



MIT | Arts, Commerce & Science College

Autonomous College Affiliated to Savitribai Phule Pune University
Accredited by NAAC with "A" Grade

M.Sc. Computer Science

ACADEMIC YEAR 2026-27



Excellence in Education

MIT Arts, Commerce and Science College established by Prof. (Dr.) Vishwanath Karad in 2007 under the aegis of Maharashtra Academy of Engineering and Educational Research (MAEER) Pune, affiliated with Savitribai Phule Pune University and recognised by the Government of Maharashtra has emerged as a prominent institute emphasizing on quality education, research opportunities and exposure to advancing academic innovation and engaging students, staff, alumni, and other stakeholders to achieve its educational goals. Located in a peaceful and nurturing environment, the college is Equipped with top- notch infrastructure with latest technological advancements and excellent library facilities for seamless academic activities. Research and academic programmes are driven by our highly qualified and experienced faculty members who foster in-depth knowledge and practical skills through active learning, field visits, expert guidance, training programs, research support, and continuous assessment. We have the Training and Placement Cell who facilitates the process of campus placement, strives to help students in improving communication and employment- seeking skills and assist to explore the various job opportunities thus leading to best placements amongst educational institute in Pune.

Awards, Affiliations and Recognition:

- MIT ACSC College is Accredited by NAAC with a CGPA of 3.21 on a Four point scale at 'A' Grade.
- Affiliated to Savitribai Phule Pune University and recognised by the Government of Maharashtra.
- Our educational institution in Pune, Maharashtra, has received the Education Excellence Award for achieving outstanding placements amongst other regional institutions.
- We are proud to have received the Best College Award in Rural Area for two consecutive years (2015-16 & 2016-17) from Savitribai Phule Pune University. We recognise our commitment to providing quality education in underserved areas.
- Our efforts towards student development have been acknowledged with the University Level Best College Award for 2017-18 by Savitribai Phule Pune University, underscoring our dedication to nurturing well-rounded individuals.
- We are ranked among the top colleges in India by India Today MDRA Best Colleges Ranking for 2018, 2019, 2020, and 2022, attesting to our reputation for excellence in education.
- MITACSC has secured the 3rd position in the prestigious TOP 10 EMERGING COLLEGES 2022, recognizing colleges established in or after 2010 for outstanding performance. The college is proud of its accomplishments and advancements and is committed to owning its promising future.

----- Undergraduate Programs -----

- | | |
|--|-------------------------------------|
| ❖ B.Com. (Bachelor of Commerce) | ❖ B.Sc. (Animation) |
| ❖ BBA (Bachelor of Business Administration) | ❖ B.Sc. (Computer Science) |
| ❖ BBA (International Business) | ❖ B.Sc. (Cyber & Digital Science) |
| ❖ BCA (Science) | ❖ B.Sc. (Information Technology) |
| ❖ B.Sc. (Artificial Intelligence & Machine Learning) | ❖ B.Sc. (Data Science) |

----- Postgraduate Programs -----

- | | |
|-------------------------------------|---|
| ❖ M.Sc. (Computer Science) | ❖ M.Sc. (Computer Application) |
| ❖ M.Sc. (Data Science) | ❖ M.Sc. (Information Technology) |
| ❖ M.Sc. (Cyber & Digital Science) | ❖ M.Sc. (Industrial Mathematics with
Computer Application) |

----- Ph.D. -----

- ❖ Ph.D. - Mathematics

M.Sc. Computer Science

----- About the Course -----

M.Sc. in computer science is a career-making course for computer enthusiasts. It focuses on the development of software and networking-based skills. The curriculum is meticulously designed for honing abilities in learning new technology, grasping the concepts and difficulties underlying computer use, and developing advanced programming skills and strategies to address diverse logical challenges using different programming languages. The programme's curriculum focuses on preparing students for innovation within major tech companies or entrepreneurship within startup ventures. This program provides technology-oriented students with the knowledge and skills to produce creative solutions and better understand the impact of future developments in computer systems and technology on people and society.

----- Why to preferred MIT ACSC for M.Sc. CS -----

- Students are provided with opportunities to develop and hone core competency in the field of computer science and encourage them to make a mark in the much sought after IT industry.
- Learn Machine Learning, Soft Computing, Cloud Computing, Big Data Analytics, Mobile Technologies, and Web Framework (NodeJS, ExpressJS).
- Mandatory 6 months Industrial training & IT project in the curriculum.
- Opportunities to work as a Software Developer, System Integrator, Data Scientist and System Analyst.
- Opportunities to get higher education in – M.tech, M.Phil & Ph.D. • 100 % Placement Assistance

----- Career Prospects after M.Sc. CS -----

Due to the rapid growth of computer applications and their need in life, there are many job opportunities in various fields for students graduating from this programme. Various job opportunities are available like computer and information research scientist, software developer, network architect, database administrator, web developer, mobile app developer, computer system analyst, etc., System Integrator, Data Scientist and System Analyst.





Eligibility

Bachelor of Computer Science (B.C.S.) OR B.Sc.(Computer Science) OR B.C.A.(Science) OR B.Sc.(Information Technology) OR B.Sc.(Data Science) OR B.Sc.(Cyber and Digital Science) OR B.Sc. (Cyber Security) OR B.Sc. (Cloud Computing) OR (i) Bachelor of Engineering (BE) in Computer Science/Information Technology/ Electronics and Telecommunication/AI and Data Science/AI and Machine Learning/ equivalent OR (ii) B.Voc. in Software Development/ Information Technology (iii) B.Sc. with Computer Science as Principal Subject (iv) General B.Sc. with Computer Science as one of the subject at TYBSc level.

----- How to Apply ? -----

An eligible candidate has to apply directly to the college through the college admission application form. Visit the college website <https://apply.mitacsc.ac.in> to apply online.



----- Program Structure -----

M.Sc. (Computer Science) SEMESTER I										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2412MJCT101	Major Core	Python Programming for Data Analysis	4	-	40	60	100	4	-	4
2412MJCT102		Advanced Databases Technology	4	-	40	60	100	4	-	2
2412MJCT103		Cloud Computing	2	-	20	30	50	2	-	2
2412MJCP104		Lab course on Python Programming for Data Analysis	-	4	20	30	50	-	2	2
2412MJCP105		Lab course on Advanced Databases Technology	-	4	20	30	50	-	2	2
2412MJET106A	Major Elective	Full Stack Development - I	2	-	20	30	50	2	-	2
2412MJEP107A		Lab course on Full Stack Development – I	-	4	20	30	50	-	2	2
OR		OR								
2412MJET106B		C# .NET Programming	2	-	20	30	50	2	-	2
2412MJEP107B		Lab course on C# .NET Programming	-	-	20	30	50	-	-	2
2412MJCT108	Major Core	Research Methodology	4	-	40	60	100	4	-	4
Total			16	12	220	330	550	16	6	24

M.Sc. (Computer Science) SEMESTER II										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2412MJCT201	Major Core	Design and Analysis of Algorithms	4	-	40	60	100	4	-	4
2412MJCT202		Mobile App Development Technologies	4	-	40	60	100	4	-	2
2412MJCT203		Data Mining & Data Warehousing	2	-	20	30	50	2	-	2
2412MJCP204		Lab course on Design and Analysis of Algorithms	-	4	20	30	50	-	2	2
2412MJCP205		Lab course on Mobile App Development Technologies	-	4	20	30	50	-	2	2
2412MJET206A	Major Elective	Full Stack Development – II	2	-	20	30	50	2	-	2
2412MJEP207A		Lab course on Full Stack Development – II	-	4	20	30	50	-	2	2
OR		OR								
2412MJET206B		ASP.NET Programming	2	-	20	30	50	2	-	2
2412MJEP207B		Lab course on ASP.NET Programming	-	4	20	30	50	-	2	2
2412OJTP208	OJT	On Job Training/Winter Internship (120 Hours)	-	2	40	60	100	-	4	4
Total			12	14	220	330	550	12	10	24

----- Program Structure -----

M.Sc. (Computer Science) SEMESTER III										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2412MJCT301	Major Core	Advanced Java Programming	4	-	40	60	100	4	-	4
2412MJCT302		Machine Learning	4	-	40	60	100	4	-	2
2412MJCT303		Agile Software Development	2	-	20	30	50	2	-	2
2412MJCP304		Lab course on Advanced Java Programming & Agile Software Development	-	4	20	30	50	-	2	2
2412MJCP305		Lab course on Machine Learning	-	4	20	30	50	-	2	2
2412MJET306A	Major Elective	Full Stack Development- III	2	-	20	30	50	2	-	2
2412MJEP307A		Lab Course on Full Stack Development- III	-	4	20	30	50	-	2	2
OR		OR								
2412MJET306B		Image & Video Processing	2	-	20	30	50	2	-	2
2412MJEP307B		Lab Course on Image & Video Processing	-	4	20	30	50	-	2	2
2412RPRP308	Research-Project	Research Work	-	-	40	60	100	-	2	4
Total			12	14	220	330	550	12	10	22

M.Sc. (Computer Science) SEMESTER IV										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2412MJCP401	Major Core	Full Time Industrial Training(IT) (360 Hrs.)	-	2	120	180	300	-	12	12
2412MJET402	Major Elective	MOOC Courses (Any Two Courses)	-	-	40	60	100	4	-	4
2412RPRP403	Research Project	Research Project	-	2	60	90	150	-	6	6
Total			12	14	220	330	550	4	18	22

Departmental Activities

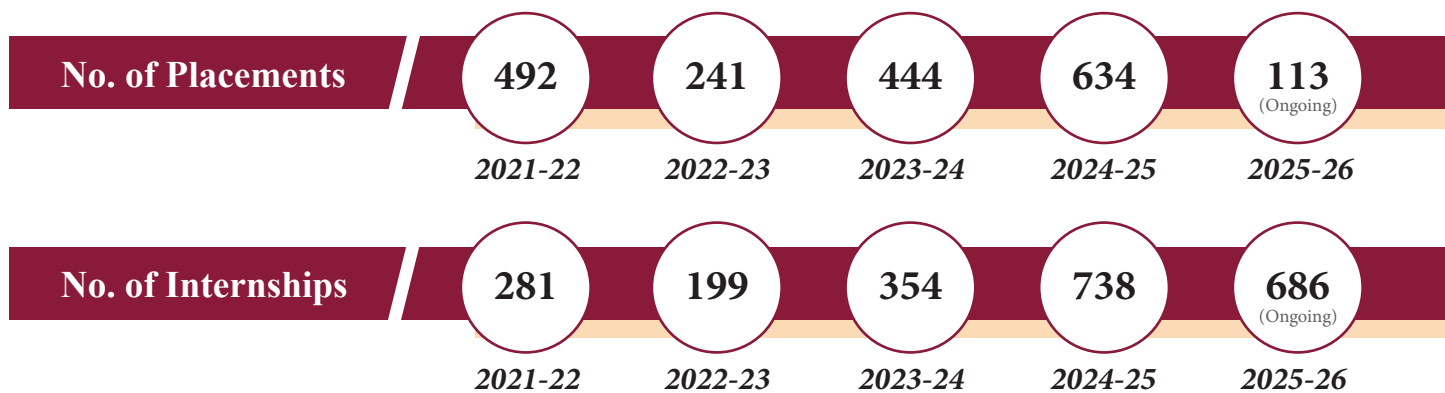
- Scifari-Flagship Event
- Vocational skill development sessions
- Expert Guidance Sessions
- Study Visits
- Add on courses
- Student centric evaluation system
- Student mentoring
- Workshops, Seminars, Guest interviews, Special shoot
- Awareness of Human Rights
- Professional Consultation Programs
- Connect with Parents
- Celebration of Special days
- College Level News Bulletin
- Club activities and competitions
- Research publication by students along with teacher



Training & Placement



- ✓ 100 % Assistance for Placements & Internships
- ✓ Campus Recruitment Training - Soft Skills & Aptitude
- ✓ Corporate Outreach Activities
- ✓ Industry Expert Talks
- ✓ Dedicated Software Implementation for Internships & Placements



MIT ACSC CAMPUS



Class Room



Digital Library



Indoor Sports



Library



Library



Class Room



Computer Lab



Canteen



Cultural Room



Class Room



Electronic Lab



AV Studio



Canteen



Outdoor Sports



Garden Area

A centre of enlightenment, freedom of thought, and academic excellence.



MIT Arts, Commerce & Science College



Connect with Us !

MIT | Arts, Commerce
& Science College

Tel: +91-8055350000 | Email: admission@mitacsc.ac.in

www.mitacsc.ac.in