                                    | B.E. Civil         |                                   |                         |          |          |          |

## Annual Tuition Fee

|                                            |                                                                                                                                                                                                                                                                                                               |                                                                                     |                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                       |                                                                                       |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Industry Partners                          |                                                                                                                                                                                                                            |  | <br> | <br><br>Vizag |  |  |
| Annual Tuition Fee **                      | ₹2,50,000/-                                                                                                                                                                                                                                                                                                   | ₹2,00,000/-                                                                         |                                                                                                                                                                            |                                                                                                                                                                                       | ₹1,50,000/-                                                                           | ₹1,00,000/-                                                                           |
| Other fee payable at the time of admission | <ul style="list-style-type: none"><li>▪ Career Advancement Fee – ₹17,500 (First Year); ₹15,000 from Second Year onwards</li><li>▪ Caution Deposit (refundable) – ₹5,000</li><li>▪ Skill Lab &amp; Development Fee – ₹3,600 per year** (18% GST)</li><li>▪ Examination Fee – As per university norms</li></ul> |                                                                                     |                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                       |                                                                                       |
| Eligibility                                | Pass with 60% aggregate in 10+2 examination or equivalent                                                                                                                                                                                                                                                     |                                                                                     |                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                       |                                                                                       |

# Endorsing a Career that Transcends your Future

Bespoke Certification Programmes to Master Industry 5.0 Skills

intel & NEC



## Programmes

- B.E. CSE
- B.E. CSE (AI & ML)
- B.E. CSE (Cyber Security)
- B.E. CSE (Data Science)
- B.E. ECE
- B.E. EEE
- B.E. BME

## Specializations / Subjects



Artificial Intelligence & Machine Learning (AI & ML)



Cyber Security



Internet of Things (IoT)

## Programme Highlights



7+7 certifications from both Intel & NEC



Get trained directly by Intel & NEC domain experts



Curriculum as per industry standards



Incubation support



Capstone project



Assured Internship & Placement

## Access to Advanced Technical Libraries of Intel & NEC

Learn more about multiple languages



Access support for multiple operating systems



### Programmes

### Specializations / Subjects

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. - Computer Science and Engineering (Data Science)

- Full stack java web development with AI
- Embedded IoT development
- Applied embedded engineering, C/C++
- Automation testing with scripting
- AI with LLM
- Software engineering
- Business analytics
- Enterprise programme management
- Data centre management

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

- Full stack java web development with AI
- Embedded IoT development
- Applied embedded engineering, C/C++
- Automation testing with scripting
- AI with LLM
- Software engineering
- Business analytics
- Enterprise programme management
- Data centre management
- AI for work productivity
- Network administration with 5G

### Programme Highlights



Learn from experienced professionals & industry leaders of HCLTech



NCVET certificate is awarded to students with a CGPA > 7



Mini projects



Industry-ready project cum internship opportunities



**Guaranteed Placement Assistance**

**AVIT is recognized as an HCLTech Empanelled Campus**

# Bv<sup>rsity</sup>

## Programme

- B.Tech. Biotechnology

### Specializations / Subjects

#### Emerging Trends in Biotechnology



**Digital biology & computational techniques**



**Biomedical informatics & digital health**



**Genomic data science & precision medicine**



**Computational drug discovery & pharma analytics**



**Clinical trials & regulatory affairs**



**Biotech startups & innovation management**



**AI & data science in healthcare**



**Drug discovery & development - biopharma**

## Programme Highlights



Curriculum aligned with the latest biotech trends



6 Industry certifications



Hands-on minor projects



Work on real-world projects, tackle learning challenges



CXO talks and industry expert interactions



Assured Internship & Performance Assessments

# Indian Biomedical Skill Consortium (IBSC)

## Programmes

● B.E. ECE ● B.E. EEE ● B.E. BME

## Specializations / Subjects

### Emerging Trends in Biomedical Engineering



Medical equipment troubleshooting  
(critical care, operation theater,  
radiology)



Basic electronics and components  
& measurements



Clinical laboratory  
equipment



Healthcare  
safety & standards

## Programme Highlights



Internship opportunities, placement support  
with MedTech startups & industry leaders



Hands-on experience in cutting-edge AMTZ MedTech  
labs at Vizag



Capstone project



**Vizag**



## Programmes

## Specializations /Subjects

**B.E. - Civil Engineering**

**Building information modelling**

**B.E. - Mechanical Engineering**

**Product design & manufacturing**



## Programme Highlights



Strategic training partners like Bentley, Autodesk, Sketchup, Dassault, Trimble, ptc



Semester-wise projects mentored by industry experts



Receive Credly badges upon successful project completion every semester



**AICTE-Certified Internship with Assured Placement**





# XTIC

EXPERIENTIAL TECHNOLOGY INNOVATION CENTRE



## IIT Madras

### Programmes

- B.E. CSE
- B.E. CSE (AI & ML)
- B.E. CSE (Cyber Security)
- B.E. CSE (Data Science)
- B.E. ECE
- B.E. EEE
- B.E. BME

### Specializations / Subjects

- Augmented Reality (AR)
- Virtual Reality (VR)
- Mixed Reality (MR)

### Programme Highlights



Enhanced  
problem-solving  
skills



Increased  
engagement



Improved career  
readiness



Innovative  
solutions



Capstone  
project



Internship &  
placement support

# Labs & Research Facilities



**NEC Centre of Excellence**



**Intel Unnati  
Laboratory**



**APPLE Authorized  
Training Center**



**AR/VR/MR  
Laboratory**



**Siemens Integrated Engineering  
Design Research Laboratory**



**Bio Transducer  
Laboratory**



**Renewable Energy  
Laboratory**



**Nano Materials and  
Cancer Biology Research  
Laboratory**



**Plant Tissue Culture and  
Bioprocessing Research  
Laboratory**



**Electrical Machines  
Laboratory**



**CADD**



**Microbiology and  
Down Stream Processing  
Laboratory**

## Student's Testimonial



Working on the HCL project helped me apply my learning to real industry problems and sharpen my skills. The mentor's guidance and support were invaluable in boosting my confidence and professional growth.

**Ms. J.S. Lothiga**  
B.E. - CSE Cyber Security



I had a valuable learning experience at HCL where I explored real-time cyber security monitoring using Splunk. The project helped me understand data ingestion, log analysis, and detecting unusual activities through alerts and dashboards. It also gave me clarity on how SIEM systems work in large organizations & improved my analytical skills. I truly appreciate the mentors for guiding me throughout and helping me grow with confidence.

**Mr. M. Joe Samson**  
B.E. - CSE

## Internship & Industry Training



**Mr. D. Then Kumar**  
III Year, B.E. - Mech



**Mr. Anish Kumar**  
IV Year B.E. - CSE (CS)



**Mr. Dhaneshkumar V**  
B.E.- CSE (AI & ML)



**Mr. Lakshun Balaji**  
B.E.- CSE



**Ms. Poojitha K**  
B.E.- CSE

*Internships at IIT*

*Internships at Thozhil*



**Mr. Shaik Karimulla**  
B.E.- CSE (AI & ML)



**Mr. Jagadeeswar Reddy**  
B.E.- CSE (AI & ML)



**Mr. Deeraj Reddy**  
B.E.- CSE (AI & ML)



**Mr. Dilli Akash**  
B.E. BME



**Mr. Manjit Kumar**  
B.E. - CSE

*Internships at stellaraedutech*

*Internship at Pragyashal Cloud Solutions*



**Mr. Sintu Kumar Singh**  
IV Year B.E. - CSE



**Mr. Ayush Kumar**  
IV Year B.E. - CSE

*Project at Vikram Sarabhai Space Centre (VSSC), ISRO*



**Mr. Chotelal Kumar**  
IV Year, B.E. - CSE

*Internship at CipherPeak*



**Ms. G. Harika**  
IV Year B.E. - CSE

*Internship at National Informatics Centre*



Celebrating Growth: Students Complete HCLTech Internship Program



Recognizing Brilliance: Intel-NEC Star Performers



C3 iTech Initiative Hackathon 2025 winners have secured internships at iTech India

## Contact Details

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🌐 [www.avit.ac.in](http://www.avit.ac.in)

