

### **About Us**

MIT Arts, Commerce and Science College established 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, 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 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 assist to explore the various job opportunities thus leading to best placements amongst educational institute in Pune.

Awards, Affiliations and Recognition:

- by Prof. (Dr.) Vishwanath Karad in 2007 under the Amit ACSC College is Accredited by NAAC with a CGPA of 3.21 on a aegis of Maharashtra Academy of Engineering and 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.
- 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 education in underserved areas.
- 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 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.
- communication and employment- seeking skills and sassist to explore the various job opportunities thus leading to best placements amongst educational institute in Pune. \*\* 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. (Artificial Intelligence & Machine Learning)
- \* B.Sc. ( Data Science )

- ❖ B.Sc. (Animation)
- ❖ B.Sc. (Computer Science)
- ❖ B.Sc. (Cyber & Digital Science)
- ❖ B.Sc. (Information Technology)
- **❖** B.Sc. (Industrial Mathematics with

**Computer Application)** 

#### **Postgraduate Programs**

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

Ph.D.

Ph.D. - Mathematics



#### **About the Course**

The BCA programme equips the students with the required skills to design and develop different kinds of software systems. The students make use of their in-depth knowledge and innovative ideas, with different types of interactive applications that can reduce manual labor to a great extent.

#### **Course Objectives**

- Demonstrate analytical and design skills including the ability to generate creative solutions and support team-oriented professionalism through effective communication in their careers.
- Implement structured and hands-on approaches to software development, utilizing a variety of programming languages and design principles across national and international contexts.
- Demonstrate societal advancement by implementing critical thinking and problem-solving skills in professional practices to uplift health, safety, and other societal issues, while tackling social, technical, and business challenges.

#### Why Choose Computer Application from MIT ACSC?

- · Various opportunities in terms of Post Graduate courses are available such as MCA and MBA.
- The remunerations are higher than graduates from other fields.
- 100% placement assistance concerning various academic programmes.
- Offers career advancement opportunities in various fields including software development, database management, web development, networking, software testing, cyber security, digital marketing, Android programming, and Python.
- Dedicated courses as per the industrial requirements.
- Internship opportunities following completion of the second year of the course.
- Inculcating application development skills for better prospective opportunities.

#### **Eligibility**



H.S.C. (10 + 2) with Science stream OR

Three years diploma course after S.S.C. (10th std.) of Board of Technical Education conducted by Government of Maharashtra or its equivalent.

### 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.

#### **Future Prospects**

The graduates in Computer Applications can witness effective career progression in web development, software development, database, digital marketing, cyber security, etc. So, they have ample job opportunities to shape their careers. There are numerous postgraduate programs accessible both in India and abroad. These jobs will aid them in defining their goals and enhance their practical skills.









# **Bachelor of Computer Application**

Course Code	Course Type	Course Name	Sch	ching neme Week		amina heme Mark	and		Cred	its
			TH	PR	CE	EE	Total	TH	PR	Total
U24/BCA1 MCT1	Subject 1	Problem Solving Using 'C' Programming	03		15	35	50	02		02
U24/BCA1 MCP1	Subject	Problem Solving Using 'C' Programming Laboratory		04	15	35	50		02	02
U24/BCA1 MCT2		Database Management System	03		15	35	50	02		02
U24/BCA1 MCP2	Subject 2	Database Management System Laboratory		04	15	35	50		02	02
U24/BCA1 MCT3	Cubic et 2	Digital Electronics & Computer Organization	03		15	35	50	02		02
U24/BCA1 MCP3	Subject 3	Web Development Using HTML and CSS Laboratory		04	15	35	50		02	02
	GE/ OE	To be selected from college Bucket	03		15	35	50	02		02
U24/BCA1SECP1	SEC	Digital Electronics& Computer Organization Laboratory		04	15	35	50		02	02
U24/BCA1 IKST1	IKS Generic	Computing Science in Ancient India	03		15	35	50	02		02
U24/BCA1 AECT1	AEC	English Communication-I	03		15	35	50	02		02
U24/BCA1 VECT1	Value Education Course	Democracy and Election	03		15	35	50	02		02
	Total		21	16	165	385	550	14	08	22

Course Code	Course Type	Course Name	Sch	ching ieme Week		amina heme Mark	and		Credi	Total 02 02 02 02 02 02 02 02 02 02 02 02 02	
			TH	PR	CE	EE	Total	TH	PR	Total	
U24/BCA2MCT1	Subject 1	Object Oriented Concepts using C++	03		15	35	50	02	-	02	
U24/BCA2MCP1	Subject	Object Oriented Concepts using C++ Laboratory		04	15	35	50		02	02	
U24/BCA2MCT2	- Subject 2	Web Development Using Java Script	03		15	35	50	02		02	
U24/BCA2 MCP2	Subject 2	Web Development Using Java Script Laboratory		04	15	35	50		02	02	
U24/BCA2MCT3		Applied Mathematics	03		15	35	50	02		02	
U24/BCA2 MCP3	Subject 3	Relational Database Management System Laboratory		04	15	35	50		02	02	
	GE/ OE	To be selected from College Bucket		04	15	35	50		02	02	
U24/BCA2SECP1	SEC	Applied Mathematics Laboratory		04	15	35	50		02	02	
U24/BCA2 AECT1	AEC	English Communication-II	03		15	35	50	02		02	
U24/BCA2 VECT1	Value Education Course	Environmental Science	03		15	35	50	02	-	02	
	СС	To be selected from College Bucket	03		15	35	50	02		02	
	Total		18	20	165	385	550	12	10	22	

# **Bachelor of Computer Application**

Course Code	Course Type Course Name		Teaching Scheme Hrs/Week			amina ne and	tion d Marks	Credits							
			TH	PR	CE	EE	Total	TH	PR	Total					
U24/BCA3MCT1		Data Structures using C++	03		15	35	50	02		02					
U24/BCA3MCT2	MJ	Software Engineering	03		15	35	50	02		02					
U24/BCA3 MCP1	- IVIO	Data Structures using C++ Laboratory		04	15	35	50		02	02					
U24/BCA3VSCP1	VSC	R-Programming		04	15	35	50		02	02					
U24/BCA3FPP1	FP	Field Project		04	15	35	50		02	02					
U24/BCA3MNT1A		HBase and NoSQL	03		15	35	50	02		02					
U24/BCA3MNP1A		HBase and NoSQL Laboratory		04	15	35	50		02	02					
	MN			OF	?		,								
U24/BCA3 MNT1B		Web Development Using PHP	03		15	35	50	02		02					
U24/BCA3 MNP1B		Web Development Using PHP Laboratory		04	15	35	50		02	02					
	GE/ OE	To be selected from College Bucket	03		15	35	50	02		02					
U24/BCA3IKST1	IKS	Indian Knowledge system	03		15	35	50	02		02					
U24/BCA3AECT1	AEC	Sanskrit-I / Marathi-I / Hindi-I	03		15	35	50	02		02					
	СС	To be selected from College Bucket	03		15	35	50	02		02					
	Total		21	16	165	385	550	14	8	22					

Course Code	Course Type	Course Name	Sch	ching neme Week		amina heme Mark	and		Cred	its				
			TH	PR	CE	EE	Total	TH	PR	Total				
U24/BCA4MCT1		Core JAVA	03		15	35	50	02		02				
U24/BCA4MCT2	MJ	Object Oriented Software Engineering	03		15	35	50	02		02				
U24/BCA4 MCP1		Core JAVA Laboratory		04	15	35	50		02	02				
U24/BCA4 VSCP1	VSC	Go Programming		04	15	35	50		02	02				
U24/BCA4 CEPP1	CEP	Community Engagement Program		04	15	35	50		02	02				
U24/BCA4 MNT1A		MongoDB	03		15	35	50	02		02				
U24/BCA4 MNT1A		MongoDB Laboratory		04	15	35	50		02	02				
	MN			OF	?									
U24/BCA4 MNT1B		React Web Framework	03		15	35	50	02		02				
U24/BCA4 MNP1B		React Web Framework Laboratory		04	15	35	50		02	02				
	GE/ OE	To be selected from College Bucket		04	15	35	50		02	02				
U24/BCA4AECT1	SEC	Power BI OR Open AI	03	04	15	35	50		02	02				
U24/CA4A ECT1	AEC	Sanskrit-II / Marathi-II / Hindi-II	03		15	35	50	02		02				
	СС	To be selected from College Bucket			15	35	50	02		02				
	Total		15	24	165	385	550	10	12	22				

# **Program Structure**

# **Bachelor of Computer Application**

Course Code	Course Type	Course Name	Sch	ching ieme Week		amina heme Mark	and		Cred	its					
			ТН	PR	CE	EE	Total	ТН	PR	Total					
U24/BCA5MCT1		Advance Java	05		30	70	100	04		04					
U24/BCA5MCT2		Computer Network	03		15	35	50	02		02					
U24/BCA5MCP1	MJ	Advance Java Laboratory		04	15	35	50		02	02					
U24/BCA5MCT3		Python Programming	03		15	35	50	02		02					
U24/BCA5MCP2		Python Programming Laboratory		04	15	35	50		02	02					
U24/BCA5MET1A		Android	03		15	35	50			02					
U24/BCA5MEP1A		Android Laboratory		04	15	35	50		02	02					
	ME						OR								
U24/BCA5 MET1B		NET Programming	03		15	35	50	02		02					
U24/BCA5MEP1B		.NET Programming Laboratory		04	15	35	50		02	02					
U24/BCA5VSCP1	VSC	Scala Framework		04	15	35	50		02	02					
U24/BCA5FPP	FP	Field Project		04	15	35	50		02	02					
U24/BCA5MNT1A		Big data	03		15	35	50	02		02					
	MN		OR												
U24/BCA5MNT1B		Node JS and Express JS	03		15	35	50	02		02					
	Total			20	165	385	550	10	10	22					

### **Business Administration Computer Application**

Course Code	Course Type	Course Name	Sch	ching neme Week		amina heme Mark	and		Credi	its
			TH	PR	CE	EE	Total	TH	PR	Total
U24/BCA6MCT1		Artificial Intelligence	03		15	35	50	02		02
U24/BCA6MCT2		Cyber Security	03		15	35	50	02		02
U24/BCA6MCP1	MJ	Artificial Intelligence Laboratory		04	15	35	50		02	02
U24/BCA6MCT3		Operating System	05		30	70	100	04		04
U24/BCA6MCP2	<del>-</del>	Operating System Laboratory		04	15	35	50		02	02
U24/BCA6MET1A		UI & UX	03		15	35	50	02		02
U24/BCA6MEP1A		UI & UX Laboratory		04	15	35	50		02	02
	ME						OR			
U24/BCA6MET1B	··· <u>-</u>	Machine Learning	03		15	35	50	02		02
U24/BCA6MEP1B		Machine Learning Laboratory		04	15	35	50		02	02
U24/BCA6VSCP1	VSC	Spring Framework		04	15	35	50		02	02
U24/BCA6OJTP	OJT	On Job Training		08	30	70	100		04	04
	Total		14	24	165	385	550	10	12	22

**Note:** Students are required to complete on-the-job training or internship in an industry, organization or on-campus for a total duration of 240 hours with 8 hours per day. This preferably takes place during winter vacations after the Semester V examinations and the commencement of Semester VI.

Exit Option: Upon completion of the specified requirements, students have two options: Award of UG Degree in Major with 132 Credits or Continue with Major or Minor.

OR

Course Code	Course Type	Course Name	Sch	ching ieme Week		amina heme Mark	and		Credi	ts
			TH	PR	CE	EE	Total	TH	PR	Total
U24/BCA6MCT1		Artificial Intelligence	05		30	70	100	04		04
U24/BCA6MCT2		Cyber Security	05		30	70	100	04		04
U24/BCA6MCT3		Operating System	05		30	70	100	04		04
U24/BCA6MCT4	MJ	UI & UX OR Machine Learning	05		30	70	100	04		04
U24/BCA6MCT5		Spring Framework	03		15	35	50	02		02
					OR					
SLIP 24/BCA8MOOC		MOOC Online Courses						18		18
U24/BCA6SLIP	OJT	On Job Training		08	30	70	100		04	04
	Total			08	165	385	550	18	04	22

# **Program Structure**

### **Business Administration Computer Application**

Course Code	Course Type	Course Name	Sch	ching ieme Week	Examination Scheme and Marks		and		Cred	its
			тн	PR	CE	EE	Total	ТН	PR	Total
U24/BCA7MCT1		Block chain	05		30	70	100	04		04
U24/BCA7MCT2		Cloud Technologies	05		30	70	100	04		04
U24/BCA7 MCP1	MJ	Cloud Technologies Laboratory		04	15	35	50		02	02
U24/BCA7 MCP2		Block chain Laboratory		04	15	35	50		02	02
U24/BCA7MCT3		DevOps	03		15	35	50	02		02
U24/BCA7MET1A		Natural Language Processing	03		15	35	50	02		02
U24/BCA7MEP1A		Natural Language Processing Laboratory		04	15	35	50		02	02
	ME				0 R					
U24/BCA7MET1B		Django Web Framework	03		15	35	50	02		02
U24/BCA7MEP1B		Django Web Framework Laboratory		04	15	35	50		02	02
U24/BCA7RMT1	RM	Fundamentals of Research Methodology	05		30	70	100	04		04
Total		21	12	165	385	550	16	06	22	

### **Business Administration Computer Application**

Course Code	Course Type	Course Name	Sch	ching ieme Week		amina heme Mark	and		Credi	its
			TH	PR	CE	EE	Total	TH	PR Total 02 04 02 02 02 02 02 02 02 02	Total
U24/BCA8MCT1		Data Science	02		15	35	50	02		02
U24/BCA8MCT2		Data Analytics	04		30	70	100	04		04
U24/BCA8MCT3	MJ	Deep Learning	04		30	70	100	04		04
U24/BCA8MCP1		Data Analytics Laboratory		04	15	35	50		02	02
U24/BCA8MCP2		Deep Learning Laboratory		04	15	35	50		02	02
U24/BCA8MET1A		Data Mining and Data Warehousing	02		15	35	50	02		02
U24/BCA8MEP1A		DMDW Laboratory		04	15	35	50		02	02
	ME			C	R					
U24/BCA8MET1B		Computer Vision	02		15	35	50	02		02
U24/BCA8MEP1B	(	Computer Vision Laboratory		04	15	35	50		02	02
U24/BCA8OJT	OJT	On-Job Training/Internship*		08	30	70	100		04	04
	Total		12	20	165	385	550	12	10	22

Award of Four years UG Honors Degree in Major and Minor with 176 credit

OR

Course Code	Course Type	Course Name	Sch	ching neme Week		amina heme Mark	and		Credi	its
			TH	PR	CE	EE	Total	ТН	PR	Total
U24/BCA8MCT1		Data Science	05		30	70	100	04		04
U24/BCA8MCT2		Data Analytics	05		30	70	100	04		04
U24/BCA8MCT3		Deep Learning	05		30	70	100	04		04
U24/BCA8MCT4	MJ	Data Mining and Data Warehousing / Computer Vision	05		30	70	100	04		04
U24/BCA8MCT5		Computer Vision	03		15	35	50	02		02
			С	)R						
SLIP 24/BCA8MOOC		MOOC Online Courses						18		18
U24/BCA8OJT	OJT	On-Job Training/Internship*		08	30	70	100		04	04
	Total			08	165	385	550	18	04	22

Abbreviations: MJ – Major Core | ME- Major Elective | MN-Minor | VSC- Vocational Skill Course | IKS - Indian Knowledge System FP – Field Project | OJT – On Job Training | CEP – Community Engagement Program | GE / OE – Generic Elective / Open Elective SEC- Skill Enhancement Course | AEC- Ability Enhancement Course | VEC – Value Education course | CC- Co-curricular Course RM – Research Methodology | T-Theory | P-Practical



































Our Eminent Recruiters



# College campus



### Connect Us:











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