

MAEER'S
MIT | Arts, Commerce
& Science College

Affiliated to Savitribai Phule Pune University

Accredited by NAAC with "A" Grade

MIT Arts, Commerce
& Science College

Academic Year

2024-25

B.Sc. (Cyber and Digital Science)

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)
- ❖ BBA (Computer Application)
- ❖ BCA (Science)
- ❖ B.Sc. (Animation)
- ❖ B.Sc. (Computer Science)
- ❖ B.Sc. (Cyber & Digital Science)
- ❖ B.Sc. (Information Technology)

Postgraduate Programs

- ❖ M.Sc. (Computer Science)
- ❖ M.Sc. (Computer Application)
- ❖ M.Sc. (Data Science)
- ❖ 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.

Course 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

- 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) Examination 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. Admission will be offered to the students on the basis of H.S.C. / 12th percentage.



Program Structure

B.Sc. (Cyber and Digital Science)

SEMESTER I

No.	Code	Subject Name
1	CDS-111	Introduction to Computers & Problem Solving
2	CDS-115	Lab on CDS-111
3	CDS-112	Python Programming
4	CDS-116	Lab on CDS-112
5	CDS-113	Basic Mathematical Techniques
6	CDS-117	Lab on CDS-113
7	CDS-114	Basic Statistical Techniques for Computer Science
8	CSD-118	Lab on CDS-114

SEMESTER II

No.	Code	Subject Name
1	CDS-121	Fundamentals of Cyber Security
2	CDS-125	Lab on CDS-121
3	CDS-122	Fundamentals of Digital Communication Systems
4	CDS-126	Lab on CDS-122
5	CDS-123	Computer Networks
6	CDS-127	Lab on CDS-123
7	CDS-124	Programming in C
8	CSD-128	Lab on CDS-124

SEMESTER III

No.	Code	Subject Name
1	CDS-231	Basics of Ethical Hacking
2	CDS-234	Lab on Web Designing Tool
3	CDS-232	Database Management Systems
4	CDS-235	Lab on CDS-232
5	CDS-233	Data Structure Using C
6	CDS-236	Lab on CDS-233
7	CDS-237	Language - English/Marathi
8	CSD-238	Environment Science-1

SEMESTER IV

No.	Code	Subject Name
1	CDS-241	Principles of Operating Systems
2	CDS-244	Lab on CDS-241
3	CDS-242	Web and Mobile Application
4	CDS-245	Lab on CDS-242
5	CDS-243	Network Security & Cryptography
6	CDS-246	Lab on CDS-243
7	CDS-247	Language - English/Marathi
8	CSD-248	Environment Science-2

SEMESTER V

No.	Code	Subject Name
1	CDS-351	Digital Forensics-1
2	CDS-354	Lab on CDS-351
3	CDS-352	Cyber Threat Intelligence
4	CDS-355	Lab on CDS-352
5	CDS-353	Information Security Policy & Audit
6	CDS-356	Lab on CDS-353
7	CDS-357	Professional Elective-I
8	CSD-358	Professional Elective-II

SEMESTER VI

No.	Code	Subject Name
1	CDS-361	Digital Forensics-2
2	CDS-364	Lab on CDS-361
3	CDS-362	Cyber Law (Information Security Policies & Strategies)
4	CDS-365	Lab on CDS-362
5	CDS-363	Web Science
6	CDS-366	Lab on CDS-263
7	CDS-367	Professional Elective-III
8	CSD-368	Professional Elective-IV

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College campus



Computer Lab



Class Room



Canteen



Play Ground



Computer Lab



Indoor Sports



Class Room



Computer Lab



Library



Garden



Class Room



Play Ground



Electronics Lab



Laboratory



Laboratory



Class Room



Indoor Sports

Connect Us:



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