



MIT Arts, Commerce
& Science College

MIT | Arts, Commerce
& Science College

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

B.Sc. Information Technology

A.Y. 2026-27



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 | ❖ 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

B.Sc. Information Technology

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

The Bachelor of Science in Information Technology (B.Sc. IT) is an undergraduate degree program that focuses on the study of computer systems, software, and related technologies. It is designed to provide students with a strong foundation in IT and prepare them for careers in the technology sector. Graduates with an IT background are able to perform technology-related tasks such as data processing, storage, and communication between computers, mobile phones, and other electronic devices. They can become experts with the analytical and logical thinking skills needed to handle real-world IT challenges. They acquire the expertise to detect, analyse, and solve problems for the same.

----- Why to preferred MIT ACSC for B.Sc. IT -----

- MIT ACSC stands out for its diverse academic programs, experienced faculty, and modern infrastructure; ensuring students receive a top-tier education.
- Offers an updated syllabus aligned with current market demands and technological advancements.
- Dedicated placement cell with connections to top IT companies ensures excellent job opportunities.
- Inclusive and student-focused campus fosters academic and personal growth.
- The college emphasizes hands-on learning through well-equipped labs, real-world projects, and internships, ensuring students gain practical knowledge.

----- Career Prospects after B.Sc. IT. -----

- Software Developer, Web Developer, Network Administrator, Data Analyst, Cyber security Specialist, IT Support Specialist, Mobile App Developer, Cloud Specialist.
- Pursue MSc IT, MCA, MBA (IT Management), or certifications in Data Science, Cyber Security, Cloud Computing, and more.





Eligibility

- ◆ H.S.C. / 12th / (10+2) from the science stream or its equivalent. OR
- ◆ Three-year diploma course from the Board of Technical Education conducted by the Government of Maharashtra or its equivalent OR
- ◆ HSC (10+2) with Science Examination with English and a vocational subject of +2 level (MCVC).

----- 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 -----

B.Sc. (Information Technology) F.Y. (Level 4.5) - SEMESTER I										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	PR	CCE	EE	Total	TH	PR	Total
2506MJCT101	Major Core	Problem Solving Techniques	2	-	20	30	50	2	-	2
2506MJCP101			-	2	10	15	25	-	1	1
2506MJCT102		Database Management System	2	-	20	30	50	2	-	2
2506MJCP102			-	2	10	15	25	-	1	1
2506MJCT103		Mathematics for Information Technology	2	-	20	30	50	2	-	2
2506MJCP103			-	2	10	15	25	-	1	1
2506MJCP104		Digital Electronics	-	2	10	15	25	-	1	1
2506VSCT105	VSC	Digital Electronics	2	-	20	30	50	2	-	2
2500IKS1A	IKS	Generic IKS	2	-	50	-	50	2	-	2
2500GOET1_	GE/OE	College Basket	2	-	20	30	50	2	-	2
2500AECT1A	AEC	English for Communication-I	2	-	50	-	50	2	-	2
2500VECT0B	VEC	Environmental Science	2	-	50	-	50	2	-	2
2500CCCT1A	CC	NSS/NCC/Yoga Education/Health/& Wellness /Fine Arts/Sports//Cultural- I	2	-	50	-	50	2	-	2
Total			18	8	340	210	550	18	04	22

B.Sc. (Information Technology) F.Y. (Level 4.5) - 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
2506MJCT201	Major Core	Python Programming	2	-	20	30	50	2	-	2
2506MJCP201			-	2	10	15	25	-	1	1
2506MJCT202		Software Engineering	2	-	20	30	50	2	-	2
2506MJCT203			Computer Organization	2	-	20	30	50	2	-
2506MJCP203		0		2	10	15	25	-	1	1
2506MJCT204		Relational Database Management System	1	0	10	15	25	1	-	1
2506MJCP204			0	1	10	15	25	-	1	1
2506VSCP205	VSC	Web Designing	-	4	20	30	50	-	2	2
2500GOET2_	GE/OE	From College Basket	2	-	50	-	50	2	-	2
2500SECP206	SEC	Certificate Course	2	-	50	-	50	2	-	2
2500AECT2A	AEC	English for Communication - II	2	-	50	-	50	2	-	2
2500VECT2A	VEC	Indian Constitution and Democracy	2	-	50	-	50	2	-	2
2500CCCT2A	CC	NSS/NCC/Yoga Education/Health & FineArts/ Sports/ Cultural -I	2	-	50	-	50	2	-	2
Total			17	10	370	180	550	17	05	22

VSC - Vocational Skill Courses | GE/ OE - Generic/Open Elective | SEC - Skill Enhancement Courses | AEC - Ability Enhancement Courses
VEC - Value Education Course | CC - CoCurricular Courses | FP/CEP - Community Engagement/Field Project

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

B.Sc. (Information Technology) S.Y. (Level 5.0) - 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
2506MJCT301	Major Core	Object Oriented Programming Using C++	2	-	20	30	50	2	-	2
2506MJCP301			-	2	10	15	25	-	1	1
2506MJCT302		Computer Networks	2	-	20	30	50	2	-	2
2506MJCT303		Web Techniques - I	1	-	10	15	25	1	-	1
2506VSCP304	VSC	Web Techniques - I	-	2	20	30	50	-	2	2
2506FEP305A	FP	FP/CEP	-	2	20	30	50	-	2	2
2506MNRT3	Minor	College Basket	3	-	30	45	75	3	-	3
2506MNRP3			-	2	10	15	25	-	1	1
2500GOET3	GE/OE	College Basket	2	-	50	-	50	2	-	2
2506SECT306	SEC	Certificate Course	2	-	50	-	50	2	-	2
2500IKST3B	IKS	Domain Specific IKS	2	-	50	-	50	2	-	2
2500AEC3A/ 2500AEC3B/ 2500AEC3C/	AEC	Marathi-I/ Hindi- I/ Sanskrit-I	2	-	50	-	50	2	-	2
Total			16	8	340	210	550	16	06	22

B.Sc. (Information Technology) S.Y. (Level 5.0) - 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
2506MJCT401	Major Core	Data Structure using C++	2	-	20	30	50	2	-	2
2506MJCP401			-	2	10	15	25	-	1	1
2506MJCT402		Analytical Skills using Statistics	1	-	10	15	25	1	-	2
2506MJCP402			-	2	10	15	25	-	1	1
2506MJCT403			Software Testing	2	-	10	15	25	1	-
2506VSCP404	VSC	Mobile Technology (Flutter)	-	4	20	30	50	-	2	2
2506CFEP405	FP	FP/CEP	-	2	50	-	50	-	2	3
2506MNRT4_	Minor	From Basket	2	-	20	30	50	2	-	1
2506MNRP4_			-	2	20	30	50	-	2	2
2500GOET4_	GE/OE	From Basket	2	-	50	-	50	-	2	2
2506SECP406	SEC	Certificate Course	2	-	50	-	50	-	2	2
2500AECT4A /2500AECT4B /2500AECT4C	AEC	Marathi - II / Hindi -II /Sanskrit -II	2	-	50	-	50	2	-	2
2500CCCT4C	CC	NSS/NCC/Yoga Education/Health & Wellness / Fine Arts /Sports /Cultural - II	2	-	50	-	50	2	-	
Total			15	12	340	210	550	10	12	22

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

B.Sc. (Information Technology) T.Y. (Level 5.5) - SEMESTER V										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2506MJCT501	Major Core	Core Java Programming	2	-	20	30	50	2	-	2
2506MJCP501			-	4	20	30	50	-	2	2
2506MJCT502		Design and Analysis of algorithm	2	-	20	30	50	2	-	2
2506MJCT503		Operating System Concepts	2	-	20	30	50	2	-	2
2506MJCP503			-	4	20	30	50	-	2	2
2506MJET504A	Major Elective (Choose A or B)	Data Analytics	2	-	20	30	50	2	-	2
2506MJEP504A			-	4	20	30	50	-	2	2
		OR								
2506MJET504B		Django Framework - I	2	-	20	30	50	2	-	2
2506MJEP504B			-	4	20	30	50	-	2	2
2506VSCT505	VSC	Cloud Computing	2	-	20	30	50	2	-	2
2506FCEP506	FP	FP /CEP	-	4	50	-	50	-	2	2
2506MNRT507	Minor	From College Basket	2	-	20	30	50	2	-	2
2506MNRP507			-	2	20	30	50	-	2	2
Total			12	18	340	210	550	12	10	22

B.Sc. (Information Technology) T.Y. (Level 5.5) - SEMESTER VI										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2506MJCT601	Major Core	Advanced Java Programming	2	-	20	30	50	2	-	2
2506MJCP601			-	2	20	30	50	-	2	2
2506MJCT602		Recent Trends in IT	2	-	20	30	50	2	-	2
2506MJCT603		Artificial Intelligence	2	-	20	30	50	2	-	2
2506MJCP603			-	2	20	30	50	-	2	2
2506MJET504A	Major Elective (Choose A or B)	Big Data Analytics	2	-	20	30	50	2	-	2
2506MJEP504A			-	2	20	30	50	-	2	2
		OR								
2506MJET504B		Django Framework - II	2	-	20	30	50	2	-	2
2506MJEP504B			-	2	20	30	50	-	2	2
2506OJTP605	VSC	OJT	-	4	40	60	100	-	4	2
2506MNRT606	FP	From College Basket	2	-	20	30	50	2	-	2
2506MNRT507	Minor		-	2	20	30	50	-	2	2
Total			10	18	220	330	550	10	12	22

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

B.Sc. (Information Technology) T.Y. (Level 5.5) - SEMESTER VI (SLIP)										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2506MJCT601	Major Core	Advanced Java Programming	2	-	20	30	50	2	-	2
2506MJCP601			-	4	20	30	50	-	2	2
2506MJCT602		Recent Trends in IT	2	-	20	30	50	2	-	2
2506MJCT603		Artificial Intelligence	2	-	20	30	50	2	-	2
2506MJCP603			-	4	20	30	50	-	2	2
2506SLIP605	OJT	On Job Training (360 Hrs.)	-	2	300	-	300	2	-	2
Total			6	10	400	150	550	10	12	22

B.Sc. (Information Technology) T.Y. (Level 6.0) - SEMESTER VII										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2506MJCT701	Major Core	Data mining and data warehousing	2	-	20	30	50	2	-	2
2506MJCP701			-	4	20	30	50	-	2	2
2506MJCT702		Machine Learning	2	-	20	30	50	2	-	2
2506MJCP702			-	4	20	30	50	-	2	2
2506MJCT703		MEAN Stack	2	-	20	30	50	2	-	2
2506MJCP703			-	4	20	30	50	-	2	2
2506MJET704A	Major Elective (Choose A Or B)	Dot Net Programing	2	-	20	30	50	2	-	
2506MJEP704A			-	4	20	30	50	-	2	2
		OR								
2506MJET704B		Digital Image Processing	2	-	20	30	50	2	-	2
2506MJEP704B			-	4	20	30	50	-	2	2
2506REMT705	Research Methodology	Research Methodology	4	-	100	-	100	4	-	4
Total			14	16	260	240	500	12	8	20

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

B.Sc. (Information Technology) T.Y. (Level 6.0) - SEMESTER VIII										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2506MJCT801	Major Core	Fuzzy Logic	2	-	20	30	50	2	-	2
2506MJCP801			-	4	20	30	50	-	2	2
2506MJCT802		Agile Methodologies (Scrum/Agile)	2	-	20	30	50	2	-	2
2506MJCP802			-	4	20	30	50	-	2	2
2506MJCT803		Deep Learning	2	-	20	30	50	2	-	2
2506MJCP803			-	4	20	30	50	-	2	2
2506MJET804A	Major Elective (Choose A Or B)	ASP .Net Programing	2	-	20	30	50	2	-	2
2506MJEP804A			-	4	20	30	50	-	2	2
		OR								
2506MJET804B		Computer Vision	2	-	20	30	50	2	-	2
2506MJEP804B			-	4	20	30	50	-	2	2
2506OJTP805	OJT/ Research Project	OJT	-	4	100	-	100	-	4	4
Total			14	16	260	240	500	8	12	22

B.Sc. (Information Technology) T.Y. (Level 6.0) - SEMESTER VIII (SLIP)										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2506MOCP801	Major Core	MOOC COURSE	-	-	300	-	300	-	-	-
2406RPP808B	SLIP	SLIP	-	-	200	-	200	-	-	-
Total			-	-	500	-	500	-	-	-

Departmental Activities

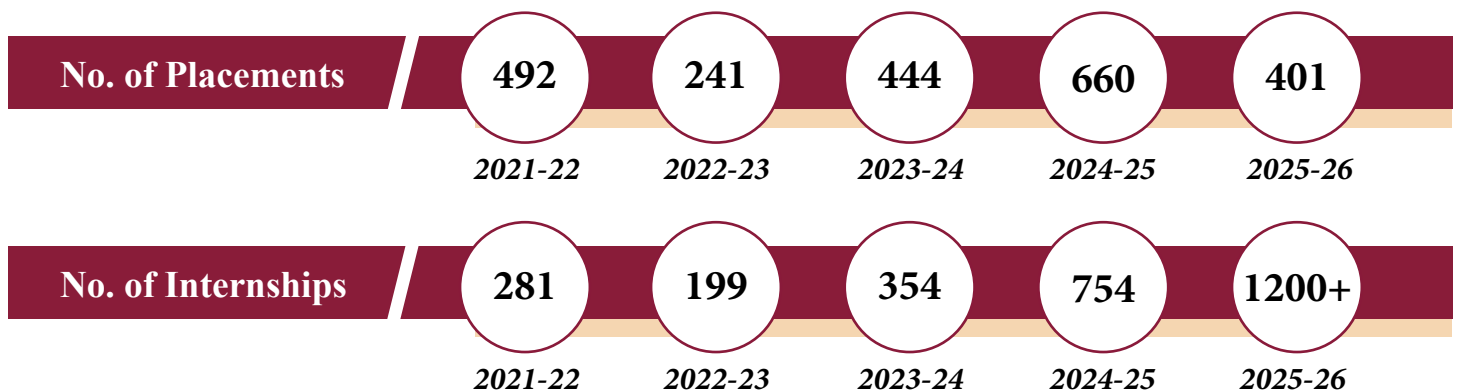
- ITFest Week-Flagship Event
- Vocational skill development sessions
- Expert Guidance Sessions
- Study Visits
- Add on courses
- Student centric evaluation system
- Student mentoring
- Workshops, Seminars, Guest interviews, Special shoot
- Awareness of Human Rights
- Professional Consultation Programs
- 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.



Connect with Us!

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