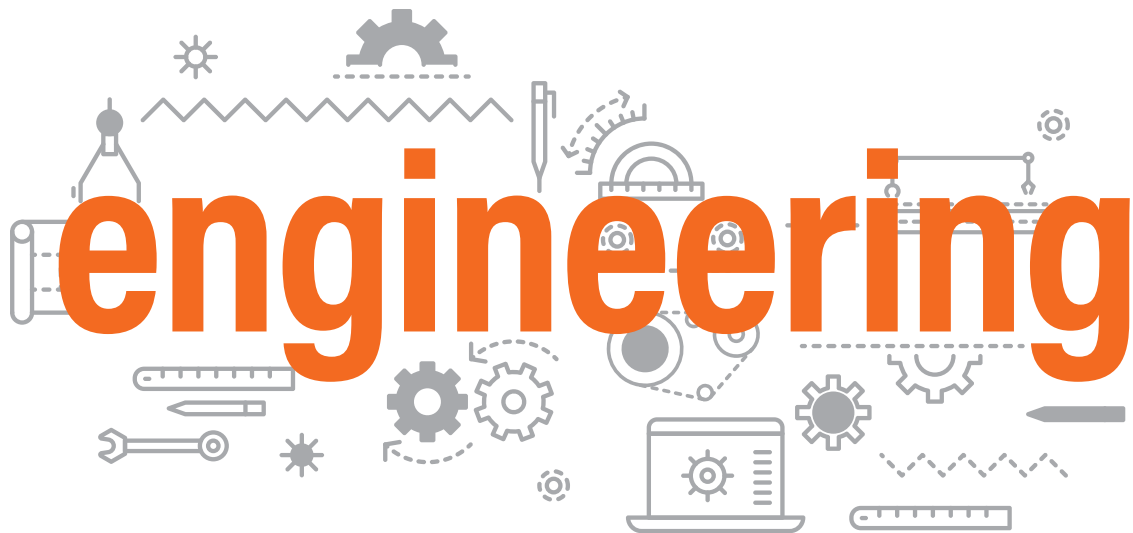


**school of  
engineering**



**avantika**  
UNIVERSITY



# MIT Pune Legacy

Avantika University at Ujjain is a part of MIT Group of Institutions, Pune.

It has contributed towards the industrial, economic, and social growth of the society, and has helped realize the dreams and aspirations of lakhs of students. It makes an obvious destination for aspiring young minds who are in pursuit of best scholastic experience.

With a rich legacy of fostering world-class academic excellence, MIT Group of Institutions is the premier educational group in India, where students are nurtured to become the torchbearers of future.

Established under "Maharashtra Academy of Engineering and Educational Research (MAEER)", Pune, it has revolutionized technical education in Maharashtra since 1980s.

Envisioned by Prof. Dr. Vishwanath D. Karad, Founder, and Chief Patron of MAEER's MIT Group of Institutions who coveted that quality education should reach every scholar irrespective of class, creed, or religion. His objective has always been to motivate students to curate their own stories, carve their own trajectories, and build their own paths.

5

Universities

80+

Institutions

5000+

Faculty

70000+

Students

500000+

Alumni



# About Avantika

Avantika is envisioned as India's first design centered university that links design thinking and creative spirit with multidisciplinary course offerings.

## Affiliations

- Established by an Act of State Legislature of Madhya Pradesh as a Private University, vide the Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalam), Tiritiya Sanshodhan Adhiniyam, 2016 (No. 5 of 2017) published in the "Madhya Pradesh Gazette (Extraordinary)", dated 12<sup>th</sup> January 2017.
- Approved by University Grant Commission (UGC) New Delhi as per the section 2(f) of the UGC Act 1956.
- Recognized by Madhya Pradesh Private University Regulatory Commission (MPPURC), Bhopal.
- Member of Association of Indian Universities (AIU).

## Vision

Avantika aims to nurture and cultivate young minds who will serve as enlightened citizens, bringing positive change to the society.

## Mission

- To provide contemporary and personalized education with a 21<sup>st</sup> century curriculum and learning focused on what really matters in life.
- To nurture a robust ecosystem led by innovation and enterprise to generate exciting research and creative outcomes.
- To ensure a high-quality student experience through a breadth of activities and opportunities with an emphasis on experiential learning.



# Academic Programs

## B.Tech

### Computer Science and Engg.

- Full Stack Development
- Data Science
- Artificial Intelligence
- Cyber Security
- Cloud Computing
- UX Engineering

### Entry Requirements

- 10+2 (from any of the State Boards / CBSE / ICSE / ISC / CIE / IB / NIOS or equivalent exam) with Physics, English, and Mathematics as compulsory subjects
- 50% aggregate in the subject group Physics, Mathematics and Chemistry / Vocational Subject
- Proficiency in English
- Valid Score of JEE / MPCET / CUET or any state entrance examination

**Note:** The university earmarks seats for reserved categories (SC, ST, OBC, EWC, Differently-Abled, etc.) as per the applicable reservation policy decided by the State Government or Government of India from time to time.

## BCA | 3 years

### Entry Requirements

- 10+2 from any stream (from any of the State Boards / CBSE / ICSE / ISC / CIE / IB / NIOS or equivalent exam)
- 50% marks in aggregate
- Proficiency in English

## Ph.D

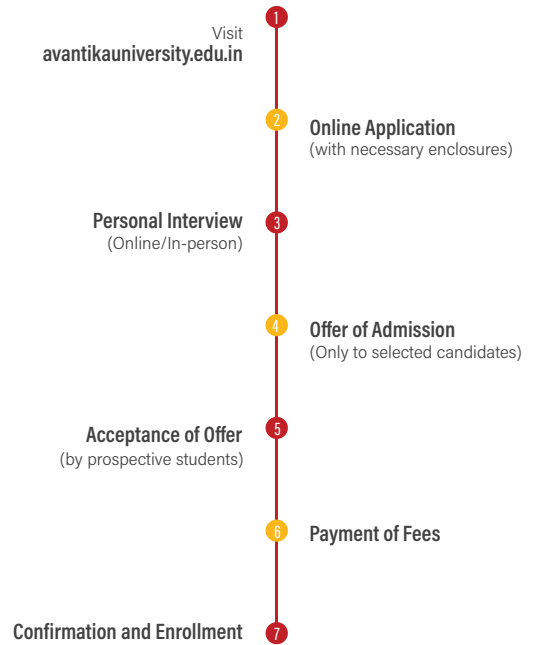
### Entry Requirements

- Master's degree or equivalent in relevant discipline from an approved university / institution with at least 55% marks or a minimum CGPA / CPI of 6 on a 10-point scale or an equivalent grade 'B' wherever grading system is followed
- 4 years / 8 Semester Bachelor's degree or Equivalent from an approved university / institute with at least 75 % marks in aggregate
- Valid score of Avantika Research Test (ART), an entrance test in line with UGC guidelines
- Proficiency in English

**Note :**

- Students with valid UGC-NET (including JRF) / UGC-CSIR NET (including JRF) / SLET / GATE / Teacher Fellowship Holder or who have passed M.Phil. program are also eligible for Ph.D Admission at Avantika University based on interview.
- Part-time Ph.D will be allowed provided all the conditions mentioned in the extant Ph.D regulations are met.

## Admission Process



### \*\* B.Tech / BCA Scholarship Model

100%

95% aggregate marks in Class XII from CBSE / ICSE / State Boards (2023 / 2024)

50%

85% aggregate marks in Class XII from CBSE / ICSE / State Boards (2023 / 2024)

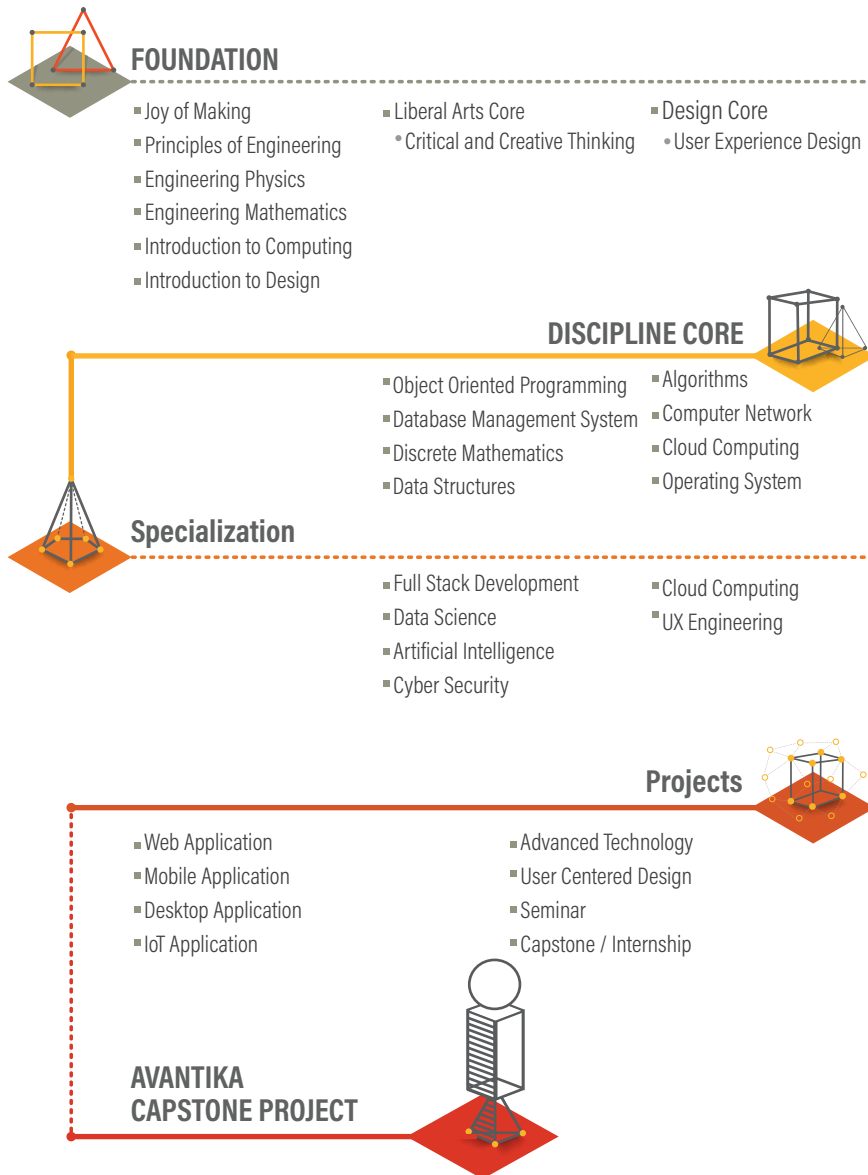
25%

70% aggregate marks in Class XII from CBSE / ICSE / State Boards (2023 / 2024)

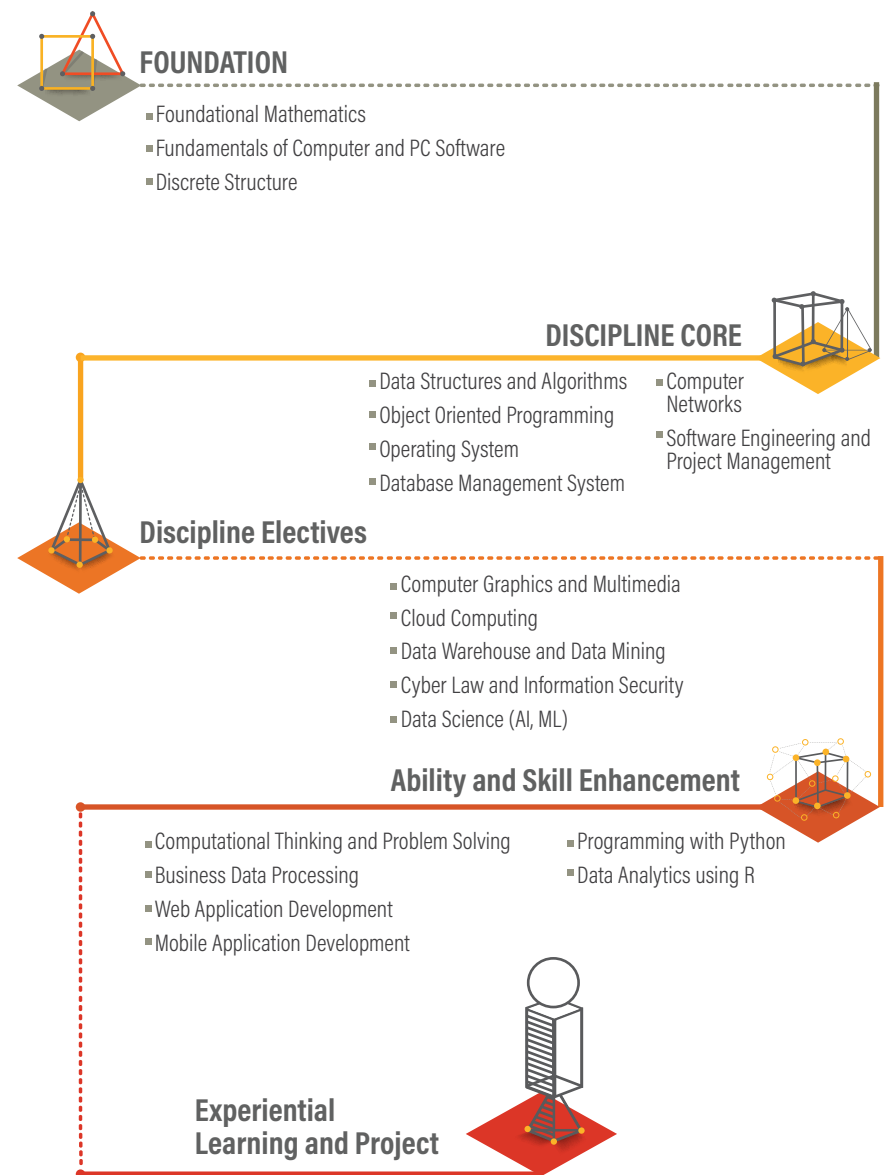
Note : Physical Education / Fine Arts / Performing Arts / Vocational / non written subjects excluded from aggregate computation.

\*\*Scholarship is Applicable only on Tuition Fee (Valid For First Year)

# Academic Framework | B.Tech



# Academic Framework | BCA





# Beyond Academics

## Industry Connect

Workshop, Expert Session, Industrial Visit,  
Innovation & Entrepreneurship training

## Hi-End Labs

Cisco Academic Lab, Fab Lab,  
Data Science and AI Lab

## Professional Society

IEEE, CSI, ACM, ISRO

## Competitions and Events

TechFest, Entrepreneurship Boot Camp,  
Conference B-Plan Contest, Chakravyas,  
TEDxAvantika University, Hackathons

## Life Skills

Harappa Education (Think, Solve,  
Communicate, Collaborate, Lead)

## Student Clubs

Art, Photography, Gaming, Cycling, Robotics,  
Film, GDSC (Google Developer Student Club),  
Toast Master

## Avantika Innovation and Incubation Center (AIIC)

Mentoring, Networking and funding support to budding entrepreneurs

## Social Innovation

Reap Benefit, ABLED Lab, Platinum Lab,  
TCS DISQ, NSS

## Sports and Fitness

Cricket, Football, Basketball, Volleyball,  
Handball, Lawn Tennis, Table Tennis,  
Badminton, Cycling, Kabaddi, Gym, Chess, Carrom

## Recreation

Music, Bird Watching, Star Gazing

## Celebrations and Festivals

Holi, Janmashtami, Onam, Ganesh Chaturthi, Diwali, Halloween,  
Republic Day, Independence Day

## Certifications

Coursera, B.Tech Guru, Swayam, IITB-RC

## Student Exchange

Partnerships with Renowned Global Universities  
for Student Exchange



# Placements

**20** Lakhs  
Highest CTC

**8.5** Lakhs  
Average CTC

**450+**  
Companies Hired

**120+**  
Project Opportunities



# Collaborations

**23**  
Global

**14**  
Professional Bodies

**12**  
Academic



# Experiential Learning



# Student Projects



Smart Scare



Bird Feeder



Coin Sorter



Noise Level Monitoring



Automated Guided Wheelchair



Blind Library



Smart Toilet Management



# Life @ Campus



# Designing

Design+Engineering

Learn Engineering  
the Right Way

## Project based Learning

Work on Projects from Day 1

## Online Certifications

Supplement your learning  
through Swayam and IITB - RC

Industry Driven  
Curriculum  
based on Industry 4.0

## Internship

Work with the industry to  
gain real-time experience

## Legacy

40+ years of excellence of  
MIT Pune

## Trans-Disciplinary

Collaborate within and  
across Disciplines

## Cyber-Physical Systems

Research in the fields of  
Electric Vehicles, Robotics,  
Autonomous Systems, IoT,  
and more

## Cyber Security

Opportunity for Global  
Certification from Palo Alto  
CyberSecurity Academy

## Student Life

Enjoy a vibrant and  
happening student life

## UX Design

Explore the synergy of  
Computer Science and  
User Experience Design

## Flipped Classroom

Enhances active learning  
and student engagement

## Jury Based Examination

Approach promotes objectivity  
and real-world relevance in  
evaluations

## Blended Learning

Traditional classroom teaching  
with online resources, fostering  
a flexible and interactive  
educational experience

# Students' Speak

I am delighted to share my exceptional experience at Avantika University. It has redefined education with its practical-based learning and real-world projects. Avantika's faculties are not just educators; they are mentors who guide students through their learning journey.

**Gaurav Singh Pawar, B.Tech (1<sup>st</sup> year)**



Avantika University stands out with its dynamic curriculum, promoting practical learning and real-world problem-solving. The School of engineering provides a comprehensive learning environment that guides and inspires budding future leaders.

**Devesh Kumavat, B.Tech (3<sup>rd</sup> year)**



Avantika University has played a pivotal role in shaping my character and enhancing my skills. In my journey here, I've developed strong leadership, time management, and teamwork abilities. Avantika's environment has propelled these skills to new heights, contributing significantly to my personal and academic growth.

**Riya Ranjan, B.Tech (2<sup>nd</sup> year)**



My journey at Avantika University transformed my analytical skills through hands-on projects and research for real coding challenges. Faculty guidance and top-notch infrastructure foster academic growth, emphasizing innovation, entrepreneurship, and communication skills. It's a roadmap for success in coding and preparing future engineers for success.

**Yash Gadwar, BCA (1<sup>st</sup> year)**





Avantika University, Vishwanathpuram, Lekoda, Ujjain - 456006, Madhya Pradesh



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