	3) Statement of Marks of Std 12th **OR** 3) Statement of Marks of Std 10thAND Statement of marks of all 3 years of Diploma **OR** 3) Statement of Marks of Std 10thANDStatement of marks of all 2 years of ITI **OR** 4) Statement of Marks of Std 10thANDStatement of marks of all 2 years of Maharashtra State Board of Vocational Education course

6. Language of Instruction

The medium of instruction of all the programmes is English Language only. **All Study Material of the programmes is in English in the form of PDF**. The medium of examination will be English; however, the Coordinator, Counselor or supervisor may use English /Marathi /Any other language to help the learners understand the subject well.

7. Educational Network for Programme Delivery

The University has its headquarters in Nashik. Keeping in line with its vision of taking education to every doorstep, the University takes care to provide its academic programmes to the learners located in different parts of Maharashtra State. For this the University has established 8 Regional Centres and the network of authorized Learner Support Centres in Maharashtra.

The instructional package consists of the following components:

- Study material developed by experts using instructional technology.
- Good quality instructional text adopted from the market.
- Face-to-face / Online contact sessions organized at the Learner Support Centres.
- Practical Components handled at the Learner Support Centres.
- Evaluation of learners at the Examination Centers.

8. Programme Structure

B.C.A. (Bachelor of Computer Applications) (2025 pattern) [UGP05]

Course Code	Category	Course Name	Theory/ Practical/ Project	Contact (HRS)	Credit Points	Assessment Type	Passing Marks
Semester 1							
BCAC101	Major (Core)	Problem Solving Techniques	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC102	Major (Core)	Mathematics	Theory	60	4	CA(12/30) + EE(32/70)	40/100
BCAS101	SEC	Lab: Problem Solving Techniques	Practical	30	4	CA(20/50) + EE(20/50))	40/100
BCAV101	VSC	Advanced Excel	Practical	15	2	CA(10/25) + EE(10/25)	20/50
AECL101	AEC	Listening and Speaking Skills	Theory	30	2	CA(6/15) + EE(14/35)	20/50
VECD101	VEC	Introduction to Constitution	Theory	30	2	CA(6/15) + EE(14/35)	20/50

		of India					
IKSK104	IKS	भारतीय ज्ञान परंपरेच्या अनुशंगाने विज्ञान व तंत्रज्ञान	Theory	30	2	CA(6/15) + EE(14/35)	20/50
	CC	Choose from CC list (Appendix F)					
						Total	**220/550**
Semester 2							
BCAC103	Major (Core)	Data Structure using C++	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC104	Major (Core)	Web Technology	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC105	Major (Core)	Operating System	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAV102	VSC	Lab: Web Technology	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAS102	SEC	Lab:Data Structure using C++	Practical	15	2	CA(10/25) + EE(10/25)	20/50
AECL102	AEC	Reading and Writing Skills	Theory	30	2	CA(6/15) + EE(14/35)	20/50
VECD102	VEC	Environmental Education	Theory	30	2	CA(6/15) + EE(14/35)	20/50
	CC	Choose from CC list (Appendix F)					
						Total	**220/550**
Award of UG Certificate in the Faculty of Computer Science – Computer Applications (Level 4.5) with 44 credits and an additional 4 credits core NSQF course/Internship OR Continue							
Semester 3							
BCAC201	Major (Core)	Python Programming	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC202	Major (Core)	Data Base Management System	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC203	Major (Core)	Statistics	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAC204	Major (Core)	Vedic Mathematics	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAV201	VSC	Lab: Python Programming	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAS202	SEC	Lab: Data Base Management System	Practical	15	2	CA(10/25) + EE(10/25)	20/50
AECL201	AEC	श्रवण आणि संभाषण कौशल्ये	Theory	30	2	CA(6/15) + EE(14/35)	20/50
	CC	Choose from CC list (Appendix F)					
Elective Course Select Any one from BCA205, BCA206 and BCA207							
BCAC205	DSE	Fundamentals of AI	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAC206	DSE	Fundamentals of Data Science	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAC207	DSE	Fundamentals of IoT	Theory	30	2	CA(6/15) + EE(14/35)	20/50
						Total	**220/550**
Semester 4							
BCAC208	Major (Core)	Java Programming	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC209	Major (Core)	Software Engineering	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC210	Major (Core)	Computer Networks	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAV202	VSC	Lab: Java Programming	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAS201	SEC	Lab: Software Engineering	Practical	15	2	CA(10/25) + EE(10/25)	20/50
AECL202	AEC	वाचन आणि लेखन कौशल्ये	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAF201	FP	Minor Project	Project	15	2	CA(20/50)	20/50
Elective Course Select Any one from BCA211, BCA212 and BCA213							
BCAC211	DSE	Machine Learning and Deep Learning	Theory	30	2	CA(6/15) + EE(14/35)	20/50

BCAC212	DSE	Statistics for Data Science	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAC213	DSE	IoT Hardware and Software	Theory	30	2	CA(6/15) + EE(14/35)	20/50
						Total	**220/550**
Award of UG Diploma in the Faculty of Computer Science - Computer Applications (Level 5.0) with 88 credits and an additional 4 credits core NSQF course/ Internship OR Continue							
Semester 5							
BCAC301	Major (Core)	Advance Java	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC302	Major (Core)	Cloud computing	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC303	Major (Core)	Design and Analysis of Algorithms	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAS301	SEC	Financial management	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAS302	SEC	Lab : Advance Java	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAV301	VSC	Lab : Cloud computing	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAF301	FP	Major Project Foundation	Project	30	4	CA(20/50)	40/100
Elective Course Select Any one from BCA304, BCA305 and BCA306							
BCAC304	DSE	Fuzzy Logic & Expert System	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAC305	DSE	SQL for Data Management	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAC306	DSE	Networking and Connectivity in IoT	Theory	30	2	CA(6/15) + EE(14/35)	20/50
						Total	**220/550**
Semester 6							
BCAC307	Major (Core)	Android Programming	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAC308	Major (Core)	Data Warehousing and Data Mining	Theory	60	4	CA(12/30) + EE(28/70)	40/100
BCAS302	SEC	Digital Marketing	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAV303	VSC	Lab: Android Programming & Data Mining	Practical	30	4	CA(20/50) + EE(20/50)	40/100
BCAS303	SEC	Personality and Career Skills	Practical	15	2	CA(10/25) + EE(10/25)	20/50
BCAL301	AEC	Work Life Balance	Theory	30	2	CA(6/15) + EE(14/35)	20/50
BCAO301	OJT	Major Project	Project	30	4	CA(30) + EE(28/70)	40/100
						Total	**220/550**

Note: For Co curricular courses (CC) Learner will select options of his/her choice from Health and Wellness; Yoga; Sports and Fitness; Cultural Activities; Fine Arts; Applied Arts; Visual Arts; Performing Arts; NSS; NCC. For more details **refer Appendix F**.

9. Fees

The Total Programme Fee consists of four independent parts:

- **Mandatory Fees:** Mandatory fees include fees towards Prospectus, Registration, Eligibility Checking, Identity Card, E-Suvidha / E-Services, Sanwad, Sports, Student Welfare (DSW), Chancellor Office Events, Disaster Management, Library, NSS, Student Insurance, Convocation and Alumni.
- **LSC Share:** The LSC share is expected to cover the expenditures incurred or to be incurred by the LSC on various activities related to the programme.
- **University Share:** The University share is expected to cover the expenditures incurred or to be incurred by the university on various academic activities related to the programme.
- **Exam Fees:** The exam fees include the examination fees for the first attempt.