MIT | Arts, Commerce & Science College

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

Masters of Science
Information Technology

ACADEMIC YEAR 2025 - 26

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.

MIT ACSC offers a wide range of **Undergraduate** and **Postgraduate** programs:

---------------------------------- **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)
❖ BBA (Computer Application)	❖ B.Sc. (Information Technology)
❖ BCA (Science)	❖ B.Sc. (Data Science)
❖ B.Sc. (Artificial Intelligence & Machine Learning)	❖ B.Sc. (Industrial Mathematics with Computer Application)

---------------------------------- **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. Information Technology

The Master of Science in Information Technology (MSc IT) is a postgraduate program designed to provide advanced knowledge and skills in IT and related fields. It covers areas such as software development, data analytics, cyber security, artificial intelligence, and IT project management. The course typically spans 1-2 years and equips students with theoretical and practical expertise to pursue careers in IT consulting, development, management, and research. Eligibility usually includes a bachelor's degree in IT or a related discipline.

-------- **Key Features of M.Sc. IT** --------

- Equip students with in-depth theoretical and practical understanding of IT systems, technologies, and methodologies.
- Enable students to conduct advanced research, analyze complex problems, and contribute innovative solutions in the IT field.
- Develop management and leadership skills to handle IT projects and teams effectively.
- Emphasize the importance of professional ethics and responsible use of technology.

-------- **Why MIT ACSC for M.Sc. IT** --------

- Industry-Relevant Curriculum Updated regularly to reflect the latest IT trends and technologies.
- Dedicated Career support, strong placement cell and career counseling services.
- A student-centric environment that nurtures overall growth.
- Focus on development of leadership, communication, and problem-solving abilities.

Our Course Focused on: Computer programming | Software development | Networking and Communication | Cyber security | Database Management | Cloud computing

Eligibility

A Bachelor Degree in Science / Technology / Engineering with minimum 50% marks or equivalent (45% for reserved category student as per the Maharashtra State Government Rules).

-------- **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.

		M.Sc. (Information Technology) | 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
2417MJCT101	Major Core	Web Techniques	4	-	40	60	100	4	-	4
2417MJCT102		Advanced Database Concepts	4	-	40	60	100	4	-	4
2417MJCT103		Cloud Computing	2	-	20	30	50	2	-	2
2417MJCP104		Lab course on Web Techniques	-	4	20	30	50	-	2	2
2417MJCP105		Lab course on Advanced Database Concepts	-	4	20	30	50	-	2	2
2417MJET106A	Major Elective (Choose A Or B)	Introduction of Data Sciencein Python	-	-	20	30	50	2	-	2
2417MJEP107A		Lab course on Introductionof Data Science in Python	2	4	20	30	50	-	2	2
OR		OR								
2417MJET106B		C# .Net Programming	-	4	20	30	50	-	2	2
2417MJEP107B		Lab course on C# .Net Programming	4	-	20	30	50	4	-	4
2417MJCT108	Major Core	Research Methodology	4	-	100	-	-	4	-+	4
Total			**16**	**12**	**280**	**270**	**550**	**16**	**06**	**22**

		M.Sc. (Information Technology) | 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
2417MJCT201	Major Core	Web Framework-I	4	-	40	60	100	4	-	4
2417MJCT202		Data analytics andvisualization	4	-	40	60	100	4	-	4
2417MJCT203		Advance Networking	2	-	20	30	50	2	-	2
2417MJCP204		Lab course on WebFramework- I	-	4	20	30	50	-	2	2
2417MJCP205		Lab course on Data analytics and visualization	-	4	20	30	50	-	2	2
2417MJET206A	Major Elective	Big Data	2	-	20	30	50	2	-	2
2417MJEP207A		Lab course on Big Data	-	4	20	30	50	-	2	2
OR		OR								
2417MJET206B		Django Framework	2	-	20	30	50	2	2	2
2417MJEP207B		Lab course on DjangoFramework	-	4	20	30	50	-	2	2
2417OJTP208	OJT	On Job Training (120 Hrs)	-	2	100	-	100	-	4	4
Total			**12**	**14**	**280**	**270**	**550**	**12**	**10**	**22**

**M.Sc. (Information Technology)	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	
2417MJCT301	Major Core	Web Framework-II	4	-	40	60	100	4	-	4	
2417MJCT302		Machine Learning	4	-	40	60	100	4	-	4	
2417MJCT303		Information Assurance and Security	2	-	20	30	50	2	-	2	
2417MJCP304		Lab course on WebFramework- II	-	4	20	30	50	-	2	2	
2417MJCP305		Lab course on MachineLearning	-	4	20	30	50	-	2	2	
2417MJET306 A	Major Elective	Mobile Technology	2	-	20	30	50	2	-	2	
2417MJEP307 A		Lab Course on MobileTechnology	-	4	20	30	50	-	2	2	
OR		OR									
2417MJET306 B		Design and Analysis ofAlgorithm	2	-	20	30	50	2	-	2	
2417MJEP307B		Lab Course on Design & Analysis of Algorithm	-	4	20	30	50	-	2	2	
2417RPRP308	Research Project	Research Work	-	2	40	60	100	-	4	4	
Total			**12**	**14**	**280**	**270**	**550**	**12**	**10**	**22**	

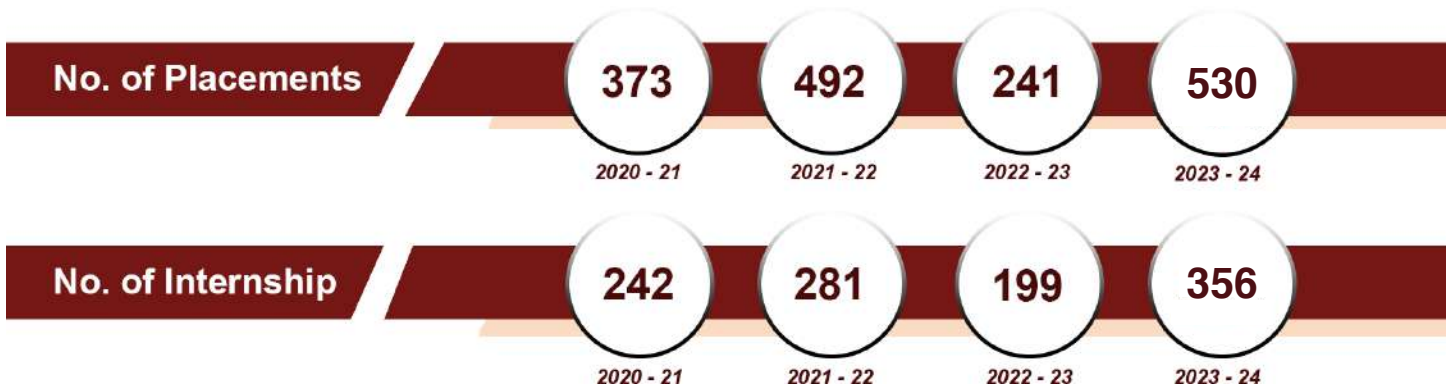|											
**M.Sc. (Information Technology)	SEMESTER IV**										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits			
			TH	P	CCE	EE	Total	TH	P	Total	
2417MJCP401	Major Core	Full Time Industrial Training (IT)	-	2	120	180	300	-	12	12	
2417MJET402	Major Elective	MOOC Courses (any two)	-	-	-	-	-	4	-	4	
2417RPRP403	ResearchProject	Research Project	-	2	60	90	150	-	6	6	
Total			**6**	**4**	**180**	**270**	**450**	**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
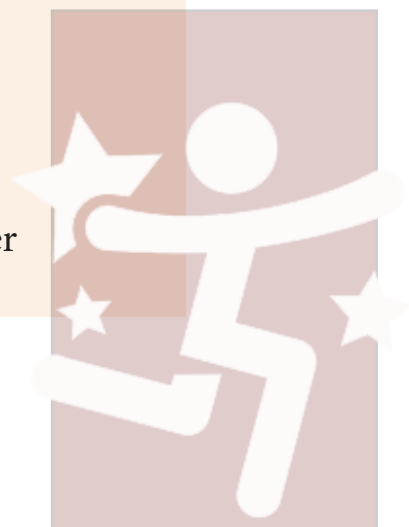
Training & Placement

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

No. of Placements	373	492	241	530
	2020 - 21	2021 - 22	2022 - 23	2023 - 24

No. of Internship	242	281	199	356
	2020 - 21	2021 - 22	2022 - 23	2023 - 24

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 College Should be a Place of Light, of Liberty and of Learning

Connect with Us !

MIT | Arts, Commerce & Science College

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www.mitacsc.ac.in