Amaravati | Amritapuri | Bengaluru | Chennai | Coimbatore

MOVE TO THE FUTURE
HIGHER-ED CONCLAVE ‘22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

OUR ALUMNI WORK WITH GLOBAL LEADERS

DISCOVER WORLD-CLASS OPPORTUNITIES WITH STUDENT EXCHANGE PROGRAMMES
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering was established on 7th October 1996 with seven faculty members. In nearly three decades, it has grown into one of the major departments in Amrita Vishwa Vidyapeetham, with a dedicated team of 60+ experienced and qualified faculty members demonstrating excellence in teaching and research. Presently the department offers Bachelor of Technology (B. Tech.) in Computer Science and Engineering, Master of Technology (M. Tech.) in Computer Science and Engineering, and M.Tech in Artificial Intelligence. The department also offers Ph.D. programmes in thrust areas. The department has attracted the best engineering aspirants and research scholars across the country.

PROGRAMS

Undergraduate
- B.Tech Computer Science and Engineering (CSE)

Postgraduate
- M.Tech Computer Science and Engineering (CSE)
- M.Tech Artificial Intelligence (AI)

Doctorate
- Ph.D.

DEPARTMENT HIGHLIGHTS

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<tr>
<td>56.95 Lakh P.A. Highest CTC</td>
<td>7.5 Lakh P.A. Average CTC</td>
<td>96.73% UG Students Placed in 2022</td>
<td>36 Doctorates (Ph.D. Holders)</td>
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<td>150+ Awards</td>
<td>2.8+ Cr. Research Funding</td>
<td>130+ Student Co-Authored Papers</td>
<td>5000+ Research Articles</td>
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<td>950+ Research Articles</td>
<td>85% Seats Allocated for Scholarship</td>
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INFRASTRUCTURE/RESEARCH LABS

- SiGMA Lab
- CTS Lab
- AMuDA Lab
- MWN Lab
- CORE Lab
- VisHNa Lab
- Intel Intelligent Systems Lab for IoT
FACULTY COMPETENCY

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<tr>
<th>Field</th>
<th>Percentage</th>
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<tr>
<td>Theoretical Computer Science</td>
<td>39%</td>
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<tr>
<td>Computer Systems and Engineering</td>
<td>39%</td>
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<tr>
<td>Networks and IoT</td>
<td>20%</td>
</tr>
<tr>
<td>Databases and Knowledge Engineering</td>
<td>21%</td>
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<tr>
<td>Artificial Intelligence &amp; ML</td>
<td>50%</td>
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<tr>
<td>Security</td>
<td>18%</td>
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<tr>
<td>Software Engineering</td>
<td>21%</td>
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<tr>
<td>Data Science</td>
<td>19%</td>
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THRUST AREA GROUPS

Evolutionary Optimization, Learning and Adaptive Systems (EvOLve)

Network Systems and IoT

Image Analysis and Pattern Recognition

Knowledge Engineering and Semantic Computing

Secure Camera Network Analytics

Vision Language and Learning (VL2)

Data Science / Data Analytics

Artificial Intelligence

Cooperative Cyber-Physical Social Systems

ADDITIONAL PROJECTIONS

Innovations: Student Projects

HP0J is an online code evaluation platform developed in-house by our students. It is being used by 1000s of students in all our programming courses across campuses.

Live-in-Labs

Education for Life: Students are given the opportunity to work with the rural areas to solve real-world problems through technology-enabled solutions in a holistic manner.

Best-practices - Internationalization

Amrita Learning to Integrate Values and Excellence (ALIVE) program enables students to contribute to the society through various activities.
RESEARCH AND EXCHANGE PROGRAMS

Student Research Publications

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<tr>
<td>Value</td>
<td>10</td>
<td>15</td>
<td>19</td>
<td>18</td>
<td>16</td>
<td>12</td>
<td>107</td>
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</table>

Exchange Programs

- KTH: 4
- UCDAVIS Global Study Program: 3
- UNM Exchange Programmes: 3
- Erasmus Mundus India4EU: 126
- Others: 0

Erasmus Mundus India4EU
Politecnico Di Milano, Italy
RWTH University, Aachen, Germany
Univ nova de Lisbon, Portugal

UNM
Univ of New Mexico, USA
TU Munich, Germany

UC Davis & KTH Sweden
Univ of California Davis
KTH Royal Institute of Tech, Sweden

Other Universities
Uppsala University, Sweden
University of Aalto, Finland

RESEARCH FUNDING

[Logos of Cognizant, ISRO, Department of Science and Technology, Amrita Vishwa Vidyapeetham]

HACKATHONS

Prestigious Awards by student teams in Hackathons – National & International level

- Tata Crucible Campus Hackathon 2019
- Singapore-India Hackathon
- NEC - National Hackathon @ Bangalore,
- Smart India Hackathon 2017, 2019, 2020
- a24-Hr ‘Mid-Cohort Hackathon’
- Project Innovation contest- KIT Bhubaneswar
- HackHarvard Global Hackathon, 2019
- GE Digital Industrial IoT Hackathon
- Great Digital India Challenge – IDeate
- Bosch Makersthon
- Free/Libre and Open Source Software Hackathon by IIIT Bombay
- Think with Terra Ideathon in the Fintech Track
- HACKOVERFLOW of “PU Digital Hackathon”
- Cisco hackathon
- LinkedIn-WinThon
- Bounce 1.0 2019 Hackathon @Bangalore
- SLAC Honeywell Hackathon 2019
- AGS Transact National Hackathon @ Bombay
- Transport Hackathon held @ NEC, Gurgaon
- VIVID - A National Level Project Competition
- Top 12 in She: The Force 2021, India’s largest Women-Focused Hackathon,
- WiFi-Asia in association with IBM,
- Hacktix Take-2 2022, a hackathon conducted by IEEE SRM.

COURSE OFFERED IN

Amaravati | Amritapuri | Bengaluru
| Chennai | Coimbatore

📞 04446276066 (Admissions)