यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक
नॅक मानांकित 'अ' श्रेणी

Yashwantrao Chavan Maharashtra Open University, Nashik
NAAC Accredited 'A' Grade

School of Computer Science

BCA Prospectus

Academic Session January 2025

School of Computer Science
Dnyangangotri,Govardhan,NearGangapurDam,
Nashik–422222
(0253)2230459,2230717

WebSite/WebPortal

http://www.ycmou.ac.in

http://ycmou.digitaluniversity.ac

Email:

scmcs@ycmou.digitaluniversity.ac

विद्यापीठ गीत



एक प्रतिज्ञा असे आमुची ज्ञानाची साधना ।
चिरंतन ज्ञानाची साधना ।
ज्ञान हेच संजीवन साऱ्या जगताच्या जीवना ।। धृ ।।

ज्योत जागवू सुजाणतेची सकलांच्या अंतरी ।
तीच निवारील पटल तमाचे प्रभात सूर्यापरी ।
ज्ञानच देउळ, ज्ञानच दैवत, प्रगतीच्या पूजना ।। १ ।।

नव्या युगाचा नव्या जगाचा ज्ञान धर्म आहे ।
त्यातच अमुच्या उजळ उद्याचे आश्वासन राहे ।
मुक्त करिल तो परंपरेच्या बंदिघरातुन मना ।। २ ।।

हाच मंत्र नेईल आम्हाला दिव्य भविष्याकडे ।
न्यायनीतीचे पाऊल जेथे भेदाशी ना अडे ।
जे जे मंगल पावन त्याची जेथे आराधना ।। ३ ।।

कुसुमाग्रज

School of Computer Science

Shri. Madhav Palshikar,Director (I/C)
Dr. Prakash Khanale, Academic Coordinator
Mr. Milind Deshpande,Academic Coordinator
Mrs. Ujwala Mahajan, Academic Coordinator
Dr. Yogesh Waghadkar, Academic Coordinator
Mrs. Rameshwari Pawar, Academic Coordinator

Student Services Division

Dr. Prakash Deshmukh, Director
Mrs. ShubhangiN. Patil, Assistant Professor

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Academic Calendar

Sr. No.	Name of the Activity	Tentative schedule			
		Odd Semester		Even Semester	
		From	To	From	To
1	Admission	01/01/2025	31/01/2025	---	---
2	Online availability of SLM	February	February	February	February
3	Contact Programmes	February	May	August	December
4	Assignment Submission	April	April	November	November
5	Evaluation of Assignments	May	May	December	December
6	Examination (Practical and Project)	May	May	January	January
7	Examination (Theory)	May/June	May/June	January	January
8	Declaration of Result	July	July	February	February

Note: For the latest updates/decisions regarding registration, examination and other related topics including schedule of the Internal assessment, learners should visit the university website and Learner Support Center (LSC) regularly (at least once in a week).

1. About the School of Computer Science

The School of Computer Science is one of the school of studies in 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 Learner Support Centres.

2. 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.

These programmes 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.

3. Learner Support Centre

The Learner Support Centre (LSC) is authorized to conduct computer programmes offered by the University. Specific programmes are assigned to that Learner Support Centre depending on the infrastructure available.

The Coordinator of the Learner Support Centre shall look after all the activities of the LSC. The Learner Support Centre performs the following important functions:

- Conduct the Courses as prescribed by the University.
- Forward necessary information to the University as and when required.
- Organize counseling sessions, practical sessions as per the planned time table prepared by

the LSC and submitted to YCMOU at the beginning of the academic year.

- Preserve all necessary records related to LSC activities.
- 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 LSC. The Coordinator/ Counselor/ Supervisor of the LSC will supervise the practical activities.

4. Programmes offered by the School of Computer Science

Programme Code	Name of the programme	Duration	* Valid registration period
P163	Master of Computer Applications (MCA) {2025 Pattern}		
P131	Bachelor of Computer Applications (BCA) {2016 Pattern}	3 years	5 years
D178	Diploma in Computerised Financial Accounting {2024 Pattern}	1 year	2 years
C188	Certificate in Advanced Excel {2024 Pattern}	6 months	1 year
C189	Certificate in Computerised Financial Accounting {2024 Pattern}	6 months	1 year
C190	Certificate in Advanced Computerised Financial Accounting {2024 Pattern}	6 months	1 year
C191	Certificate in Data Analytics {2024 Pattern}	6 months	1 year

Programmes offered by School of Computer Science in Collaboration with Institutes:

Programme Code	Name of the programme	Duration	Collaboration with
D212	Diploma in IT & ITeS {2024 Pattern}	3 Years	Yashswi Skills Limited, Pune
D211	Advanced Diploma in IT & ITes {2024 Pattern}	2 Years	
D216	Diploma in Data Science with AI and ML {2025 Pattern}	1 year	Sanjivani College of Engineering. Kopergaon
C227	Certificate in Data Science with Machine Learning {2025 Pattern}	9 Months	
C228	Certificate in Artificial Intelligence {2025 Pattern}	3 Months	
D217	Diploma in Cyber Crime Investigation {2025 Pattern}	1 Year	Cyecops LLP, Pune
C229	Certificate in Cyber Acts. {2025 Pattern}	3 Months	
C230	Certificate in CDR Analysis {2025 Pattern}	5 Days	
C231	Certificate in Mobile and Cyber Forensics {2025 Pattern}	5 Days	
C226	Certificate in Data Analytics with Internship {2025 Pattern}	6 Months	Maharshi Karve Stree Shikshan Samstha (MKSSS) AIT, Pune

*** Re-registration:** A learner who fails to complete the programme within the valid registration

period will have to re-register for the programme if the programme is on offer at that time.

5. Eligibility and Documents to be uploaded while applying

(I) Eligibility

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

SN	Year	Qualification
1	FY BCA	1. Qualifying marks in Common Entrance Test conducted by the university **AND** 2. 12th standard of HSC Board of Maharashtra, or equivalent [including MCVC] **OR** 2. 3-year Diploma of Board of Technical Examination or equivalent **OR** 2. 2-year ITI Programme of any trade after 10th] standard **OR** 2. 2-year course of Maharashtra State Board of Vocational education after 10th
	SYBCA	FYBCA(P131) registered
	TYBCA	SYBCA(P131) registered

(II) Documents to be uploaded while applying

SN	Year	Documents to be uploaded
1	FY BCA	1) Result of Common Entrance test conducted by the university. 2) Age Proof (Birth Certificate, driving license, Aadhar Card, PAN Card, Leaving Certificate) 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** 3) Statement of Marks of Std 10thANDStatement of marks of all 2 years of Maharashtra State Board of Vocational Education course
2	SY BCA	FY BCA Marksheet or FY BCA Hall Ticket
3	TY BCA	SY BCA Marksheet or SY BCA Hall Ticket

For Change in Learner Support Centre

No objection Certificate from the earlier(old) LSC in the format (given in **Appendix C**)

6. Language of Instruction

The medium of instruction of all the programmes is English Language only. Self-Learning Material (SLM) of all Courses is available in English (in PDF). However, the Coordinator, Counsellor or Supervisor may use English /Marathi /Any other language to help the learners understand the subject well.The medium ofexamination will be English.

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 Centres.

8. Programme Structure

B.C.A. (Bachelor of Computer Applications) (2016 pattern)[P131]

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
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
CMP701	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**
Semester 2						
ENV121	Environmental Studies	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP504	Statistics	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP505	Data Structure using C++	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP506	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**
Semester 3						
ICT152	Python Programming	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP507	Operating System	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP508	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
ICT153	Lab: Python Programming	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**
Semester 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	JAVA	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**

Semester 5						
CMP332	Quantitative Aptitude	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP513	E Commerce Technologies	Theory	60	4	CA(20) + EE(32/80)	40/100
CMP514	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**

9. Fees

Common Entrance Test Fees: Rs.500/- per attempt. Maximum three attempts are allowed.

Programme Fees:

The Total Programme Fee consists of four independent parts:

- **Mandatory Fees:** Mandatory fees includes 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.

Sr. No.	Name of the programme	Year	Mandatory Fee	University Share	LSC Share	Exam Fee	Total Programme Fee
1	Bachelor of Computer Applications (BCA)[P131]	FY	618	7202	12000	2920	**22740**
		SY	508	9202	13000	2920	25630
		TY	968	6202	10000	2830	**20000**

The Learner will be required to pay total Programme fees while taking online admission. No installments in the fees will be given.

Mandatory Fee Breakup

Sr.No.	Nature of Fees	FY	SY	Direct SY	TY
1	Registration	200	200	200	200
2	Eligibility	100	0	100	0
3	Identity Card	10	0	10	0
4	Prospectus	50	50	50	50
5	e-Suvidha/e-Services	60	60	60	60
6	Library	10	10	10	10
7	Chancellor's Office Events	38	38	38	38
8	Sports	50	50	50	50
9	DSW	50	50	50	50
10	Disaster Management	10	10	10	10
11	NSS	10	10	10	10
12	Alumni	0	0	0	10
13	Sanwad	10	10	10	10
14	Graduation/Convocation	0	0	0	450
15	Learner Insurance	20	20	20	20
	Total	618	508	618	968

Important Note: As Per the Policy Decision of Yashwantrao Chavan Maharashtra Open University (YCMOU),in line with the university's commitment to ensuring inclusive education, Transgender persons ,children's of farmers who have committed suicide and visually impaired students will get admission with a nominal fee of ₹ 10/- (₹ Ten) only.

10. Registration of Learners

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

Admission Process: For admission process, please visit the university portal (http://ycmou.digitaluniversity.ac) / Learner Support Centre of your choice.

11. Common Entrance Test

The candidates seeking admission to the Bachelor of Computer Applications (BCA) programme of this University (either in first year or directly in second year) will have to appear for the Common Entrance Test conducted by the university and get the qualifying marks in it.

The Common Entrance Test will be conducted online and will have the duration of 50 minutes. The test consists of 50 multiple choice questions, carrying maximum of 100 marks (each question 2 Marks). Candidate must obtain a minimum of 40 marks for becoming qualified for BCA admission. The candidate will have choice to take Mock test before appearing for CET.

Schedule of Common Entrance Test: Schedule will be declared by separate notification by the University. Students are requested to see YCMOU website for the same.

Nature and Composition of CET:

- All the questions are 'multiple choice' type, having four options.
- The candidate has to 'select' most correct option as the correct answer.
- No negative marking for wrong answer.
- The test consists of the following sections.

Sr. No.	Section	Details	No. of Questions and Marks
1	Basic knowledge of Computer/IT	Input output devices, Components of a Computer System, Basic of Operating System, Software Applications, Internet basics,HTML,Social media,Networking fundamentals (LAN, WAN, Wi-Fi), Email, Web browsers, Office applications	20 Questions 40 Marks
2	Numerical Ability	Computational, Linear equation, Polynomials, Metrics, Determinants, Set Theory, Ratios and Proportion, Profit and Loss, Simple and Compound interest	10Questions 20 Marks
3	Logical Reasoning	Patterns, sequences, Blood Relation, Mirror image, Logical deduction.	10Questions 20 Marks
4	General Aptitude and English Communication	Language skills (Vocabulary, Grammar, Reading comprehension), Current Affairs, General knowledge, Mental ability	10Questions 20 Marks

To prepare effectively for the CET, you can refer to various books and online resources. List of some reference books and digital resources are given below:

Reference Books:

- Computer Fundamentals" by P.K. Sinha
- Quantitative Aptitude for Competitive Examinations" by R.S. Aggarwal
- A Modern Approach to Verbal & Non-Verbal Reasoning" by R.S. Aggarwal
- Objective General English" by S.P. Bakshi
- High School English Grammar - Wren and Martin for Grammar
- Class XI & XII Mathematics by R.D. Sharma, etc.

Websites:

- ww.indiabix.com
- www.geeksforgeeks.org
- www.tutorialspoint.com
- www.sanfoundry.com

Sample Questions:

Q 1. Which of the following is an input device?
(A) Monitor (B) Printer (C) Keyboard (D) Speaker

Q 2.Which software would you use to create a document?
(A) MS Word (B) MS Excel (C) MS PowerPoint (D) MS Access

Q 3.CPU stands for --------
(A) Central Process Unit (B) Central Processing Unit
(C) Control Processing Unit (D) Central Power Unit

Q4.Which is the number, which whensquaredandaddedto12becomes 7 times its value?
(A) 2 (B) 3 (C) 5 (D) 6

Q 5. Rama and Krishna hire a pasture for Rs.260. Rama puts 20 cows for 3 monthsand Krishna puts 35 cows for 2 months. The amount to be paid by Rama will be -
(A) Rs.100 (B)Rs.115 (C) Rs.120 (D) Rs.140

Q 6. Find the next number in the sequence: 2, 6, 12, 20, ___
(A) 28 (B) 30 (C) 32 (D) 34

Q 7. Eight friends Ajay, Vikas, Ronak, Amit, Gaurav, Nikhil, Neeraj and Sagar are sitting in a circular table for having their dinner.Amit is sitting between Ajay and Gaurav.Aurav is sitting second to the right of Nikhil.Vikas is sitting between Ronak and Neeraj.4) Nikhil is sitting between Neeraj and Sagar.Who is sitting between Ronak and Amit?

(A)Ajay (B) Vikas (C) Neeraj (D) Sagar

Q 8. In a certain code, 'BEAT' is written as 'YVZG'. How is 'MILD' written in that code?
(A) NROF (B) ORNF (C) NRMF (D) ONRF
Q 9.Choose the word which is most nearly the same in meaning to "ADHERE":
(A) Separate (B) Stick (C) Ignore (D) Quit
Q 10. Who is known as the 'Father of the Indian Constitution'?
(A) Mahatma Gandhi (B) Jawaharlal Nehru
(C) Dr. B.R. Ambedkar (D) SardarVallabhbhai Patel

12. Changing the Learner Support Centre

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

Learner who wants to change the LSC is required to take the No Objection Certificate (format given in Appendix C) and upload it at the time of admission. **Only those learners having No Objection Certificate will be allowed to change the LSC.**

13. Re-registration

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

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

The entire re-registration process will be conducted **Off-line** and the learner will have to come in person at School of Computer Science, complete the process of re-registration and transfer the necessary fees on-line.

Programme	**Mandatory fees**	**University share**	**LSC Share**	**Re-registration validity**
BCA	As specified by the University at the time of re-registration	University Share of Third Year of respective programme	LSC Share of Third Year of respective Programme	2 years

1. Examination fees will be charged separately and is not included in the above fees.
2. The learner will have to complete the courses which are incomplete by filling the repeater examination form and its fees (as declared by examination section).
3. If the syllabus of the course is revised then the learner will have to give exam based on the revised syllabus.
4. If the course is not available at the time of re-registration then the school will assign the alternate course available at that time. It will be learner's responsibility to learn the new course on his own.
5. Learner should proactively visit university portal and be in touch with coordinator of YCMOU MCA study centre (54491). No separate communication will be done with the learner by the university.

14. Teaching Learning Process

There are three types of learners taking admission for the programmes in YCMOU.

1. Working/ In job persons.
2. Fresh learners doing dual degrees.
3. Fresh learners doing only YCMOU degree.

First two types of learners prefer the week-end or evening sessions while the third type of learners expect regular class similar to conventional universities.

Learner Support Centre prepares timetable suitable for the majority of the learners. Timetable is prepared to provide minimum hours of counseling sessions and practical sessions for the learners. Learners are expected to attend at least 75% counseling sessions and complete all necessary practical and prepare Workbook Journal.

Those learners who fail to attend the counseling sessions are provided with the notes, presentations and exercises of the sessions. Learners are expected to go through it, do the self-study and solve and submit the exercises to the Learner Support Centre. The learners who are absent for actual counseling sessions but do self-study and submit the solved exercises in satisfactory manner (exercises are given by the LSC) are considered present for that session.

For practical sessions also, if learner opts for doing the practical at home on his/her computing resources, it is acceptable. But in that case learner is required to visit Learner Support Centre and satisfy the supervisor about the completion of practical work satisfactorily and get the Workbook/ Journal signed by the supervisor.

For each theory course (4 credit points) 30 counseling sessions are scheduled. Each counseling session is of two hours duration. For each practical course (2 credit points) 15 practical sessions are conducted.

With the availability of ICT at LSCs and learners, some Learner Support Centres conduct 70% online counseling sessions to reduce the travel time of the learners. The recording of the online counseling sessions is made available to the learners for future reference.

Sports, Cultural and Research Competitions

The Department of Student Welfare in the university, conducts sports, cultural and research competitions at Regional Level. The selected learners/ team of learners get opportunity to participate at the University level event. The selected learners/ teams represent the university at Inter University Competitions held every year.

15. Evaluation

Examination will be of descriptive type. To successfully complete the academic program, learner shall need to successfully complete all the courses in it.

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

Marks system:

1. For the purpose of evaluation, there are three types of courses, namely,
   a. Theory
   b. Practical
   c. Project
2. For Theory Courses, there will be two components in examination, namely,
   a. Continuous Assessment (CA)
   b. End Examination (EE).
3. The Continuous Assessment (CA) (of 20% marks) for a Theory Course shall consist of activities including assignment, class test and seminars to be set, organized and evaluated by the respective Learner Support Centre. The statement of marks of the continuous assessment shall be displayed on the Notice Board by the LSC.

   The LSC will upload and publish the marks of Continuous Assessment as per the guidelines given by the examination section before the commencement of the End Examination. The hard copy in the format given by the examination section will be preserved at the LSC for three years.
4. The End Examination (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 appear as a repeater for End Examination by paying requisite fee and by following the 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.
6. 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.
7. The learners, for the Practical courses, shall be evaluated with the following criteria.
   - Actual Performance of the examinee: 60%
   - Workbook / Journal: 20%
   - Viva: 20%.
8. Learner must secure 40% or more marks to successfully complete the practical courses.
9. **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 aredenoted by letters O, A+, A, B+, B, C, P and F. The UGC recommends a 10-point grading sem with the following letter grades and points as given below:

Letter Grade and description	Grade Point
O (Outstanding)	10
A+(Excellent)	9
A(Very Good)	8
B+(Good)	7
B(Above Average)	6
C(Average)	5
P (Pass)	4
F(Fail)	0
Ab (Absent)	0

16. Award of Degree

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

17. Contact Points at Learner Support Centre and YCMOU

Type of Difficulties / Problems	**Contact Points**
Difficulties in any course and planning of academic activities at the LSC	The Counselor / Coordinator at Learner Support Centre
Registration Related Matters	**Registration Head,** nondani@ycmou.digitaluniversity.ac Ph: (0253) 2230580, 2231715
Registration, Student Services and LSC Related Matters/Grievances	Director, Student Services Division dir_ssd@ycmou.digitaluniversity.ac Ph: (0253) 2231478
Examination related matters	Deputy Registrar, Examination Unit- 2 examcomp.ycmou@gmail.com Ph: (0253) 2230058/2231479
Examination related grievances	The Controller of Examination coe@ycmou.digitaluniversity.ac Ph: (0253 Ph: (0253) 2230058/ 2231479)
Academic matters/ LSC related problems	School of Computer Science scmcs@ycmou.digitaluniversity.ac Ph: (0253) 2230717
Grievances related to Academic matters /LSC	Director, School of Computer Science dir_comp@ycmou.digitaluniversity.ac

18. Contact Details of the Regional Centres

Sr. No.	Name & Address of Region	District	Regional Director's Email-id Phone
1	**Amravati Region** YCMOU Regional Centre, V.M.V. To Valgoan Road, Post V.M.V., Amravati - 444 604	Akola Amravati Buldhana Yawatmal Washim	rd_amravati@ycmou.digitaluniversity.ac (0721) 2531445
2	**Chhatrapati Sambhajinagar Region** YCMOU Regional Centre, Survey No.41, Near Military Hostel,Nandanwan Colony, Chhavni,ChatrapatiSambhajinagar - 431 002	Chhatrapati Sambhajinagar Beed Jalna Dharashiv	rd_aurangabad@ycmou.digitaluniversity.ac (0240) 2371066, 2371077
3	**Mumbai Region** YCMOU Regional Centre, JagannathShankarsheth M.N.C. Primary Marathi School, Frear bridge(South) Nana Chowk, Grant Road (W) Mumbai 400 007	Mumbai Raigad Thane Palghar	rd_mumbai@ycmou.digitaluniversity.ac (022) 23874186, 23874183, 23874177
4	**Nagpur Region** YCMOU Regional Centre, Subhedar Hall, University Sports Area, Law College Campus, RavinagarChouk, Amravati Road, Nagpur-440001	Bhandara Chandrapur Gadchiroli Nagpur Wardha Gondia	rd_nagpur@ycmou.digitaluniversity.ac (0712) 2553724, 2553725
5	**Nashik Region** YCMOU Regional Centre, Old Municipal Corporation Building, New Pandit Colony, Nashik - 422 002	Ahilyanagar Dhule Jalgaon Nashik Nandurbar	rd_nashik@ycmou.digitaluniversity.ac (0253) 2317063
6	**Pune Region** YCMOU Regional Centre, ShahirAnnabhauSathePrashalaGruha,School No. 5 (Boys), 654, SadashivPeth, Kumthekar Marg, Pune 411 030	Pune Satara Solapur	rd_pune@ycmou.digitaluniversity.ac (020) 24457914
7	**Kolhapur Region** YCMOU Regional Centre, Near Post Office Shivaji University Campus, Kolhapur 416 004	Kolhapur Sangli Ratnagiri Sindhudurg	rd_kolhapur@ycmou.digitaluniversity.ac (0231) 2607022
8	**Nanded Region** YCMOU Regional Centre, SRT Marathwada University Area, Zari Road, Near Military Boy's Hostel, Nanded - 421 606	Latur Nanded Parbhani Hingoli	rd_nanded@ycmou.digitaluniversity.ac (02462) 229940, 283038

Appendix A

Instructions for creating the Academic Bank of Credits–ID (APAAR ID)

As per the National Education Policy 2020, it is mandatory for the learner to create the Academic Bank of Credits-ID. The learner is required to fill up the information regarding his/her Certificates, Diploma and name of the Degree in the DigiLocker (ABC-NAD) or else it won't be possible to transfer the credits he/she will earn through other programmes. He/ She can register his/her Academic Bank of Credits-ID at the portal **https://www.abc.gov.in**or he/she can visit the universities website at www.ycmou.ac.inwherein he/she is supposed to click on the 'Student Zone' tab. Under the student Zone tab, he/she will find the 'Academic Bank of Credits' option. After clicking on the Academic Bank of Credits option, he/she will get information and PPTs of how he/she can create his/her Academic Bank ofCredits-ID.

Appendix B

Yashwantrao Chavan Maharashtra Open University, Nashik

No Objection Certificate from the old LSC
(for the learner willing to change the LSC)

Batch: Academic Session January 2025

The learner Mr/Miss/Mrs ……. having PRN ……. was doing FY/SY BCA at our Learner support Centre (LSC Name and Code : ----------) during academic year ----------. He/ She has fully paid LSC fee share and do not have any liabilities to the LSC.

We have no objection in changing the LSC of Mr/Miss/Mrs ……. for further studies.

Date: Signature of Head/Coordinator

Seal/Stamp of LSC

Appendix C

UGC approval for the University

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110002.

NO. F.5-15/89 (OPP-I) December, 1992

The Secretary
Govt. of Maharashtra
Higher and Technical
Education and Employment Deptt
Mantralaya Annexe
Bombay- 400032

Sub : Recognition of Yashwantrao Chavan Maharashtra Open University, *Nashik for Central assistance under Section 12-B of the UGC Act, 1956.*

Sir,

With reference to the correspondence resting with your letter No. MOU 63003 (241/92) UNI dated 11th November, 1992 on the above subject, I am to say that the University Grants Commission has agreed to declare the Yashwantrao Chavan Maharashtra Open University Nashik established under Maharashtra State Act No. XX of 1989, fit to receive Central assistance for all purposes including Institutional development in terms of the rules framed under Section 12-B of the UGC Act, 1956.

The receipt of the letter may please be acknowledged.

Yours faithfully,

Sd/xxx
(I J GUPTA)
JOINT SECRETARY

Copy to: -

1. The Vice - Chancellor, Yashwantrao Chavan Maharashtra Open University, Nashik-422005.
2. Secretary to the Govt. of India, Ministry of Human Resource Development (Deptt. of Education) New Delhi.
3. The Registrar, Indira Gandhi National Open University, Maidan Garhi, New Delhi- 110068.
4. The Secretary, Association of Indian Universities, 16, Kotla Marg, New Delhi- 110002.
5. *Desk Officer (Meeting) / S.O.FD-III/S.O.SU-II/S.S.O.-I, Stat, U.G.C. New Delhi.*
6. All Officers /Sections, UGC New Delhi.

Sd/-
(D. D. Mehta)
SECTION OFFICER

Appendix D

https://www.ugc.gov.in/pdfnews/5729348_Guidelines-for-pursuing-two-academic-programmes-simultaneously.pdf

ज्ञान-विज्ञान विमुक्तये

प्रो. रजनीश जैन
सचिव
Prof. Rajnish Jain
Secretary

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(शिक्षा मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)
बहादुरशाह जफ़र मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002
Ph.: 011-23236288/23239337
Fax : 011-2323 8858
E-mail : secy.ugc@nic.in

D.O.No.1-6/2007 (CPP-II)(New) **13th April, 2022**

Respected Madam/ Sir,

The National Education Policy - NEP 2020 states that pedagogy must evolve to make education more experiential, holistic, integrated, inquiry-driven, discovery-oriented, learner-centred, discussion-based, flexible, and, of course, enjoyable. The policy envisions imaginative and flexible curricular structures to enable creative combinations of disciplines for study, that would offer multiple entry and exit points, thus, removing currently prevalent rigid boundaries and creating new possibilities for life-long learning and centrally involve critical and interdisciplinary thinking.

With the rapid increase in demand for higher education and limited availability of seats in regular stream, several Higher Education Institutions (HEIs) have started a number of programmes in Open and Distance Learning (ODL) mode to meet the aspirations of students. It has also led to the emergence of online education programmes which a student can pursue within the comforts of her / his home. The issue of allowing the students to pursue two academic programmes simultaneously has been examined by the Commission keeping in view the provisions envisaged in the National Education Policy - NEP 2020 which emphasizes the need to facilitate multiple pathways to learning involving both formal and non-formal education modes.

In view of above, UGC has framed the guidelines for pursuing two academic programmes simultaneously which are attached herewith.

All the universities and their affiliated colleges/institutions are requested to implement these guidelines for the benefit of the students.

With kind regards,

Yours sincerely,

(Rajnish Jain)

To
The Vice-Chancellors of all Universities
The Principals of all Colleges/Institutes

Guidelines for Pursuing Two Academic Programmes Simultaneously



University Grants Commission
Bahadur Shah Zafar Marg
New Delhi

April, 2022

Guidelines for Pursuing Two Academic Programmes Simultaneously

Background

The National Education Policy - NEP 2020 states that pedagogy must evolve to make education more experiential, holistic, integrated, inquiry-driven, discovery-oriented, learner-centred, discussion-based, flexible, and, of course, enjoyable. The policy envisions imaginative and flexible curricular structures to enable creative combinations of disciplines for study, that would offer multiple entry and exit points, thus, removing currently prevalent rigid boundaries and creating new possibilities for life-long learning and centrally involve critical and interdisciplinary thinking.

With the rapid increase in demand for higher education and limited availability of seats in regular stream, several Higher Education Institutions (HEIs) have started a number of programmes in Open and Distance Learning (ODL) mode to meet the aspirations of students. It has also led to the emergence of online education programmes which a student can pursue within the comforts of her / his home. The issue of allowing the students to pursue two academic programmes simultaneously has been examined by the Commission keeping in view the proposals envisaged in the National Education Policy - NEP 2020 which emphasizes the need to facilitate multiple pathways to learning involving both formal and non-formal education modes.

In view of above, UGC has framed the following Guidelines.

Objectives

To allow the students to pursue two academic programmes simultaneously keeping in view the following objectives envisaged in NEP 2020:

- recognizing, identifying, and fostering the unique capabilities of each student, by sensitizing teachers as well as parents to promote each student's holistic development in both academic and non-academic spheres;
- no hard separations between arts and sciences, between curricular and extra-curricular activities, between vocational and academic streams, etc. in order to eliminate harmful hierarchies among, and silos between different areas of learning;

Appendix E

मुक्त विद्यापीठाच्या पदव्यांना समकक्षता व शासन मान्यता

१) अन्य विद्यापीठांच्या पदवीशी समकक्षता

मा. शिक्षण संचालक (उच्च शिक्षण) महाराष्ट्र राज्य यांच्या पत्र क्र. समक (उ. शि.)/१०९४/३२८६१/मवि-१, दि. ३० ऑक्टोबर १९९५ च्या पत्रान्वये 'केंद्रीय किंवा राज्य विधिमंडळाने अधिनियमाद्वारे भारतातील विद्यापीठाने दिलेली पदवी/पदविका आणि संसदेने अधिनियमाद्वारे इतर शैक्षणिक संस्था प्रस्तावित केलेल्या आहेत किंवा विद्यापीठ अनुदान आयोग अधिनियम (१९५६) मधील कलम क्र. ३ अन्वये मानीव विद्यापीठे घोषित केली आहेत अशांच्या बाबतीत पदवी किंवा पदविका मान्यता देण्याबाबतचे औपचारिक आदेश विद्यापीठाने काढण्याची आवश्यकता नाही'.

यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ हे महाराष्ट्र राज्याच्या विधिमंडळाने अधिनियमाद्वारे (कायदा क्र. २०/१९८९) स्थापन केलेले विद्यापीठ असून त्यास विद्यापीठ अनुदान आयोगाचीही मान्यता आहे. **त्यामुळे या विद्यापीठाची पदवी इतर विद्यापीठांच्या पदवीशी समकक्ष आहे.**

२) विद्यापीठ अनुदान आयोगाची मान्यता

विद्यापीठ अनुदान आयोग, नवी दिल्ली यांनी त्यांचे पत्र क्र. F/S-15/89 (CPP-I) दि. ८ डिसेंबर १९९२ नुसार विद्यापीठ अनुदान आयोगाच्या १९५६ च्या कायद्यातील कलम १२-बी अन्वये यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठास मान्यता दिली आहे.

३) महाराष्ट्र लोकसेवा आयोगाची मान्यता

उपसचिव व परीक्षा नियंत्रक, महाराष्ट्र लोकसेवा आयोग, मुंबई यांच्या पत्र क्र. १४७७ (१७/१९९४/कक्ष) **दि. १७ फेब्रुवारी १९९४ च्या पत्रातील मान्यतेसंबंधीचा मजकूर - 'यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ हे संविधिमान्य (Statutory) असल्यामुळे आपल्या विद्यापीठाच्या पदवीधर विद्यार्थ्यांकडून आलेले अर्ज देखील इतर मान्यताप्राप्त विद्यापीठांच्या पदवीधर उमेदवारांकडून आलेल्या अर्जांप्रमाणेच आयोगाकडून विचारात घेतले जातील'**

मुक्त विद्यापीठाच्या पदवी/पदविकांना महाराष्ट्र शासन मान्यता

विद्यापीठ अनुदान आयोगाने मान्यता दिलेली विद्यापीठे

राज्य सेवेतील पदांसाठी पदवी/पदविकास मान्यता

महाराष्ट्र शासन

सामान्य प्रशासन विभाग

शासन निर्णय : क्रमांक आरजीडी-१३९४/प्र.क्र. २१/९४/१३,मंत्रालय, मुंबई ४०००३२, दिनांक ८ मार्च १९९५

वाचा : (१) सामान्य प्रशासन विभाग, शासन निर्णय क्रमांक आरजीडी-१०६१/१८९६७/११४ - जे दिनांक २१ ऑगस्ट १९६९

शासन निर्णय : महाराष्ट्र लोक सेवा आयोगाशी विचार विनिमय करून उपरोक्त दिनांक २१ ऑगस्ट १९६९ च्या आदेशाद्वारे असा निर्णय घेण्यात आला होता की, केंद्र अथवा राज्य विधिमंडळाच्या अधिनियमाद्वारे स्थापित झालेली विद्यापीठे, संसदेच्या अधिनियमाद्वारे स्थापन झालेल्या इतर शैक्षणिक संस्था, किंवा विद्यापीठ अनुदान आयोग अधिनियम, १९५६ च्या अंतर्गत भाग ३ अन्वये जाहीर झालेली मानवी विद्यापीठे यांनी प्रदान केलेल्या पदव्या / पदविका तसेच भारतीय वैद्यकीय मंडळ अधिनियम, १९५६ च्या परिशिष्टांमध्ये अंतर्भूत केलेल्या वैद्यकीय व संलग्न विषयामधील पदव्या यांना शासकीय महाविद्यालयातील अध्यापकीय पदे वगळता, **राज्यातील सेवा व पदांवरील भरतीसाठी आपोआप मान्यता प्राप्त झाली असल्याचे समजण्यात यावे.**

(२) सदर आदेशासोबत विद्यापीठ अनुदान आयोगाने मान्यता दिलेल्या वैधानिक विद्यापीठे व संस्थांची यादी जोडण्यात आली होती. आयोग मान्यताप्राप्त विद्यापीठे व संस्था यांची अद्ययावत यादी आता या आदेशासोबत जोडण्यात आली आहे. शासन निर्णय, सामान्य प्रशासन विभाग, क्रमांक आरजीडी - १०६१/१८९६७/९१४/जे दिनांक २१ ऑगस्ट १९६९ मध्ये नमूद केलेल्या आणि वर परिच्छेद १ मध्ये उद्धृत केलेल्या हेतूसाठी सदर सर्व विद्यापीठे/संस्था यांनी प्रदान केलेल्या पदवी/पदविकांना आपोआप मान्यता देण्यात आल्याचे समजण्यात यावे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने

दा. र. राणे

अवर सचिव, महाराष्ट्र शासन

प्रति,

(१) राज्यपालांचे सचिव
(२) मुख्य मंत्र्यांचे सचिव
(३) सचिव, महाराष्ट्र लोकसेवा आयोग, मुंबई
(४) महालेखापाल, महाराष्ट्र-१, मुंबई
(५) महालेखापाल, महाराष्ट्र -२, मुंबई
(६) निवासी लेखा परीक्षा अधिकारी, मुंबई
(७) अभिदान व लेखा अधिकारी, मुंबई
(८) प्रबंधक, उच्च न्यायालय (मूळ न्याय शाखा), मुंबई
(९) प्रबंधक, उच्च न्यायालय (अपील शाखा), मुंबई
(१०) प्रबंधक, लोक आयुक्त व उप लोक आयुक्त यांचे कार्यालय, मुंबई
(११) सर्व मंत्रालयीन शिक्षण
(१२) मंत्रालयीन विभागांच्या नियंत्रणांच्या नियंत्रणाखालील सर्व विभाग प्रमुख व कार्यालय प्रमुख
(१३) अवर सचिव, भारत सरकार, शिक्षण मंत्रालय, नवी दिल्ली
(१४) निवड नस्ती

वाचा : महाराष्ट्र शासनाच्या उपरोक्त शासन निर्णय क्रमांक आर.जी.डी. १३९४/प्र.क्र.२१/९४/१३ मंत्रालय, मुंबई. दिनांक ८ मार्च १९९५ च्या सोबत जोडलेल्या यादीमध्ये यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक यांची अनुक्रमांक १४६ वर नोंद करण्यात आलेली आहे.

"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

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
http://ycmou.ac.in