

# Yashwantrao Chavan Maharashtra Open University Nashik

# **School of Computer Science**

**Prospectus** 2020 – 2021

Yashwantrao Chavan Maharashtra Open University, Dnyangangotri, Govardhan, Near Gangapur Dam, Nashik – 422 222 (0253) 2231714, 2231715, 2230717 Web Site: http://ycmou.digitaluniversity.ac Email: scmcs@ycmou.digitaluniversity.ac

## Contents

Sr. No.	Title	Page No.
	Important Dates	1
1	About the School of Computer Science	2
2	Need for Programmes	2
3	Study Centre	3
4	Programmes offered by the School of Computer Science	3
5	Eligibility and Documents to be uploaded while applying	4
6	Language of Instruction	7
7	Educational Network for Programme Delivery	7
8	Programme Structure : Computer Programmes	8
9	Programme Structure : Industrial Science Programmes	12
10	Fees	14
11	Registration of Learners	16
12	Changing the Study Centre	16
13	Re-registration for Degree and Diploma Programmes	16
14	Evaluation	16
15	Award of passing certificate	18
16	Contact Points at Study Centre and YCMOU	19
17	Contact Details of the Regional Centres	20
18	List of Study Centres for Computer Programmes	21
19	List of Study Centres for Industrial Science Programmes	30
	Appendix A	33
	Appendix B	34
	Appendix C	35

School of Computer Science	School	of	Com	puter	Science
----------------------------	--------	----	-----	-------	---------

Dr. Pramod L. Khandare, Director Shri Madhav V. Palshikar Shri Anil Gaikwad, R.F. Smt. Monali Borade J.C.

#### **Students Services Division**

Dr. Prakash Deshmukh, Director Mrs.. Shubhangi<u>.</u> N. Patil

© 2020, Yashwantrao Chavan Maharashtra Open University

- □ First Publication: July 2020
- □ **Publisher** : Registrar, YCMOU, Nashik 422 222

## **Important Dates**

Tuble 1. Mullission benedule for an programmes							
Dates							
15 July 2020 - 31 August 2020							
1 Sept 2020 - 15 Sept 2020							
,							

#### Table 1: Admission Schedule for all programmes

Note: For the schedule of the Internal assessment and Examinations learners and Study Centre Co-ordinator should visit the university website regularly (atleast once in a week).

#### About the School of Computer Science

The School of Computer Science is one of the eight schools of studies the University. Through its quality policy, the School aims to enhance and sustain excellence of its educational programmes. It has a vision to create computer literacy by taking computer education to the masses.

The School envisages to:

• Develop degree, postgraduate and research level computer programmes for creating professional manpower required by the IT industries.

• Develop need-based and job-oriented short-term computer programmes to meet the huge demand of IT skilled manpower in business and industry.

- Ensure relevance of programmes by updating the curriculum dynamically.
- Provide e-Learning support to its learners.
- Establish tie-ups with industries and other educational institutions to share experience and knowledge.
- Carry out research that will help in developing new methods, tools and techniques useful for computer education and applications.
- The School imparts computer education through its Authorized Study Centres.

#### **1.** Need for Programmes

Human society has passed through 'green revolution', 'industrial revolution' and 'information revolution'. Now it is entering into 'knowledge revolution'. Education in general and 'computer education' in particular is gaining utmost importance in today's knowledge society. Computer skills have become the life skills for everybody.

For high productivity and better quality, many business houses, Government departments and industries are making extensive use of computers. Extensive manpower is required to handle and operate these computers. Thus, there is pressing demand of computer professionals to work at various levels in Information Technology (IT) industries.

Highly skilled software professionals are required for nation building. They design and develop software products and systems. They are helpful in providing IT and IT-enabled services. They carry out overseas projects and earn huge amounts of foreign exchange for the country. They become entrepreneurs and establish IT industries, which provide employment for a large number of people.

BCA combine the intellectual challenge of a new discipline with the excitement of an innovative and rapidly expanding information technology. These programmes are intended for those learners who plan careers in computer science, in the fields that make use of computing and for those who plan postgraduate study in computer science.

#### 2. Study Centre

The Study Centre is authorized to conduct computer programmes offered by the University. Depending on the infrastructure of the Study Centre, specific programmes are assigned to that Study Centre.

The Coordinator of the Study Centre shall look after all the activities of the Study Centre including the practical of the learners. The Study Centre perform the following important functions:

- Conduct the Courses as prescribed by the University.
- Make available the hard copy of the Prospectus to the prospective learner for reading purpose at reception.
- Forward necessary information to the University as and when required.
- Organize counseling sessions, practical sessions as per the planned time table prepared by the Study Centre and submitted to YCMOU at the beginning of the academic year.
- Facilitate delivery of instructional material on demand.
- Perform duties as an examination centre.
- Provide any other additional facilities for the learners' benefit.

Learners should carry out the entire computer practical at the Study Centre. The Coordinator/Instructor of the Study Centre will supervise the practical activities.

#### 3. Programmes offered by the School of Computer Science

#### A. Computer Programmes:

Programme	Name of the programme	Duration	* Valid registration
Code			period
Certificate pr	ogrammes		
D101	Computer Fundamentals	6 months	2 years
D102	Office Tools	6 months	2 years
D104	Computerized Financial Accounting	6 months	2 years
D105	Programming Expertise in C	6 months	2 years
D106	Data Structures using C	6 months	2 years
D107	OOPs and C++	6 months	2 years
D112	Visual Programming	6 months	2 years
D113	LINUX	6 months	2 years
D114	ORACLE	6 months	2 years
<b>Degree Progr</b>	amme		
P131	Bachelor of Computer Applications (BCA)	3 years	5 years
Post Graduat	e Degree Programme		
P144	Master of Computer Applications (MCA)	3 years	6 years

#### **B. Industrial Science Programmes:**

Programme Code	Name of the programme	Duration	* Valid registration period
Diploma prog	rammes		
P141	Diploma in Industrial Science	2 years	4 years

\* **Re-registration:** A learner who fails to complete the programme within the valid registration period will have to re-register for the programme.

#### 4. Eligibility and Documents to be uploaded while applying

At present there is **no provision** in the University to admit international learners. The eligibility criteria are given below:

#### A. Computer Programmes

(I) Eligibility

Sr. No.	Programme code	Name of the programme	Year	Pre Qualification
1)	D101	Computer Fundamentals	-	18 years of age complete. Knowledge
2)	D102	Office Tools		of Computers
3)	D104	Computerized Financial Accounting		
4)	D105	Programming Expertise in C		
5)	D106	Data Structures using C		
6)	D113	LINUX		
7)	D107	OOPs and C++	-	18 years of age complete. Knowledge
8)	D111	Programming Excellence through C#		of C Programming
9)	D114	ORACLE		
10)	D112	Visual Programming	-	18 years of age complete. Knowledge of OOPs & C++
11)	P131	Bachelor of Computer Applications (BCA)	FY	<ul> <li>12<sup>th</sup> standard of HSC Board of Maharashtra, or its equivalent [including MCVC] OR</li> <li>3-year Diploma of Board of Technical Examination or equivalent OR</li> <li>2-year ITI Programme of any trade after 10<sup>th</sup> standard OR</li> <li>2-year course of Maharashtra State Board of Vocational Education after 10th OR</li> <li>YCMOU Preparatory</li> </ul>
12)	P131	BCA	SY	FY BCA (P131) registered
13)	P131	BCA	ΤY	SY BCA (P131) registered
14)	P131	Direct admission to the Second Year of BCA Programme	SY	<ul> <li>Successfully completed the 3-year diploma in Computers/Information Technology from Government Technical Board (MSBTE) after 10<sup>th</sup> OR</li> <li>Successfully completed the 1<sup>st</sup> Year of Computer Science/Information Technology/Computer Application degree programme (without ATKT) from the recognized University after</li> </ul>

Sr. No.	Programme code	Name of the programme	Documents (SELF ATTESTED TRUE COPIES) to be uploaded along with the Admission Form
15)	D101	Computer Fundamentals	Age Proof (Birth Certificate, driving
16)	D102	Office Tools	license, Aadhar Card, PAN Card, Leaving
17)	D104	Computerized Financial	Certificate etc)

		Accounting		
18)	D105	Programming Expertise in C		
19)	D106	Data Structures using C		
20)	D113	LINUX		
21)	D107	OOPs and C++		
22)	D111	Programming Excellence		
		through C#		
23)	D114	ORACLE		
24)	D112	Visual Programming		
25)	P131	Bachelor of Computer Applications (BCA)	1)	Age Proof (Birth Certificate, driving license, Aadhar Card, PAN Card, Leaving Certificate)
			2)	Statement of Marks of Std 12 <sup>th</sup>
			2)	OR Statement of Marks of Std 10t <sup>h</sup> AND Statement of marks of all 3 years of Diploma OR
			2)	41-
			2)	- 4
			2)	Statement of Marks of YCMOU
				Preparatory
26)	P131	SY BCA		FY Admitted YCMOU BCA student
27)	P131	TYBCA		SY Admitted YCMOU BCA student
28)	P131	Direct admission to the Second Year of BCA Programme	1)	Age Proof (Birth Certificate, driving license, Aadhar Card, PAN Card, Leaving Certificate etc)
			2)	Mathematics <b>AND</b> First Year Marksheet
			2)	OR Statement of Marks of Std 10 <sup>th</sup> AND Statement of marks of all 3 years of Diploma of MSBTE
		Science Programmes	3)	The First Year Exemption Form (given in <b>Appendix A</b> ).

## **B. Industrial Science Programmes**

#### (I) Eligibility

Sr.	Programme	Name of the	Year	Pre Qualification
No.		programme		
1	P141	Diploma in Industrial Science	FY	10 <sup>th</sup>

2	P141	Diploma in Industrial Science	SY	FY Diploma (P141) admitted
3	P133	B. Sc. (Industrial Science)	FY	<ul> <li>12<sup>th</sup> standard of HSC Board of Maharashtra, or its equivalent [including MCVC]</li> <li>OR</li> <li>3-year Diploma of Board of Technical Examination or equivalent</li> </ul>
				Examination or equivalent OR
				• 2-year ITI Programme of any trade after 10 <sup>th</sup>
				OR
				• 2-year course of Maharashtra State Board of Vocational Education after 10 <sup>th</sup> .
				OR
				YCMOU Preparatory passed
4	P133	B. Sc. (Industrial Science)	SY	FY B.Sc.(I.S.) (P133) registered
5	P133	B. Sc. (Industrial Science)	TY	SY B.Sc.(I.S.) (P133) registered

#### (II) Documents to be uploaded while applying

Sr.	Programm	Name of the	Year	Doc	uments (SELF ATTESTED TRUE
No	e code	programme		CO	PIES) to be uploaded along with the
•				Adn	nission Form
1	P141	Diploma in	FY	1)	Age Proof (Birth Certificate, driving license,
		Industrial Science			Aadhar Card, PAN Card, Leaving Certificate)
				2)	Passing Certificate of Std X and Statement of
					Marks
					OR
				2)	Statement of Marks of YCMOU Preparatory
2	P141	Diploma in	SY	1)	FY Diploma (P141) admitted.
		Industrial Science			
3	P133	B. Sc. (Industrial	FY	1)	Age Proof (Birth Certificate, driving license,
		Science)			Aadhar Card, PAN Card, Leaving Certificate)
				2)	Statement of Marks of Std 12 <sup>th</sup>
					OR
					Statement of Marks of Std 10th AND
					Statement of marks of all 3 years of Diploma
					OR
					Statement of Marks of Std 10 <sup>th</sup> AND
					Statement of marks of all 2 years of ITI
					OR
					Statement of Marks of Std 10 <sup>th</sup> AND
					Statement of marks of all 2 years of
					Maharashtra State Board of Vocational
					Education course
				2)	OR Statement of Marks of VCMOU Propagatory
				2)	Statement of Marks of YCMOU Preparatory

4	P133	B. Sc. (Industrial	SY	$\mathbf{E}\mathbf{Y} \mathbf{D} \mathbf{S}_{\mathbf{r}} (\mathbf{I} \mathbf{S}) (\mathbf{D} 1 2 2)$ respirators d
		Science)		FY B.Sc.(I.S.) (P133) registered
5	P133	B. Sc. (Industrial	ΤY	SY B.Sc.(I.S.) (P133) registered
		Science)		

### 5. 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 ebooks. The medium of examination will be English. However, the Coordinator, Instructor or Counselor may use English /Marathi /Any other language to help the learners understand the subject well.

### 6. 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 Study 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 contact sessions organized at the Study Centres.
- Practical Component handled at the Study Centres.
- Evaluation of learners at the examination centres.

#### 7. Programme Structure: Computer Programmes

#### Certificate in Computer Fundamentals (2016 pattern) Code: D101

Ľ	Certificate in Computer Fundamentals (2016 pattern) Code: D101									
	Course	Course Name	Theory/	Contact	Credit	Assessment	Passing			
	Code	Course Name	Practical	(HRS)	Points	Туре	Marks			
	CMP519	Computer Fundamentals	Theory	60	4	CA(20) +	40/100			
			Theory	00	4	EE(32/80)	40/100			
	CMP719	Lab: Computer Fundamentals	Practical	30	2	EE(20/50)	20/50			
						Total	60/150			
C	ertificate i	n Office Tools (2016 pattern)			(	Code: D102				
	Course	Course Name	Theory/	Contact	Credit	Assessment	Passing			
	Code	Course Name	Practical	(HRS)	<b>Points</b>	Туре	Marks			
	CMP527	Office Tools	Theory	60	4	CA(20) +	40/100			
			Theory	00	4	EE(32/80)	40/100			
	CMP727	Lab: Office Tools	Practical	30	2	EE(20/50)	20/50			
						Total	60/150			

#### Certificate in Computerized Financial Accounting (2016 pattern) Code: D104

Course Code	Course Name	Theory/ Practical		Credit Points	Assessment Type	Passing Marks
CMP531	Computerized Financial Accounting	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP731	Lab: Computerized Financial Accounting	Practical	30	2	EE(20/50)	20/50
					Total	60/150

# Certificate in Programming Expertise in C (2016 pattern) Code: D105 Course Course Name Theory/ Contact Credit Assessment Passing

Code		Practical	(HRS)	<b>Points</b>	Туре	Marks
CMP520	Programming Expertise in C	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP720	Lab: Programming Expertise in C	Practical	30	2	EE(20/50)	20/50
					Total	60/150

Certificate in Data structure using C (2016 pattern) Code: D106							
Course Code	Course Name	Theory/ Practical	Contact (HRS)	Credit Points	Assessment Type	Passing Marks	
CMP528	Data structure using C	Theory	60	4	CA(20) + EE(32/80)	40/100	
CMP728	Lab: Data structure using C	Practical	30	2	EE(20/50)	20/50	
					Total	60/150	

C	'ertificate ir	n OOPs and C++ (2016 pat		Code: D107			
	Course Code	Course Name	Theory/ Practical	Contact (HRS)	Credit Points	Assessment Type	Passing Marks
	CMP503	OOPs and C++	Theory	60	4	CA(20) + EE(32/80)	40/100
	CMP703	Lab: OOPs and C++	Practical	30	2	EE(20/50)	20/50
						Total	60/150

C	ertificate ir	n Visual Programming (2016	pattern)			Code: D112	
	Course Code	Course Name	Theory/ Practical	Contact (HRS)	Credit Points	Assessment Type	Passing Marks
·	CMP535	Visual Programming	Theory	60	4	CA(20) + EE(32/80)	40/100
Ī	CMP735	Lab: Visual Programming	Practical	30	2	EE(20/50)	20/50
						Total	60/150

C	ertificate in	Linux (2016 pattern)	Code: D113				
	Course Code	Course Name	Theory/ Practical	Contact (HRS)	Credit Points		Passing Marks
	CMP515	Linux Administration	Theory	60	4	CA(20) + EE(32/80)	40/100
	CMP715	Lab: Linux Administration	Practical	30	2	EE(20/50)	20/50
						Total	60/150

(	Certificate in	Code: D114					
	Course Code	Course Name	Theory/ Practical	Contact (HRS)	Credit Points		Passing Marks
	CMP536	ORACLE	Theory	60	4	CA(20) + EE(32/80)	40/100
	CMP736	Lab: ORACLE	Practical	30	2	EE(20/50)	20/50
						Total	60/150

## B.C.A. (Bachelor of Computer Applications) (2016 pattern)

Code: P131

Course Course Name	Theory/ PracticalContact (HRS)Cree Point	edit ints Assessment Type	Passing Marks
--------------------	---	------------------------------	------------------

		/ Project				
		Semeste	r 1			
AEC001	English Communication	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP501	Mathematics	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP502	Problem Solving using Computers	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP503	Programming using C++	Theory	60	4	CA(20) + EE(32/80)	40/100
	Lab: Mathematics	Practical	30	2	EE(20/50)	20/50
CMP702	Lab: Problem Solving using Computers	Practical	30	2	EE(20/50)	20/50
CMP703	Lab: Programming using C++	Practical	30	2	EE(20/50)	20/50
					Total	220/550
		Semeste	r 2			
	Environmental Studies	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP504		Theory	60	4	CA(20) + EE(32/80)	40/100
	Data Structure using C++	Theory	60	4	CA(20) + EE(32/80)	40/100
	Computer Networks	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP704	Lab: Statistics	Practical	30	2	EE(20/50)	20/50
CMP705	Lab: Data Structure using C++	Practical	30	2	EE(20/50)	20/50
CMP706	Lab: Computer Networks	Practical	30	2	EE(20/50)	20/50
					Total	220/550
		Semeste				
	IT and E-Learning Skills	Theory	60	4	CA(20) + EE(32/80)	40/100
	Operating System	Theory	60	4	CA(20) + EE(32/80)	40/100
	Web Technologies	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP509	Database Management System	Theory	60	4	CA(20) + EE(32/80)	40/100
	Lab: Operating System	Practical	30	2	EE(20/50)	20/50
CMP708	Lab: Web Technologies	Practical	30	2	EE(20/50)	20/50
CMP709	Lab: Database Management System	Practical	30	2	EE(20/50)	20/50
					Total	220/550
		Semeste	r 4			
OPN272	Financial and Investment Skills	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP510	Computer System Architecture	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP511	Software Engineering	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP512		Theory	60	4	CA(20) + EE(32/80)	40/100
CMP710	Lab: Computer System Architecture	Practical	30	2	EE(20/50)	20/50
CMP711	Lab: Software Engineering	Practical	30	2	EE(20/50)	20/50
CMP712	Lab: JAVA	Practical	30	2	EE(20/50)	20/50
					Total	220/550
		Semeste	r 5		<u>.</u>	
	Quantitative Aptitude	Theory	60	4	CA(20) + EE(32/80)	40/100
	E Commerce Technologies	Theory	60	4	CA(20) + EE(32/80)	40/100
	Advance JAVA	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP515	Linux Administration	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP713	Lab: E Commerce Technologies	Practical	30	2	EE(20/50)	20/50

CMP714	Lab: Advance JAVA	Practical	30	2	EE(20/50)	20/50				
CMP715	Lab: Linux Administration	Practical	30	2	EE(20/50)	20/50				
					Total	220/550				
	Semester 6									
OPN273	Personality and Career Skills	Theory	60	4	CA(20) + EE(32/80)	40/100				
CMP516	Android Programming	Theory	60	4	CA(20) + EE(32/80)	40/100				
CMP517	PHP Programming	Theory	60	4	CA(20) + EE(32/80)	40/100				
CMP716	Lab: Android Programming	Practical	30	2	EE(20/50)	20/50				
CMP717	Lab: PHP Programming	Practical	30	2	EE(20/50)	20/50				
CMP801	Project-BCA	Project	90	6	EE(60/150)	60/150				
					Total	220/550				

## 8. Programme Structure: Industrial Science Programmes

# Diploma in Industrial Science (2016 pattern)

### Code: P141

Course Code	Course Name	Theory/ Practical / Project Semeste	Contact (HRS)	Credit Points	Assessment Type	Passing Marks
GEN204	Communication Skills	Theory	60	4	CA(20) + EE(32/80)	40/100
	Health Safety & Environment	Theory	60	4	CA(20) + EE(32/80) CA(20) + EE(32/80)	40/100
DIS101 DIS102	Basic IT Skills		60 60	4	CA(20) + EE(32/80) CA(20) + EE(32/80)	40/100
DIS102	Workshop Technology &	Theory	00	4	CA(20) + EE(32/80) CA(20) + EE(32/80)	40/100
DIS103	Documentation	Theory	60	4	CA(20) + EE(32/80)	40/100
DIS104	Lab: Health Safety &	Practical	30	2	EE(20/50)	20/50
	Environment					
DIS105	Lab: Basic IT Skills	Practical	30	2	EE(20/50)	20/50
DIS106	Lab: Workshop Technology	Practical	30	2	EE(20/50)	20/50
DISTOC	& Documentation	Thetheur	50	2		
					Total	220/550
	1	Semeste				
DIS201	Business Statistics	Theory	60	4	CA(20) + EE(32/80)	40/100
	Electronic Devices	Theory	60	4	CA(20) + EE(32/80)	40/100
DIS203	Advance IT Skills	Theory	60	4	CA(20) + EE(32/80)	40/100
DIS204	Introduction to Mechanical Instruments	Theory	60	4	CA(20) + EE(32/80)	40/100
DIS205	Lab: Electronic Devices	Practical	30	2	EE(20/50)	20/50
DIS206	Lab: Advance IT Skills	Practical	30	2	EE(20/50)	20/50
DIS207	Lab: Introduction to Mechanical Instruments	Practical	30	2	EE(20/50)	20/50
					Total	220/550
		Semeste	er 3		Total	220/330
DIS301	Business Communication	Theory	60	4	CA(20) + EE(32/80)	40/100
	Organizational Behavior	Theory	60	4	CA(20) + EE(32/80)	40/100
DIS313	Analog Electronics	Theory	60	4	CA(20) + EE(32/80)	40/100
	Electronic Communication	Theory	60	4	CA(20) + EE(32/80)	40/100
	Lab: Organizational Behavior	Practical	30	2	EE(20/50)	20/50
DI\$316	Lab: Analog Electronics	Practical	30	2	EE(20/50)	20/50
DIS317	Lab: Electronic Communication	Practical	30	2	EE(20/50)	20/50
<u> </u>					Total	220/550
	1	Semeste	er 4	L		
DIS401	Quality Control	Theory	60	4	CA(20) + EE(32/80)	40/100
DIS402	Inventory Management	Theory	60	4	CA(20) + EE(32/80)	40/100
	Digital Electronics	Theory	60	4	CA(20) + EE(32/80)	40/100
	Lab: Inventory Management	Practical	30	2	EE(20/50)	20/50
DIS415	Lab: Digital Electronics	Practical	30	2	EE(20/50)	20/50
	Project - DIS	Project	90	6	EE (60/150)	60/150
		ž			Total	220/550

## B.Sc. (Industrial Science) (2016 pattern)

#### Code: P133

Course Code	Course Name	Theory/ Practical / Project	Contact (HRS)	Credit Points	Assessment Type	Passing Marks				
Semester 1										
AEC001	English Communication	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS101	Applied Mathematics	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS102	Organizational Behaviour	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS103	Business Environment- I	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS104	Lab: Applied Mathematics	Practical	30	2	EE(20/50)	20/50				
BIS105	Lab: Organizational Behaviour	Practical	30	2	EE(20/50)	20/50				
BIS106	Lab: Business Environment- I	Practical	30	2	EE(20/50)	20/50				
					Total	220/550				
	•	Semester	r 2							
ENV121	Environmental Studies	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS201	Applied Science	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS202	Introduction to ERP	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS203	Business Environment- II	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS204	Lab : Applied Science	Practical	30	2	EE(20/50)	20/50				
BIS205	Lab :Introduction to ERP	Practical	30	2	EE(20/50)	20/50				
BIS206	Lab :Business Environment- II	Practical	30	2	EE(20/50)	20/50				
					Total	220/550				
		Semester	r 3							
ICT151	IT and E-Learning Skills	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS301	Office Tools	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS302	Japanese Management Techniques	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS303	Quality Assurance & Control	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS304	Lab :Office Tools	Practical	30	2	EE(20/50)	20/50				
BIS305	Lab :Japanese Management Techniques	Practical	30	2	EE(20/50)	20/50				
BIS306	Lab :Quality Assurance & Control	Practical	30	2	EE(20/50)	20/50				
					Total	220/550				
		Semester		-						
GEN204	Communication Skills	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS401	Project Management using MS-Project	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS402	Entrepreneurship Development	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS403	Quality Management Systems	Theory	60	4	CA(20) + EE(32/80)	40/100				
BIS404	Lab :Project Management using MS-Project	Practical	30	2	EE(20/50)	20/50				
BIS405	Lab :Entrepreneurship Development	Practical	30	2	EE(20/50)	20/50				
BIS406	Lab :Quality Management Systems	Practical	30	2	EE(20/50)	20/50				
					Total	220/550				
		Semester	r 5							

OPN273	Personality and Career Skills	Theory	60	4	CA(20) + EE(32/80)	40/100
BIS501	Engineering Graphics	Theory	60	4	CA(20) + EE(32/80)	40/100
BIS502	Electrical Technology	Theory	60	4	CA(20) + EE(32/80)	40/100
BIS503	Production Technology- I	Theory	60	4	CA(20) + EE(32/80)	40/100
BIS504	Lab :Engineering Graphics	Practical	30	2	EE(20/50)	20/50
BIS505	Lab Electrical Technology	Practical	30	2	EE(20/50)	20/50
BIS506	Lab :Production Technology- I	Practical	30	2	EE(20/50)	20/50
					Total	220/550
		Semester	r 6			
CMP332	Quantitative Aptitude	Theory	60	4	CA(20) + EE(32/80)	40/100
BIS601	CNC Technology	Theory	60	4	CA(20) + EE(32/80)	40/100
BIS602	Production Technology- II	Theory	60	4	CA(20) + EE(32/80)	40/100
BIS603	Lab :CNC Technology	Practical	30	2	EE(20/50)	20/50
BIS604	Lab :Production Technology- II	Practical	30	2	EE(20/50)	20/50
BIS605	Project	Project	90	6	EE (60/150)	60/150
					Total	220/550

**B.Sc.** (Industrial Science) is not on offer this year since the approval is awaited from UGC. The learners who have already register can take further admissions.

#### 9. Fees

The total Programme Fee consists of 2 independent parts:

- University Programme Fees (UPF)
- Study Centre Fees (SCF)

The UPF is expected to cover the expenditures incurred or to be incurred by the university on various activities related to the program. While taking admission, the learner has to pay the entire UPF through online mode to the University.

The SCF is expected to cover the expenditures incurred or to be incurred by the SC on various activities related to the program. While taking admission, the learner has to pay the entire SCF to the Study Centre in person.

The university fees include the examination fees for the **first** attempt and the Convovation fees of Rs. 300/-.

#### Note: No installments in the Fees will be given.

Sr.	Programme	Name of the programme	University	Study	Total
No.	code		Programme Fees	Centre Fee	Fee
1)	D101	Computer Fundamentals	1100	1500	2600
2)	D102	Office Tools	1100	1500	2600
3)	D104	Computerized Financial	1100	1500	2600
		Accounting			
4)	D105	Programming Expertise in C	1100	1500	2600
5)	D106	Data Structures using C	1100	1500	2600
6)	D107	OOPs and C++	1100	1500	2600
7)	D112	Visual Programming	1100	2500	3600
8)	D113	LINUX	1100	1500	2600
9)	D114	ORACLE	1100	2500	3600

#### A) Certificate Programmes:

#### University Fee Breakup

Sr.	Programme	Exam	Tuition	Reg.	Other	Dev	University
No.	code	Fee	Fee	Fee	Fee	Fund	<b>Programme Fees</b>
1)	D101	300	250	100	200	250	1100
2)	D102	300	250	100	200	250	1100
3)	D104	300	250	100	200	250	1100
4)	D105	300	250	100	200	250	1100
5)	D106	300	250	100	200	250	1100
6)	D107	300	250	100	200	250	1100
7)	D112	300	250	100	200	250	1100
8)	D113	300	250	100	200	250	1100
9)	D114	300	250	100	200	250	1100

## **B)** Diploma Programmes

Sr.	Programme	Name of the	Year	University	Study	<b>Total Fee</b>
No.	code	programme		<b>Programme Fees</b>	<b>Centre Fee</b>	
1)	P141	Diploma in	FY	3600	6500	10100
2)		Industrial Science	SY	3600	6500	10100

#### University Fee Breakup

Sr.	Programme	Year	Exam	Tuition	Reg.	Other	Dev	University Programme
No.	code		Fee	Fee	Fee	Fee	Fund	Fees
1)	P141	FY	750	1000	100	200	1550	3600
2)		SY	1050	1000	100	200	1250	3600

#### **C) Degree Programmes**

Sr.	Programme	Name of the	Year	University	Study	Total
No.	code	programme		<b>Programme Fees</b>	<b>Centre Fee</b>	Fee
1)	P131	Bachelor of	FY	7100	12000	19100
		Computer	SY	9100	13000	22100
		Applications	TY	6100	10000	16100
		(BCA)	Direct SY	11100	13000	24100
2)	P133	B. Sc.	FY	3100	5000	8100
		(Industrial				
		Science)				
3)			SY	3100	5000	8100
4)			TY	3100	5000	8100

#### University Fee Breakup

Sr.	Programme	Year	Exam	Tuition	Reg.	Other	Dev	Credit	University	
No.	code		Fee	Fee	Fee	Fee	Fund	Transfer	<b>Programme Fee</b>	s
3)	P131	FY	1050	1000	100	200	4750	-	7100	
4)		SY	1050	1000	100	200	6750	-	9100	
5)		TY	1350	1000	100	200	3450	-	6100	
6)		Direct SY	1050	1000	100	200	6750	2000	11100	
7)	P133	FY	450	400	100	200	1950	-	3100	
8)		SY	450	400	100	200	1950	-	3100	
9)		TY	750	400	100	200	1650	-	3100	

#### **10. Registration of Learners**

It is necessary for the learner to attend the counseling and practical sessions at the Study Centre. So before selecting the Study Centre, the learner is advised to visit the nearby Study Centre of his/her choice and ensure that he/she is satisfied as per his/her needs. The list of authorized Study Centres is available on the website.

Admission Process: For admission process, please visit the university website (<u>http://ycmou.digitaluniversity.ac</u>) / Study Centre of your choice.

#### **11. Changing the Study Centre**

The Learner once registered, cannot change the Study Centre in-between the academic year for which the fees have been paid. However, while taking the admission next time, the learner can change the Study Centre.

#### 12. Re-registration for Degree and Diploma Programmes

The registration to the programme **BCA** will be valid for a period of 5 years including the year of registering for the first year. The learner should complete BCA successfully within this period.

The registration to the programme **Diploma in Industrial Science** will be valid for a period of 4-years duration. The learner should complete it within this period.

After the expiry of the valid registration period, the learner should re-register i.e. take fresh admission to the programme by paying to the University, the fees specified at that time (provided the University continues to offer this programme at that time). All the rules and regulations, which exist at the time of re-registration, will apply to the learner.

#### **13. Evaluation**

University has decided to conduct the **descriptive** end examination pattern. **Examination of** all learners (including learners registered in old pattern) will be of descriptive type. Repeater learners will also be required to take descriptive type examination.

A learner shall need to successfully complete all the courses in the academic program (including Industrial Training course, if any) to successfully complete the academic program.

The performance at the examinations for all the courses in the academic program (except those which are "exempted") shall determine the overall class or division or Cumulative Grade Performance Average (CGPA).

#### Marks system:

- 1. For the purpose of evaluation, there are three types of courses, namely, (i)Theory Courses (ii) Practical Course (iii) Project Course
- 2. For **Theory Courses**, there will be two components in examination, namely, (i) Continuous Assessment (CA) and (ii) End Examination (EE).
- 3. The Continuous Assessment (CA) for a Theory Course shall consist of activities including assignment, class test and seminars to be set, organized and evaluated by the respective Study Centre. The marks obtained by each learner (20% of the total marks) in a format given in by examination section must be submitted by the Study Centre (SC) before the commencement of the EE, to the Controller of Examinations (CoE). The mark

statement of the learners shall be displayed on the Notice Board by the SC and shall be uploaded by the YCMOU on its websites.

- 4. The EE (of 80 marks) shall be set, organized and evaluated under supervision and control of the Controller of Examination, YCMOU. The EE shall consist of compulsory questions of 5 marks each.
- 5. For successful completion of a Theory Course, the learner must secure at least 40 % marks in the EE AND at least 40% in combined total of CA and EE. In case the learner does not complete a theory course successfully, (s) he may take the EE as a repeater learner by paying requisite fee and by following stipulated procedure. Existing marks in CA of repeater learners will be considered while calculating result of repeat examination. No repeat examination in CA will be taken. (Explanation: A learner has, (for a course of 100 total marks), secured 20 marks out of 20 in CA and has secured 20 marks out of 80 in EE, thus has secured aggregate 40 marks out of 100. She shall not be treated as "passed" because she has not secured 40 % marks in EE. On the other hand, a learner who has obtained 5 marks out of 20 in CA (less than 40%) and 35 marks out of 80 in EE (more than 40%) thus securing 40 marks out of 100 in aggregate is treated as successful as she has secured more than 40% in EE and more than 40% in aggregate.)
- 6. There are standard errors of measurements (SEM) in any measurement process, including the psychometric process of learner evaluation. To make up for injustice which may cause to examinees failing to secure required minimum marks by less than 1 SEM of marks, "grace" marks are awarded only for the Theory courses and *Theory* part of the Theory-cum-practical courses. There shall be grace marks awarded to examinees to the extent of 4% of maximum marks for the aggregate (CA+EE). Such grace marks shall be added to EE part only if the result of such operation results in the examinee becoming successful in completion of the course. Thus, for theory course of 100 marks (EE+CA), examinees who secured EE marks (out of 80) of 28,29,30 and 31 shall be given grace marks of 4,3,2,1 respectively, provided such addition results in the successful completion of the course. The modified marks shall be shown in the EE part of the mark statement.
- 7. For **Practical Courses** an end examination of maximum marks, shown in the course structure, shall be conducted at an examination centre with the facilities of laboratory for conduct of practical activities.
- 8. The learners, for the **Practical courses**, shall be evaluated with the following criteria. Actual Performance of the examinee shall carry a weight of 60%, the workbook Journal 20%, and a Viva of 20%. A candidate must secure 40% or more marks to successfully complete the practical courses.
- 9. No repeater examination in Continuous Assessment will be conducted.
- 10. The Project Work type of courses shall carry marks as defined in the course structure. Of these marks to be allotted, 50% marks are to be assigned by Internal Examiner and 50% by the External Examiner. The evaluation will be based on the performance of the learner in Viva Voce, Project Report and Presentation based on the Project work. The learner needs to secure 40% marks in the Project Examination to successfully complete the course.

#### Learners Evaluation with Grade system:

- 1. The examination system shall be same as that with the marking with the following additional changes:
- 2. The marks scored by the learner shall be converted into grade points using rules approved by the university authority.
- 3. Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F. The UGC recommends a 10-point grading system with the following letter grades and points as given below:

Grade Point
10
9
8
7
6
5
4
0
0

#### 14. Award of passing certificate

Award of Certificate: A learner becomes eligible for the award of certificate after successful completion of the course components included in the certificate programme.

Award of Diploma: A learner becomes eligible for the award of diploma after successful completion of the course components included in the diploma programme. Award of Degree: A learner becomes eligible for award of degree after successful completion of the courses included in the concerned degree programme.

Type of Difficulties / Problems	Contact Points
Difficulties in any course and planning of academic activities at the Study Centre	The Counselor / Coordinator at Study Centre
Registration Related Matters	<b>Registration Head,</b> nondani@ycmou.digitaluniversity.ac Ph: (0253) 2230229, 9423979647
Registration, Student Services and Study Centre Related Matters/Grievances	Director, Student Services Division dir_ssd@ycmou.digitaluniversity.ac Ph: (0253) 2231478
Examination Related Matters	Deputy Registrar, Examination Ph: (0253) 2231479 / 2230058 examcomp.ycmou@gmail.com
Examination related Grievances	The Controller of Examination coe@ycmou.digitaluniversity.ac Ph: (0253 Ph: (0253) 2231479 / 2230058)
Academic Matters/Study Centre related problems	School of Computer Science Ph: (0253) 2230717 scs@ycmou.digitaluniversity.ac
Grievances related to Academic Matters /Study Centre	Director, School of Computer Science dir_comp@ycmou.digitaluniversity.ac

# **15. Contact Points at Study Centre and YCMOU**

# **16. Contact Details of the Regional Centres**

Sr. No.	Name & Address of Region	District	Phone and Fax	Regional Director's Email-id
1)	Amravati Region YCMOU Regional Centre, V.M.V. To Valgoan Road, Post V.M.V., Amravati - 444 604	Akola Amravati Buldhana Yawatmal Washim	(0721) 2531445	rd_amravati@ycmou.digita luniversity.ac
2)	Aurangabad Region YCMOU Regional Centre, Survey No.41, Near Military Hostel,Nandanwan Colony , Chhavni, Aurangabad - 431 002	Aurangabad Beed Jalna Osmanabad	(0240) 2371066, 2371077	rd_aurangabad@ycmou.dig italuniversity.ac
3)	Mumbai Region YCMOU Regional Centre, Jagannath Shankarsheth M.N.C. Primary Marathi School, Frear bridge(South) Nana Chowk, Grant Road (W), Mumbai 400 007	Mumba Raigad Thane Palghar	(022) 23874186, 23826135, 23874177	rd_mumbai@ycmou.digital university.ac
4)	Nagpur Region YCMOU Regional Centre, Subhedar Hall, University Sports Area, Law College Campus, Ravinagar Chouk, Amravati Road, Nagpur- 440001	Bhandara Chandrapur Gadchiroli Nagpur Wardha Gondia	(0712) 2553724, 25	rd_nagpur@ycmou.digitalu niversity.ac
5)	Nashik region YCMOU Regional Centre, Old Municipal Corporation Building, New Pandit Colony, Nashik - 422 002	Ahmednagar Dhule Jalgaon Nashik Nandurbar	(0253) 2317063	rd_nashik@ycmou.digitalu niversity.ac
6)	<b>Pune Region</b> YCMOU Regional Centre, Shahir Annabhau Sathe Prashala Gruha, School No. 5 (Boys), 654, Sadashiv Peth, Kumthekar Marg, Pune 411 030	Pune Satara Solapur	(020) 24457914	rd_pune@ycmou.digitaluni versity.ac
7)	Kolhapur Region YCMOU Regional Centre, Near Post Office Shivaji University Campus, Kolhapur 416 004	Kolhapur Sangli Ratnagiri Sindhudurg	(0231) 2607022	rd_kolhapur@ycmou.digita luniversity.ac
8)	Nanded Region YCMOU Regional Centre, SRT Marathwada University Area, Zari Road, Near Military Boy's Hostel, Nanded - 421 606	Latur Nanded Parbhani Hingoli	(02462) 229940, 283038	rd_nanded@ycmou.digital university.ac

## **17. List of Study Centres for Computer Programmes** Note : for this academic year Diploma in computing is not offered

## Amravati Region

Sr.	District	Study Centre	Coordinator	<b>Programmes Approved</b>
No.				
1	Amravati	SC Code – 12107	0721-2573488	BCA
		Degree College of Physical	94229588433	
		Education, Hanuman Vyayam	Dr. S.E. Yede	
		Nagar, Amravati 444605		
2	Amravati	SC Code – 12207	9422857029	BCA
		Shri R.R. Lahoti Science	9421829776	
		College, Morshi Dist. Amravati	Prof. S.S. Hande	
		444905		
3	Amravati	SC Code – 1510A	9822700926	BCA
		Raghuvir Institute of	Kisan R. Wanjani	
		<b>Information Technology</b> , Near	•	
		Sindhi Colony, Akola Naka		
		Road, Washim 444505		

#### Aurangabad Region

Sr. No.	District	Study Centre	Coordinator	Programmes Approved
1.	Aurangabad	SC Code: 2181A IT Study Centre, Saikrupa, In Front of Muncipal Corp. School, Bansilal Nagar, Aurangabad	Ms.Nilima Bargal 0240-2348447 8805864624	BCA
2.	Aurangabad	SC Code: 21217 Geetai Institute of Management, Plot No.845, Shekta Road, Bidkin, District - Aurangabad, 431105	Ms. Kirtikumar Laxmanrao Ekhande 0240-2346432 9921966159	MCA BCA
3.	Jalna	SC Code: 2379A Vyavasthapanshastra Mahavidyalaya, Kharpudi, Jalna	Mr. Kuril Rohit Omprakash 02482-240058 9404611732	MCA BCA
4.	Jalna	SC Code: 2351A Abhinav College of IT & Management, 25, Chatrapati Colony, Near Old Tahasil Office, Old Jalana	Mr. Pratik P. Jafrabadkar 02482-220582 9422928123	BCA
5.	Aurangabad	SC Code : 21166 Gramaudyogik Shikshan Mandal,Aurangabad, Marathwada Istitute of Technology, P.B. No. 327, Beed Bypass Road, Satara Parisar, Aurangabad. 431005	Dr. N.G. Patil 9028887885 Email : principal.mit@mit.a sia	MCA BCA

## Mumbai Region

Sr.	District	Study Centre	Coordinator	<b>Programmes Approved</b>
No.				

1.	Mumbai	SC Code: 31236	Mr.Maurya Arun	MCA
••		Smt.P.D.Hinduja Trust's	Abhaydev	BCA
		Institute of Management	022-40989038	
		<b>Studies,</b> Hinduja College, 315,	022-40989000	
		New Charni Road	9867336636	
		Mumbai	,	
2.	Mumbai	SC Code: 31453	Sameer Baban	MCA
		S S and L S Patkar Varde	Kamble	BCA
		College, Campus, S V Road	022-28781188/	
		Opp. Filmstan Studio, Goregaon	28732731	
		West, Mumbai 400062	970241037	
3.	Mumbai	SC Code: 31499	Gargote Seema	MCA
		Pune Vidyarthi Gruha's	Jitendra	BCA
		College of Science and	022-	
		Technology, CTS No. 218, Br.	25069118/250691	
		Nath Pai Nagar, Ghatkopar(E),	15	
		Mumbai 400 077		
4.	Mumbai	SC Code: 3133A	Shri. Shashikant	MCA
		Chetna's Hazarimal Somani	Patil	BCA
		College of Commerce &	022-26422750	
		Economics, Smt. Kusumtai	9372227401	
		Chaudhari College of Arts,		
		Survey No. 341, Near Govt.		
		Colony, Bandra (E), Mumbai –		
		400 051		
5.	Mumbai	SC Code : 31500	Shaikh Ahtesham	MCA
		Anjuman-i-islam's Akbar	Arif	BCA
		Peerbhoy College of	022-	
		Commerce and Economics	23074122/230834	
		Maulana Shaukat Ali Road, Do	05	
		Taki, Grant Road(E), Mumbai 400 008		
6.	Mumbai	SC Code : 3293A	Mahale Nilam	MCA
0.	Mumbur	Anandibai Pradhan Science	Vikas	BCA
		<b>College,</b> Bapusaheb Deshpande	02194-222582	Den
		Edu. Complex Nagothane,	021) 1 222302	
		Talika Roha, Raigad 402 106		
7.	Mumbai	SC Code : 3552A	Kale Abhijeet	MCA
		Vidya Prasarak Madal	Avinash	BCA
		Sanchalit B.N. Bandodkar	022-	
		College of Science, Building 06,	25336507/022-	
		Near CIDCO Bus stop Thane	25337672	
		College Campus Chendani		
		Koliwada, Thane(W) 400601		
8.	Mumbai	SC Code: 31279	Mrs. Aarti oberoi	MCA
		Atharva Institute of	022-40294931	BCA
		Information Technology,	022-40294949	
		Atharva Educational Tust's AET	9867463487	
		Campus, Charkop Naka,		
		Malad(W)		
9.	Mumbai	SC Code: 31401	Ved kunal Harden	MCA
		Shri. Vinubhai Vrajalal Valia	022-28985320/	BCA
		Study Centre, M. K. School	28333347	
		Complex, Factory Lane, Near	8108217130	
		Jambli Gali, Borivali (West),		
1.5		Mumbai 400092		
10.	Mumbai	SC Code: 31319 Shree Mumbadevi Junior	Mrs. Anamika	BCA
		I NIN	Narag	

20.	Thane	SC Code: 35286 Chima Patil Shikshan Sanstha,	Ms. Suman Manojkumar	BCA
19.	Thane	South Indian Children's Education Society's Jr. College, KB Road, Jhambul Phata, Chikhloli, Ambarnath (W), Thane 421505	Mr. Venkteshwar Rao 0251-2680800 808717332	BCA
18.	Thane	SC Code: 35116 Win Informatics Network, Abhas, 1st floor, Oak Baug, New Station road, Behaind Archies Apartement, Kalyan(W)Thane 421301 SC Code: 35201	Mrs. Leena Shailesh Puranik 9819136938 0251- 2311420/7718820 320	BCA
17.	Mumbai	SC Code: 31394 Sailee College of Commerce, MHB Colony, Gorai Road, Borivali (W) SC Code: 35116	Mr. Yogesh D. Darade 022-28673105 7738131546 Mrs. Laona	BCA
16.	Mumbai	SC Code: 31442 <b>Mother Smile Junior College</b> <b>of Commerce &amp; Science</b> 3 <sup>rd</sup> floor, Akurli Municipal Building, Akurli Road, Kandivali(E),Mumbai 400101	Ms. Aditi Chavan 022- 64463932 9833970010/ 9224164523	BCA
15.	Mumbai	SC Code: 31426 Shri G.P.M. Degree College of Science & Commerce Rajarshi Shahu Maharaj Road, BMC School Bldg., Telli Galli, Andheri (E)	Ruchita Mishra 022-26840822/ 26833455 9959497704	BCA
14.	Mumbai	SC Code: 31272 LN College of Management & Technology, Plot No 89, Near General Kariappa Bridge, Rajendra Nagar, Borivali (E) Mumbai 400066	Suman Ramuchit Gupta 9820479800 022- 65000701/650006 25	BCA
13.	Mumbai	SC Code: 31289 Keerti Instistute Of Information Technology, 26/202, Anand Nagar, OM CHS. LTD., Nehru Road, Santacruz (E)	Mr. Ashish Gurav 022-26550480, 26685759 9773415821	BCA
12.	Mumbai	SC Code: 31468 Chandrabhan Sharma College of Arts, Science and Commerce, Powai Vihar Complex, Powai	Mr. Sandeep Vishwakarma 022-25704526 9819543049	BCA
11.	Mumbai	SC Code: 3119A Dr. Shirodkar Education Society, 142/49, Dr Shirodkar High School & College, Dr. Borjes Road, Parel	Mr. Ashish Suresh Gurav 022-64268523 9773415821	BCA
		<b>College of Commerce</b> , C/o C.U.Shah Sarvajanik High School ASHOK NGR., ASHOK MARG, Damodarwadi, KANDIVALI(E), Mumbai 400101	9587373000 8097600090	

		At Dhaniv, Near Dhaniv Talao, Nallasopara (East),Tal. Vasai Dist. Palghar 401208	Shukla 7021043300 9923908419	
21.	Thane	SC Code: 35226 <b>KOKAN MUSLIM EDUCATION</b> <b>SOCIETY'</b> Rais High School Campus Thane Road, Bhiwandi	Manyar Amena Mohd Haroon 02522-225432 9730526005	BCA
22.	Raigad	SC Code: 3258A <b>Yashwant Memorial Trust</b> , Ashoka Gardens,B-14, Near City Post Office, Mahatama Pule Road, Panvel	Mr.Nitin Uttam Salve 022-27460181 022-27456463 9221289861	BCA
23.	Mumbai	SC Code : 31322 Visicomp Technology Pvt. Ltd. BEST Commercial Complex, A-wing, 4th Floor, Opp.Rly. Stn., Andheri(W), Mumbai 400058	Ms. Sarika S. Shah 022-26708186 Mobile No.9320957718	BCA
24.	Mumbai	SC Code : 31119 The Little Flower Polytechnic, 2/A, Little Flower, High School Marg. Goldowli, Andheri (East) Dist. – Mumbai 400 069	Miss. Jyoti Sharma 022-26830627, 916733092	BCA
25.	Thane	SC Code – 35338 JVMS Mehta Degree College Plot No. 9 Sector 19, Airoli Node, Navi Mumbai Dist. Thane 400708	022-20877215 9987559150 Mrs. Sunitha Joshi	MCA, BCA
26.	Mumbai	SC Code – 31509 Thakur Polytechnic, Thakur Complex, 90 <sup>th</sup> Road, Kandivali(East), Dist- Mumbai 400101	022-40037315 9819132750	MCA, BCA

# Nagpur Region

Sr. No.	District	Study Centre	Coordinator	Programmes Approved
1.	Nagpur	SC Code: 44245 Microbyte Computer Academy, 1st Floor,	Mrs. Vaishali D. Sonawane 0712-2551617, 2525964 9403869913	BCA
		Opp. Dhiran Kanya School, Jhansi Rani Sq., Sitauldi, Nagpur 440012		
2.	Nagpur	SC Code : 44159 Sevasadan Highschool & Jr. College Nagpur, South Ambajhari Road, Sitaburdi, Nagpur Dist - Nagpur -440012	Smt.Hemlata Akarte Mobile No.: 9595340434 Email: lapaakarte@gmail.com	BCA
3.	Nagpur	SC Code : 44140 Bhalerao Science College, Saoner	Dr. Shalini M. Sakharkar Mobile No.: 9422307110 Email:	BCA

		Saoner, Tal. Saoner, Dist. Nagpur 441107	drshalinifulmali958@gmail.com	
4.	Chandrapur	SC Code : 4201A Sardar Patel Mahavidyalaya Chandrapur Gani Ward, Chandrapur, Dist Chandrapur 442 401	Dr. Rajesh P. Ingole Mobile No.: 9422137556 Email : rajeshingole@gmail.com	BCA
5.	Chandrapur	SC Code : 42113 Late Sitabai Shende Mahila Mahavidyalaya Sindewahi ,Near Railway Station, Sindewahi, Tal. Sindewahi, Dist. Chandrapur 441222	Dr. Monali M. Pohane Mobile No.: 9421955715 Email: sgmcet@gmail.com	MCA BCA
6.	Nagpur	SC Code : 4332A Shri Kisanrao Khobragade Mahavidyalaya Vairagad At Post. Vairagad, Tal. Armori, Dist. Gadchiroli 441217	Dr. Sachin B. Khobragade Mobile No.: 7066332228 Email: skkca030@gmail.com	MCA BCA
7.	Nagpur	SC Code - 44182 Mahila Mahavidyalay , 152, Ganeshnagar Nandanvan, Nagpur 440009	Dr. Anil Dodewar 0712-2707163, 7588776907, 9049800714	MCA BCA
8.	Nagpur	SC Code - 44315 Mindspace Institute of Technology, 10 No Pulia Laksharibagh, Nagpur 440017	Prof. Mohammad Yusuf Zahiruddin 0712-2644991, 9325377965	MCA BCA

## Nashik Region

Sr.	District	Study Centre	Coordinator	Programmes
No.				Approved
1.	Nashik	SC Code: 51155	Prof. Pawar Yogesh	MCA
		Sanjivani K.B.P.	02423 - 222862	BCA
		Polytechnic, At.	9850909004	
		Sahajanandnagar, Post		
		Shingnapur Kopargaon Dist.		
		Ahmednagar		
2.	Nashik	SC Code : 54436	Mr. Shaikh Asarar	MCA
		Jumma Masjid Charitable	shabbir	BCA
		Trust, Naikwadipura,	0253-2237492	
		Nashik 422 001		
3.	Nashik	SC Code: 54428	Dr. S.S. Zade	BCA
		CHME Society's Dr. Moonje	2532309617	
		Institute of Management &	9422582897	
		Computer Studies,		
		Bhonsala Military College		
		Campus, Gangapur Road,		
		Rambhoomi, Nashik		
4.	Nashik	SC Code: 5484A	Sanjay Mohandas	BCA

		Modiyani 'S Computer Service & Training Center 03, Bombay House, Nr Bank of Maharashtra ,Upnagar,	Modiyani 0253- 2415081/ 2418518 9226807642	
5.	Nashik	Nashik SC Code: 5647A	Asmita R Ghodsara	BCA
		Perfect Computer Education 2nd floor, Vani Gram Panchayat, Vani, Tal Dindori 422215	02557 - 220013/ 220014 9423969193	
6.	Jalgaon	SC Code: 53113 Dhanaji Nana Mahavidyalaya Neharu Vidhay Nagar, Savada Road, Faizpur	Harshal Liladhar Chaudhari 02585-246436 9579284504	MCA BCA
7.	Jalgaon	SC Code: 53216 Iqra's H. J. Thim College of Arts & Science Haji Gulam Nabi Nagar, Mehrun, Jalgaon	Mr. Farhan Anjum Shaikh 0257-2212735, 2211725 9021839423	BCA
8.	Dhule	SC Code: 5202A <b>Zulal Bhilajirao Patil</b> <b>College</b> , Deopur Dhule - 424 002	Mr. Girish B.Desle 02562-222343 9423193364	MCA BCA
9.	Dhule	SC Code: 5299A Sharada S. & S. Sanstha's Vidyadhan College Near Stadium Gondur Airport Road, Valwadi, Dhule	Mrs. Rachita Ramkrishna Patil 02562-270010 9421283871	MCA BCA
10.	Dhule	SC Code: 5281A <b>Systel Institute of</b> <b>Management &amp; Research</b> , Kshire Colony, Wadibhokar Road, Deopur, Dhule	Prof. Hansraj Madhukar Patil 02562-272285 9422792685	MCA BCA
11.	Nandurbar	SC Code: 5531A Mega Infotech 19A, Nitin Nagar, Near Patel Residency Hotel, City/Town: Shahada, Tehsil: Shahada, District: Nandurbar 425409	Mr. Patil Pankaj Dilip 02565-226073 9420968094	BCA
12.	Jalgaon	SC Code – 5305A Nutan Maratha College, Jalgaon, Court Square, Jalgaon 425001	0257-2234094 9028334617 Dr. Pritesh G. Shah	MCA,BCA
13	Jalgaon	SC Code – 53231 Shri Nath Nange Baba Multi Purpose Mandal's Annasaheb Dr. Satish Bhaskarrao Patil Polytechnic, Waghare Tal. Pachora Dist. Jalgaon 425111	9767351609 Mr. Sandip P.Patil	MCA,BCA
14	Nashik	SC Code 52164 Nikam Institute of Technology (polytechnic) At. Post Gondur, Dhule 424002	02562297309 8390966819	MCA,BCA

# **Pune Region**

Sr. No.	District	Study Centre	Coordinator	Programmes Approved
1.	Pune	SC Code: 62501	Prof.	MCA
		Suman Ramesh Tulsiani	Dynaneshwar	BCA
		<b>Technical Campus – Faculty of</b>	Kudande	
		Engineering, Khamshet, Taluka:	02114-264163	
		Maval, District: Pune	9665388364	
2.	Pune	SC Code: 62515	Mrs. Jayashree	BCA
-		MES's Institute of Management	Patil	
		and Career Courses (IMCC)	020-25466271 /	
		131, Mayur Colony, Kothrud,	25463453	
		Pune 411 038	9890971380	
3.	Pune	SC Code: 62333	Ms. Indrani	BCA
5.	i une	Maharashtra Vidyarthi	Ranade	Don
		Sahayyak Mandal, 484, Sadashiv	020-24465774	
		Peth, Tilak Road, Pune	9881365622	
4.	Pune	SC Code: 6363A	Khole Kalyani	BCA
т.	1 une	Microcomm Infotech, 1, Pushpa	Chandrashekhar	Den
		Apartment, Vanaz Corner, Paud	9371578976,	
		Road, Kothrud, Pune 411038	9423588530	
5.	Pune	SC Code: 6366A	Vaishali	BCA
5.	1 une	Global Information and	Chilwar	DCA
		<b>Technologies</b> , Avadhpuri, First	020-25460354/	
		Floor, Opp.Sumitra Hotel Karve	25421876	
		Road, Kothrud, Pune	9226797537	
6.	Pune	SC Code: 6255A	Mr. Shankar	BCA
0.	Fulle		Baburao Devare	DCA
		Super Computer Institute		
		Janai Heights, PMT Chouk,	020-27126524	
		Pune Nashik Road, Bhosari Pune 411039	9890150175	
-	Deres		M. M. Hardson	DCA
7.	Pune	SC Code: 6364A	Mr.Venkatesh	BCA
		Deepak Computer &	lyengar	
		Management Institute	020-27019075	
0	<b>a</b> .	S.No. 47/3/1, Chandan nagar,Pune	7620979056	DCL
8.	Satara	SC Code: 6466A	Mr. Abhijit	BCA
		Shikshan Mandal Karad's	Ashokrao Patil	
		Mahila Mahavidyalaya	02164-228487	
		Final Plot No. 222, Mangalwar	9730821404	
		Peth, Karad, Tal. Karad, District:		
		Satara 415110		
9.	Satara	SC Code: 6411A	Jyoti Herkal	BCA
		Surabhi Computers	02167-220090 /	
		664/A, Kisan Veer Chowk,	220050	
		Dharmpuri, Wai, Dist. Satara	9422400390	
10.	Satara	SC Code: 6483A		BCA
		OIIT Collge Of BCA &	02165-221041	
		Compluter Science	9922712072	
		Tupewadi Road, Behind Reliance		
		Petrol Pump, Dahiwadi, Tal Man		
		Dist. Satara 412508		
11.	Satara	SC Code: 6485A	Dhanshree	BCA
		Darpan College of I.T., Opp	basaveshwar	
		D.P. Bhosale College, Koregaon,	Jagan 02136-221939	
			1 117136 771030	1

12.	Solapur	SC Code: 65152	Sanjay Subhash	MCA
	1	Shri Shiv-Parvati Sarvajanik	Salunkhe	BCA
		Vikas Trust's Greenfingers	02185-223225	
		College of Computer and		
		Technology, Yashwantnagar,		
		At.Post Akluj, Tal. Malshiras Dist		
		Solapur		
13.	Pune	SC Code – 6319A	02111 - 223102	MCA
		Indapur Taluka Shikshan Prasarak	Mr. Nishant	BCA
		Mandal's Arts Science and	Hanumant	
		Commerce College, Indapur Dist.	Pawar	
		– Pune 413106	7709794898	
14.	Pune	SC Code - 62542	9075044780	MCA
		Dattakala Group of Institutions	Mr. Popat	BCA
		faculty of Engineering	Harshing	
		At Gat No. 541/2, off Pune-	Nagare	
		Solapur Highway, Swami-chincoli	_	
		(Bhigwan) Tal Daund, Dist. –		
		Pune 413130		
15.	Pune	SC Code - 62516	020-24449797	MCA
		H.V. Desai Arts, Science &	9422002143	BCA
		Commerce College, Pune 411002	Mr. Nirav P.	
			Suratwala	
16.	Solapur	SC Code – 65152	02185-223225	MCA
		Greenfingers College of Computer	9421954141	BCA
		and Technology	Mr. Salunkhe	
		At. Shivratna Knowledge City,	Sanjay Subhash	
		Shankarnagar, Post		
		Yeshwantnagar, Tal Akluj Dist.		
		Solapur		
17.	Pune	SC Code - 62468	020- 24455484	MCA
		Huzurpaga Mahila Vanijya	9552514982	BCA
		Mahavidyalaya	Mr. JADHAV	
		Laxmi Road, Pune 411 030	PRAVIN	
18.	Pune	SC Code - 62550	9028393931	MCA
		Prerana Pratishthan's Universal	Prof. Renuka	BCA
		College of Engineering and	Vinayak	
		Research, Sasewadi, Tal. Bhor,	Deshpande	
1		Dist. Pune, Pincode: 412 205	1	

# Kolhapur Region

Sr.	District	Study Centre	Coordinator	Programmes
No.				Approved
1.	Kolhapur	SC Code: 71122	Head – Prof	MCA
		Vivekanand College, Kolhapur	Vijay Bapuso	BCA
		C.S.No. 2130 'E' Ward, Tarabai	Pujari	
		Park, Kolhapur 416 003	8421582547\	
2.	Sangli	SC Code: 72111	Prof. Kishor	BCA
		Smt. Kasturbai Walchand	Kumbhar	
		College, Rajnemi Campus, Timber	0233-2327128/	
		Area, Wood House Road, Sangli	9403043840	
3.	Sindhudurg	SC Code: 7482A	Miss Vibha	MCA
		Women's College of Computer	Vilas Gawande	BCA
		Studies & Research, Near	02363-271120	
		Ragunath market, Ubha Bazar,	9405497818	
		Sawantwadi 416510		
4.	Sindhudurg	SC Code: 7465A	Ms. Hemangi	MCA
		Dnyankunj College of	Ganpat Sawant	BCA

		Information Technology & Management Ravalnath Nagar, Oros,Tal. Kudal, Sindhudurg 416812	8600904188	
5.	Sindhudurg	SC Code: 7477A Chikitsak Samuha, Kudal Chikitsak Samuha's College 1 <sup>st</sup> floor, Parshuratna Co.Op. Hsg. Soc. Ltd. Opp. Rawool Maharaj College, Kudal Singhudurg 416520	Dr. Mala P. Kharkar 02362- 221682 9869487770	BCA

## Nanded Region

Sr. No.	District	Study Centre	Coordinator	Programmes Approved
	Nanded	SC Code 84137	02382-2204838	MCA
		Shri. Swami Samarth Computer	9850138685	BCA
		Science College, Nideban Road,		
		Near Tulshi Dham Tal Udgir, Dist		
		Latur 413517		

# List of Study Centres for Industrial Science Programmes

1 3 1 1 1					
Sr.	District	Study Centre	Coordinator	Programmes	
No.				Approved	
1.	Amravati	SC Code: 12163	Dr. Anand	B.Sc (Industrial	
		Brijlal Biyani Science College,	Domaji Rangari	Science)	
		Biyani Educational Campus	0721-2677011	Diploma in Industrial	
		Dasera Maidan Road, Amravati	9423649958	Science	

## Amravati Region

## Mumbai Region

Sr.	District	Study Centre	Coordinator	Programmes	
No.				Approved	
1.	Mumbai	SC Code: 31342	Mr. Subhajit	B.Sc (Industrial	
		Thakur Institute of Aviation	Maity 022-	Science)	
		Technology, On 90 Feet Road,	28542481	Diploma in Industrial	
		Thakur Complex, Kandivali(E)	9869561408	Science	
		Dist Mumbai 400101			

#### **Nagpur Region**

Sr.	District	Study Centre	Coordinator	Programmes
No.				Approved
1.	Nagpur	SC Code: 44107	Mayuresh	B.Sc (Industrial
		Institute of Technology &	Gokhale 0712-	Science)
		Engineering, Premises of	2240070 /	Diploma in Industrial
		Dharampeth, M.P. Deo Memorial	2241490	Science
		Science College, Ambazari,	9423100151	
		Nagpur		
2.	Wardha	SC Code: 4577A	Mr. Rahul D.	B.Sc (Industrial
		Dr. Ambedkar College of Social	Lambe	Science)
		Work, Mahatma Fule Colony,	07152-242904	
		Sawangi (Meghe) Road, Wardha	9503177312	

## Nashik Region

Sr.	District	Study Centre	Coordinator	Programmes
No.		-		Approved
1.	Ahmednagar	SC Code: 51142	Prof. V.S.	B.Sc (Industrial
		Padmashri Vikhe Patil College	Tamboli	Science)
		of arts, Science & Commerce,	02422-273484	Diploma in Industrial
		Pravaranagar,	9049084786	Science
			9860387900	
2.	Ahmednagar	SC Code: 51155	Prof. Pawar	B.Sc (Industrial
		Sanjivani K.B.P.Polytechnic,	Yogesh	Science)
		Kopargaon	02423 - 222862	Diploma in Industrial
			9850909004	Science
3.	Ahmednagar	SC Code: 5139A	Prof.Kulkarni	B.Sc (Industrial
		Amrutvahini Polytechnic,	B.L.	Science)
		Amrutnagar, Sangamner	K.S. Tambe	Diploma in Industrial
			02425 - 259014	Science
			9028060876	
4.	Nashik	SC Code: 54383	0253-6699222	B.Sc (Industrial
		Nashik Engineering Cluster		Science)
		C-10, "Sahashtra Rashmi",		Diploma in Industrial
		M.I.D.C., Ambad, Nashik		Science

5.	Dhule	SC Code: 5299A	Amruta D. Patil	B.Sc (Industrial
		Sharda S. & S. Sanstha's	02562-270071/	Science)
		Vidyadhan College, Gondur	270010	Diploma in Industrial
		Airport Road, Near stadium,	9423659442	Science
		Valwadi, Dhule,		
6.	Nandurbar	SC Code: 5551A	Mr. Swapnil	B.Sc (Industrial
		Soham Institute of Information	Vitthalprasad	Science)
		Technology, Plot No. 19,	Mishra	Diploma in Industrial
		Lokmanya Housing Society,	02564-223053	Science
		Behind Post Office, Nandurbar	9422288120	
		425412		

## **Pune Region**

Sr.	District	Study Centre	Coordinator	Programmes	
No.				Approved	
1.	Pune	SC Code: 62386		B.Sc (Industrial	
		M.P.T.A. Education Ltd,	Shailesh A.	Science)	
		2 <sup>nd</sup> floor, Kunal Plaza	Joshi	Diploma in Industrial	
		Near Chinchawad Railway	7387086676	Science	
		Station, Chinchwad, Pune 411019			

## Appendix A



#### Yashwantrao Chavan Maharashtra Open University, Nashik

#### **Exemption Form for First Year BCA Programme**

Batch: July 2020

Name of the learner:

University /Board:

Sr.	Programme Name	University/Board	Year of	Percentage of
No.			passing	Marks
1)	H.S.C. with			
	mathematics			
	First year of Computer			
	Degree Programme			
	from other recognized			
	university			
		OR		
2)	3 years diploma in			
	computer or			
	information technology			
	from State Technical			
	board			

I am eligible for Direct Second Year Admission and hence I am applying for the same.

Date: \_\_\_\_\_

Signature of the Learner: \_\_\_\_\_

I have verified the eligibility documents for Direct Second Year Admission of the above learner and found him/her eligible for the same.

Study Centre Code: \_\_\_\_\_

Study Centre Name:\_\_\_\_\_

Date: \_\_\_\_\_ Signature of the Study Centre Coordinator: \_\_\_\_\_

Stamp and Seal of the Study Centre

## Appendix B

## **Study Material**

# **Bachelor of Computer Applications (BCA) and B.Sc(Industrial Science)**

From the Academic Year 2020-21 university has decided to provide soft copy to the students in the form of PDF File. No Print material will be provided to the student. All Co-ordinator's of Study Centre are requested to guide the student to download electronics study material from the university portal.

## A. Diploma in Industrial Science

Course Code	Course Name	YCMOU Book (Print/PDF)/ Book from Market			
	First Year				
GEN204	Communication Skills	YCMOU book (Print)			
DIS101	Health Safety & Environment	YCMOU book (Print)			
DIS102	Basic IT Skills	YCMOU book (Print)			
DIS103	Workshop Technology & Documentation	YCMOU book (PDF)			
DIS201	Business Statistics	YCMOU book (Print)			
DIS202	Electronic Devices	YCMOU book (PDF)			
DIS203	Advance IT Skills	YCMOU book (Print)			
DIS204	Introduction to Mechanical Instruments	YCMOU book (Print)			
	Second Year				
DIS301	Business Communication	YCMOU book (Print)			
DIS302	Organizational Behavior	YCMOU book (Print)			
DIS313	Analog Electronics	Book From Market			
DIS314	Electronic Communication	Book From Market			
DIS401	Quality Control	YCMOU book (Print)			
DIS402	Inventory Management	YCMOU book (Print)			
DIS413	Digital Electronics	Book From Market			
BIS403	Quality Management Systems	Book From Market			

### **Details of Reference Books from Market**

Sr. No.	Course code and Name	Reference Books
1	Analog Electronics (DIS313)	<ol> <li>Communication System Analog &amp; Digital by R. P. Singh &amp; S. D. Sapre.,TMH, 3rd Edition</li> <li>Analog and Digital Communication Systems by Martin S. Roden., PHI , 3rd Edition</li> <li>Communication Systems (Analog and Digital) by Sanjay Sharma – Katsons</li> <li>Digital &amp; Analog Communication systems by K. Sam Shanmugan, Wiley Publications</li> <li>Taub's Principles of Communication System by Herbert Taub, Donald Schling, Goutam Saha, Mc Graw Hill Education (India) Pvt. Ltd., 4th Edition</li> <li>Introduction to Analog &amp; Digital Communication- Haykin, Moher, Wiley Publication.</li> </ol>
2	Electronic Communication (DIS314)	<ol> <li>Electronic Communication, Kennedy, Davis TATA McGraw Hill. 5th Edition</li> <li>Electronic Communication System, Dennis Roddy, John Coolen, Pearson Education 4th Edition</li> <li>Electronic Communication Systems, Blake, CENGAGE Learning, 2nd Edition</li> <li>Communication Electronics, Principles and application, Frenzel, TATA McGRAW-HILL, 3 rd edition.</li> </ol>
3	Digital Electronics (DIS413)	1. Digital Electronics – Dr. R. S. Sedha – S. Chand Publications.(3rd Revised Edition)

2. Digital Electronics - Gothman - (PHI)
3. Digital Principles – Leach, Malvino, TMH (6th Edition
4. Fundamental of Digital Circuits- Anand Kumar-
Prentice Hall of India Pvt. Ltd
5. Digital System, Principles and Applications, Ronald J.
Tocci,PHI
6. R.P. Jain, "Modern digital electronics", 3rd edition,
12th reprint TMH Publication, 2007

#### UNIVERSITY GRANTS COMMISSION

#### **Distance Education Bureau**

#### F.No. 1-18/2018 (DEB-I) Dated: 08-05-2019 NAME/CATEG ORY OF HEI YASHWANTRAO CHAVAN MAHARASHTRA OPEN UNIVERSITY NUMBER OF RECOGNISED PROGRAMMES : 30 NAME/CATEG PERIOD OF LIST OF PROGRAMMES RECOGNISED FOR 2018-19, ACADEMIC S.NO STATE ORY OF HEI RECOGNITION SESSION BEGINNING JULY, 2018 AND ONWARDS NAME OF RECOGNISED PROGRAMMES YASHWANTRAO BACHELOR OF SCIENCE (AGRICULTURE) MAHARASHTRA CHAVAN 2018-19 2)BACHELOR OF ARTS (MASS COMMUNICATION AND JOURNALISM) 1 MAHARASHTR то 3) BACHELOR OF LIBRARY AND INFORMATION SCIENCE A OPEN 2022-23 4) BACHELOR OF SCIENCE (MEDIA GRAPHICS AND ANIMATION) BACHELOR OF COMMERCE 6) BACHELOR OF BUSINESS ADMINISTRATION AVIATION, HOSPITALITY AND TRAVEL AND TOURISM MANAGEMENT 7) BACHELOR OF EDUCATION 8) BACHELOR OF EDUCATION (SPECIAL EDUCATION) 9) BACHELOR OF SCIENCE (PHYSICS, CHEMISTRY, MATHS)\* 10) BACHELOR OF COMMERCE (COOPERATIVE MANAGEMENT) 11) BACHELOR OF ARTS 12) BACHELOR OF SCIENCE (COMPUTER SCIENCE APPLICATION) 13) BACHELOR OF SCIENCE (HORTICULTURE) 14)BACHELOR OF SCIENCE (INDUSTRIAL DRUG SCIENCE) 15)BACHELOR OF SCIENCE (INDUSTRIAL SCIENCE) – UNDER REVIEW 16)BACHELOR OF SCIENCE (AUTOMOTIVE TECHNIQUES) - UNDER REVIEW 17)BACHELOR OF SCIENCE (CONSTRUCTION PRACTICES) - UNDER REVIEW 18)BACHELOR OF SCIENCE (ELECTRICAL AND ELECTRONICS TECHNIQUES) - UNDER REVIEW 19)BACHELOR OF SCIENCE (FACILITY SERVICES) – UNDER REVIEW 20)BACHELOR OF COMPUTER APPLICATIONS 21)MASTER OF SCIENCE (AGRICULTURAL EXTENSION) 22)MASTER OF ARTS (EDUCATION) 23)MASTER OF ARTS (DISTANCE EDUCATION) 24)MASTER OF COMMERCE (COMMUNICATION) 25)MASTER OF COMMERCE 26)MASTER OF LIBRARY INFORMATION SCIENCE 27)MASTER OF ARTS (ENGLISH) 28)MASTER OF SCIENCE (ENVIRONMENTAL SCIENCE) 29)MASTER OF COMPUTER APPLICATION **30)MASTER OF BUSINESS ADMINISTRATION** \* In place of BACHELOR OF SCIENCE (PHYSICS), BACHELOR OF SCIENCE (CHEMISTRY), BACHELOR OF SCIENCE (MATHS) as mentioned previously; this is as per approval of Competent Authority.

"We are reaching the stage where problems that we must solve are going to become insoluble without computers. I do not fear computers; I fear the lack of them"

Isaac Asimov

*Recipient of the International Award for Institutional Excellence in Distance Education from Commonwealth of Learning, Canada* 

#### Yashwantrao Chavan Maharashtra Open University

[Established by Government of Maharashtra] Dnyangangotri, Near Gangapur Dam, Nashik - 422 222 Telephone: [0253] 2231714, 2231715, and 2230717 E-Mail: scmcs@ycmou.digitaluniversity.ac Website: http://ycmou.digitaluniversity.ac