MIT | Arts, Commerce & Science College

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

B.Sc. Cyber and Digital Science

ACADEMIC YEAR 2026-27

Excellence in Education

About Us!

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)
❖ BBA (Bachelor of Business Administration)
❖ BBA (International Business)
❖ BCA (Science)
❖ B.Sc. (Artificial Intelligence & Machine Learning)

❖ B.Sc. (Animation)
❖ B.Sc. (Computer Science)
❖ B.Sc. (Cyber & Digital Science)
❖ B.Sc. (Information Technology)
❖ B.Sc. (Data Science)

---------------------------------- **Postgraduate Programs** --

❖ M.Sc. (Computer Science)
❖ M.Sc. (Data Science)
❖ M.Sc. (Cyber & Digital Science)

❖ M.Sc. (Computer Application)
❖ M.Sc. (Information Technology)
❖ M.Sc. (Industrial Mathematics with Computer Application)

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

❖ Ph.D. - Mathematics

B.Sc. Cyber and Digital Science

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

Digital infrastructures and information networks have become crucial in any business activity. The information residing on the computers, networks, and in the cloud is a critical asset and should be secured. The impact of data loss or any downtime of the infrastructure is quite high. Hence, there is a need for heightened security measures to protect both infrastructure and data. Digital and Cyber Forensics is a niche subject of modern studies which shall prepare students for professional work in business and industry, as well as government and law enforcement. Since Cybercrime has been on the rise in recent years, this course offers a special impetus and an excellent launch pad for those who are interested in becoming professionals' crime-fighters with rewarding career options. The student will learn the techniques to collect, preserve, analyze, and report digital evidence. This course provides research opportunities into forensics and security issues.

-------- B.Sc. CDS Program Objectives --------

The objectives of this programme are to:

- To make students aware of cybercrime and various ways to prevent and handle them
- To produce entrepreneurs who can work in the area of Cyber and Digital Forensics
- To educate student for global competency

-------- Key Features of B.Sc. CDS --------

- In depth subject teaching
- Hands on practical knowledge
- Industry-Academia Linkage

Eligibility

➢ Higher secondary school certificate (10+2) with Science or its equivalent examination with English

OR

➢ Three-year diploma course from the board of technical education conducted by Government of Maharashtra or its equivalent   **OR**

➢ Higher secondary school certificate (10+2) with Science Examination with English and a vocational subject of +2 level (MCVC), HSC (MCVC) Students.

-------- **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.

B.Sc. (Cyber & Digital Science) | Level 4.5 (F.Y.) 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
U24/CDS1ST1	Subject-1	Fundamentals of Computers & Problem Solving	3		20	30	50	2		2
U24/CDS1SP1		Lab on Fundamentals of Computers & Problem Solving		4	20	30	50		2	2
U24/CDS1ST2	Subject-2	Linux System Administration	3		20	30	50	2		2
U24/CDS1SP2		Lab on Linux System Administration		4	20	30	50		2	2
U24/CDS1ST3	Subject-3	Programming in C	3		20	30	50	2		2
U24/CDS1SP3		Lab on C Programming		4	20	30	50		2	2
U24/CDS1OET1	GE/OE	From College Basket	3	-	20	30	50	2	-	2
U24/CDS1SECT1	SEC(P)	Lab course on Discrete Mathematics	-	4	20	30	50	2	-	2
U24/CDS1IKST1	IKS (Generic)	Indian Science, Engineering and Technology (Past, Present and Future)	3	-	20	30	50	2	-	2
U24/CDS1AECT1	AEC	Language Communicationon-I	3	-	20	30	50	2	-	2
U24/CDS1VSCT1	VEC	EVS-I	3	-	20	30	50	2	-	2
Total			**21**	**16**	**220**	**330**	**550**	**16**	**6**	**22**

B.Sc. (Cyber & Digital Science) | Level 4.5 (F.Y.) 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
U24/CDS2ST1	Subject-1	Fundamentals of Cyber Security	3		20	30	50	2		2
U24/CDS2SP1		Lab on Fundamentals of Cyber Security		4	20	30	50		2	2
U24/CDS2ST2	Subject-2	Cryptography & Network Security	3		20	30	50	2		2
U24/CDS2SP2		Lab on Cryptography & Network Security		4	20	30	50		2	2
U24/CDS2ST3	Subject-3	Python Programming	3		20	30	50	2		2
U24/CDS2SP3		Lab on Python Programming		4	20	30	50		2	2
U24/CDS2GEP1	GE/OE	From College Basket		4	20	30	50		2	2
U24/CDS2SECP1	SEC(P)	Lab course on Basics of Statistical Techniques	-	4	20	30	50		2	2
U24/CDS2AECT1	AEC	Language Communication-II	3	-	20	30	50	2		2
U24/CDS2VECT1	VEC	EVS-II	3	-	20	30	50	2		2
U24/CDS2CCT1	CC	NSS/NCC/Yoga/Sports/Cultural/Health & Fitness	3	-	20	30	50	2		2
Total			**18**	**20**	**220**	**330**	**550**	**12**	**10**	**22**

Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	To-tal	TH	P	Total
U24/CDS3ST1	Major Core	Ethical Hacking-I	3		20	30	50	2		2
U24/CDS3ST2		Database Management System	3		20	30	50	2		2
U24/CDS3ST3		Lab course on U24/CDS3ST1 & U24/CDS3ST2	-	4	20	30	50		2	2
U24/CDS3VSCT1	VSC	Fundamentals of Digital Electronics	3		20	30	50	2		2
U24/CDS3FPP1	FP	Field Project Based on U24/CDS3ST1	-	2	20	30	50		2	2
U24/CDS3MNT1	Minor	Bug Hunting OR Java Programming	3		20	30	50	2		2
U24/CDS3MNP1		Lab on Bug Hunting OR Lab on Java Programming		4	20	30	50		2	2
U24/CDS3GET1	GE/OE	From College Basket	3	-	20	30	50	2		2
U24/CDS3IKST1	IKS	Computing in Ancient India	3	-	20	30	50	2		2
U24/CDS3AECT1	AES	Sanskrit/Marathi/Hindi-I	3	-	20	30	50	2		2
U24/CDS3CCT1	CC	NSS / NCC / Yoga / Sports / Cultural / Health & Fitness.	3	-	20	30	50	2		2
Total			**18**	**20**	**220**	**330**	**550**	**16**	**6**	**22**

B.Sc. (Cyber & Digital Science) | Level 5.0 (S.Y.) SEMESTER IV

Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	To-tal	TH	P	Total
U24/CDS4MCT1	Major Core	Ethical Hacking-II	3		20	30	50	2		2
U24/CDS4MCT2		Software Engineering & UML	3		20	30	50	2		2
U24/CDS4MCP1		Lab course based on U24/CDS4MCT1 & U24/CDS4MCT2	-	4	20	30	50		2	2
U24/CDS4VSCP1	VSC	Data Structure using python programming	-	4	20	30	50	-	2	2
U24/CDS4CEPP1	CEP	Community Engagement Project	-	2	20	30	50		2	2
U24/CDS4MNT1	Minor	Cloud Security OR Advanced Network Security	3		20	30	50	2		2
U24/CDS4MNP1		Lab on Cloud Security OR Lab on Advance Network Security		4	20	30	50		2	2
U24/CDS4GEP1	GE/OE	From College Basket	-	4	20	30	50	2		2
U24/CDS4SECP1	SEC	Lab course based on U24/CDS4VSCP1	-	4	20	30	50	-	2	2
U24/CDS4AECT1	AES	Sanskrit/Marathi/Hindi-II	3	-	20	30	50	2		2
U24/CDS4CCT1	CC	NSS/NCC/Yoga/Sports/Cultural/Health & Fitness.	3	-	20	30	50	2		2
Total			**15**	**22**	**220**	**330**	**550**	**12**	**10**	**22**

Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	To-tal	TH	P	Total
U24/CDS5MCT1	Major Core	Digital Forensic-I	3		20	30	50	2		2
U24/CDS5MCT2		Principles of Operating System	3		20	30	50	2		2
U24/CDS5MCT3		Cyber Ethics, Cyber Law & policies	3		20	30	50	2		2
U24/CDS5MCT4		Fundamentals of Malware Analysis	3		20	30	50	2		2
U24/CDS5MCP1		Lab course on Digital Forensic-I		4	20	30	50		2	2
U24/CDS5MCP2		Lab on Principles of Operating Systems		4	20	30	50		2	2
U24/CDS5MET1A	Major Elective	Information Security Policy & Audit	3	4	20	30	50	2		2
U24/CDS5MEP1A		Lab on Information Security Policy & Audit	-	4	20	30	50	2		2
OR		OR								
U24/CDS4MET1B		IoT Security & Applications	3		20	30	50	2		2
U24/CDS4MEP1B		Lab on IoT Security & Applications		4	20	30	50		2	2
U24/CDS4VSCP1	VSC	Lab on Web Science OR Lab on VAPT		4	20	30	50		2	2
U24/CDS4FPP1	FP	Field Project		2	20	30	50		2	2
U24/CDS4MNT1	Minor	Web Science OR VAPT	3		20	30	50	2		2
Total			**18**	**22**	**220**	**330**	**550**	**12**	**10**	**22**

B.Sc. (Cyber & Digital Science) | Level 5.5 (S.Y.) SEMESTER VI

Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	To-tal	TH	P	Total
U24/CDS6MCT1	Major Core	Digital Forensic-II	3		20	30	50	2		2
U24/CDS6MCT2		Web & Mobile Applications	3		20	30	50	2		2
U24/CDS6MCT3		Social Media Overview & Security	3		20	30	50	2		2
U24/CDS6MCT4		Cyber Threat Intelligence	3		20	30	50	2		2
U24/CDS6MCP1		Lab course on Digital Forensic-II		4	20	30	50		2	2
U24/CDS6MCP2		Lab course on Web & Mobile Applications		4	20	30	50		2	2
U24/CDS6MET1A	Major Elective	Fin-Tech Cyber Security	3		20	30	50	2		2
U24/CDS6MEP1A		Lab on Fin-Tech Cyber Security		4	20	30	50		2	2
OR		OR								
U24/CDS6MET1B		Mobile Forensics	3		20	30	50	2		2
U24/CDS6MEP1B		Lab on Mobile Forensics		4	20	30	50		2	2
U24/CDS6VSCP1	VSC	Lab on Cyber Threat Intelligence		4	20	30	50		2	2
U24/CDS6OJTP1	OJT	On Job Training	--	2	20	30	50	--	4	4
Total			**15**	**28**	**220**	**330**	**550**	**10**	**12**	**22**

B.Sc. (Cyber & Digital Science) | Level 5.5 (S.Y.) 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
U24/CDS6MCT1	Major Core	Social Media Overview & Security	3		20	30	50	2		2
U24/CDS6MCT2		Web & Mobile Applications	3		20	30	50	2		2
U24/CDS6MCP1		Lab on Web & Mobile Applications		4	20	30	50		2	2
U24/CDS6MCP2		Any Two MOOC Courses		2	25	75	100		4	2
U24/CDS6OJTP1	OJT	On Job Training		2	135	165	300		12	12
Total			**6**	**8**	**220**	**330**	**550**	**4**	**18**	**22**

B.Sc. (Cyber & Digital Science) | Level 5.5 (S.Y.) 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
U24/CDS7MCT1	Major Core	Mobile Applications & Services	3	-	40	60	100	4	-	4
U24/CDS7MCT2		Intrusion Detection & Prevention System	3	-	40	60	100	4	-	4
U24/CDS7MCT3		Digital Image Processing	3	-	20	30	50	2	-	2
U24/CDS7MCP1		Lab on Mobile Applications & Services	-	4	20	30	50	-	2	2
U24/CDS7MCP2		Lab on Intrusion Detection & Prevention System	-	4	20	30	50	-	2	2
U24/CDS7MET1A	Major Elective	Wireless Security	3	-	20	30	50	2	-	2
U24/CDS6MEP1A		Lab on Wireless Security	-	4	20	30	50	-	2	2
OR		OR								
U24/CDS7MET1B		Digital Payments & Security	3	-	20	30	50	2	-	2
U24/CDS7MEP1B		Lab on Digital Payments & Security	-	4	20	30	50	-	2	2
U24/CDS7RMT1	RM	Research Methodology	5	-	40	60	100	4	-	4
Total			**17**	**12**	**220**	**330**	**550**	**16**	**6**	**22**

Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
B.Sc. (Cyber & Digital Science) | (Level 6.0) SEMESTER VIII (Honors Degree)										
U24/CDS8MCT1	Major Core	Malware Analysis	3		40	60	100	4		4
U24/CDS8MCT2		Incident Handling	3		40	60	100	4		4
U24/CDS8MCT3		Cyber Security Architecture	3		20	30	50	2		2
U24/CDS8MCT4		Lab Malware Analysis		4	20	30	50		2	2
U24/CDS8MCP1		Lab on Incident Handling		4	20	30	50		2	2
U24/CDS8MET1A	Major Elective	Tools & Technology for Cyber Security	3		20	30	50	2		2
U24/CDS8MEP1A		Lab on Tools & Technology for Cyber Security		4	20	30	50		2	2
OR		OR	3		20	30	50	2		2
U24/CDS8MET1B		Penetration Testing		4	20	30	50		2	2
U24/CDS8MEP1B		Lab on Penetration Testing	--	2	40	60	100		4	4
U24/CDS8OJTP1	OJT	On Job Training	12	14	220	330	550	12	10	22
Total			**12**	**14**	**280**	**270**	**550**	**12**	**10**	**22**

Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
B.Sc. (Cyber & Digital Science) | (Level 6.0) SEMESTER VIII (Honors Degree) SEMESTER-LONG INTERNSHIP										
U24/CDS8MCT1	Major Core	Cyber Security Architecture	3	-	20	30	50	2	-	2
U24/CDS8MCT2		Tools & Technology for Cyber Security	3	-	20	30	50	2	-	2
U24/CDS8MCP1		Lab on Tools & Technology for Cyber Security	-	-	20	30	50	-	2	2
U24/CDS8MCP2		Any Two MOOC Courses	-	2	25	75	100	-	4	4
U24/CDS8OJTP1	OJT	On Job Training	-	2	135	165	300	-	12	12
Total			**6**	**4**	**220**	**330**	**550**	**4**	**18**	**22**

Award of Four years UG Honors with Research Degree in Major and Minor with 176 Credits
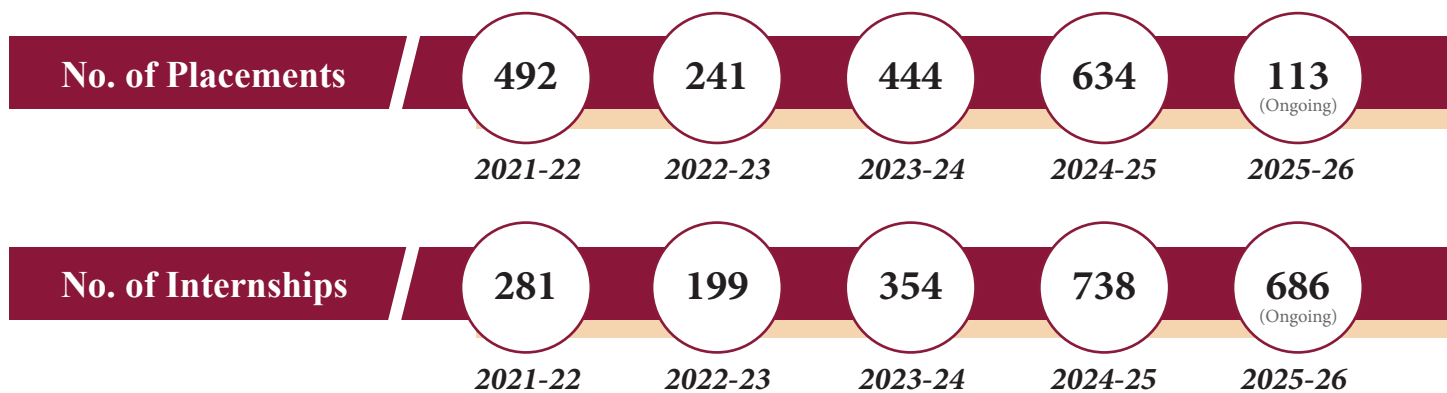
Departmental Activities

- 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
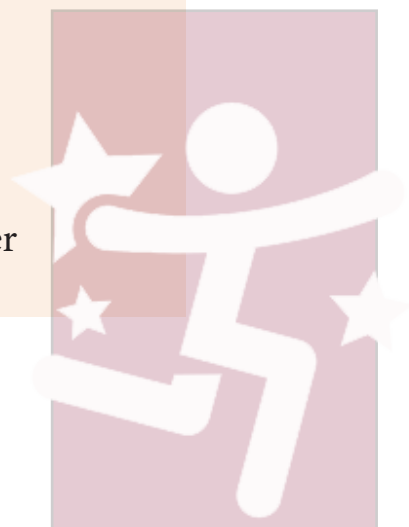
Training & Placement

- ✓ 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	492	241	444	634	113 (Ongoing)
	2021-22	2022-23	2023-24	2024-25	2025-26

No. of Internships	281	199	354	738	686 (Ongoing)
	2021-22	2022-23	2023-24	2024-25	2025-26

accenture High performance. Delivered. · amdocs · Atos|Syntel · wipro · Creestaa Elevators | Italian Precision · JADE · blinkit India's Last Minute App · NeoSOFT · fiserv. · GTL · tcs TATA CONSULTANCY SERVICES · WNS

CONCENTRIX · Deloitte. · Cognizant · Capgemini · eClerx · ICICI PRUDENTIAL LIFE INSURANCE · Infosys Navigate your next · kotak life · LARSEN & TOUBRO · XENTO SYSTEMS · upGrad · HEXAWARE

MIT ACSC CAMPUS

Class Room

Digital Library

Indoor Sports

Library

Library

Class Room

Computer Lab

Canteen

Cultural Room

Class Room

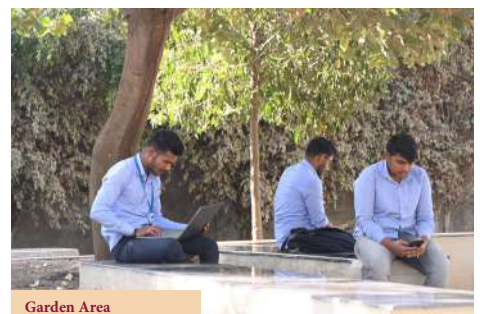Electronic Lab

AV Studio

Canteen

Outdoor Sports

Garden Area

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

Connect with Us !

MIT | Arts, Commerce & Science College

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

www.mitacsc.ac.in