ज्ञानगंगा घरोघरी

Yashwantrao Chavan Maharashtra Open University

A NAAC ACCREDITED WITH GRADE

NASHIK, MAHARASHTRA

PROSPECTUS 2026

UGP04:B.Sc.DATA SCIENCE

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नॅक मानांकित 'अ' श्रेणी

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

School of Computer Science

Prospectus

UGP04: B.Sc. (Hons) (Data Science)

{2025 Pattern}

(Effective from Academic Year 2026-27 and onwards)

[UGC-DEB Programme Code: ODL33513]

Academic Session June 2026

Dnyangangotri, Govardhan, Near Gangapur Dam,
Nashik – 422 222
(0253) 2230459, 2230717, 2230009

Web Site / Web Portal

http://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

No Print Copy.

Prepared By: **School of Computer Science**

Prof. Chetana Kamlaskar, Director (I/C)
Smt. Shubhangi N. Patil, Assistant Professor
Dr.Ujwala P.Mahajan, Academic Coordinator
Smt. Rameshwari Pawar, Senior Academic Coordinator
Dr. Yogesh Waghadkar, Academic Coordinator
Mr. Rahul Raut, Academic Coordinator

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Academic Calendar

Note: This University and School will follow the Programme Calendar declared by UGC/DEB New Delhi time to time.

Teaching-Learning of students shall start from 01-September/01-Feb every year

Sr. No.	Name of the Activity	Tentative schedule			
		Odd Semester (I, III, V)		Even Semester (II, IV, VI)	
		From	To	From	To
1	**Annual Online Admission** (Fresh/Further)	June 2026	August 2026	NA	NA
2	**Online availability of SLM**	July	-	February	-
3	**Teaching – Learning Sessions** (At the respective Learner Support Centers)	September	November	February	May
4	**Continuous Assessment (CA)** Availability of Home Assignment (HA)	September	November	March	April
5	**Continuous Assessment (CA)** Submission of Home Assignment (HA)	November	November	May	May
6	**University Assessment (UA) or End Examination (EE)** For Theory Courses	December	December	May	June
7	**University Assessment (UA)/ End Examination (EE)** for Activity Courses Practical, Minor Project, Community Engagement Programme **(CEP)**	Before the schedule of the end exam for theory courses, but positively before 15-Dec		Before the schedule of the end exam for theory courses, but positively before 15-May	
8	UA/ EE for Activity Courses (**OJT/FP**)	Immediately after/ before the schedule of the end exam for theory courses, but positively before 30-Dec		Immediately after/ before the schedule of the end exam for theory courses, but positively before 30-Jun	
9	**Declaration of End Exam Result**	On or Before 31-January		On or Before 31-July	

Note: For the latest updates/decisions regarding registration, examination and other related activities including schedule of the continuous assessment, learners should visit the university website and Learner Support Center (LSC) regularly.

1. About the University

Yashwantrao Chavan Maharashtra Open University (YCMOU) was established in July 1989 by the 'Act XX-(1989)' of the Maharashtra State Legislature. It is the fifth Open University in the country. This university is recognized under section 12 (B) by the 'University Grants Commission (UGC)' of India. 'The Commonwealth of Learning (COL)' Canada, conferred the prestigious **'Award of Excellence for Institutional Achievement'** for the year **2002** to this university. YCMOU is the first Open University in India, which is honored with this prestigious award.

Again in **2019**, Commonwealth of Learning (CoL) conferred the prestigious **Award of Institutional Excellence** to this University. YCMOU is the first Open University in India, which is honored with this prestigious award twice.

In 2022, this State University Accredited **with 'A' Grade by NAAC** (1st Cycle).

The YCMOU is a member of various prestigious associations and bodies like the Association of Indian Universities (AIU), Association of Commonwealth Universities (ACU), Asian Association of Open Universities (AAOU), Commonwealth of Learning (COL), Canada to name a few.

The university provides relaxed entry procedures. However, it does maintain its standards from curriculum design to examinations. The university may admit a student even when he is studying in another university / Board or is continuing his professional career. It may not ask for documents like Transfer or Leaving Certificate at the time of admission. At the same time the university takes all precautions (just as the other universities do) to ensure that the standards and quality of, education and exams, are preserved.

The Head office of the university is located at Nashik, India. The university operates through its 8 Regional Centers (RCs) at (Amravati, Chhatrapati Sambhajinagar, Mumbai, Nagpur, Nashik, Pune, Kolhapur and Nanded) along with several Learner Support Centers (LSCs) / Study Centers (SCs) only within the Maharashtra state.

LEARNER SUPPORT CENTERS (LSCS) / STUDY CENTERS (SCS) OF PROGRAMMES

This university has recognized programme wise Learner Support Centers (LSCs) /Study Centers (SCs) within the State of Maharashtra have to provide all specified

student services to the current and previously enrolled students as per the approved university rules for all the programmes on offer or for the withdrawn programmes till the last event of End Examination (if applicable).

JURISDICTION AND REVISION OF RULES

All legal disputes regarding LSC/Study Center and enrolled students shall be subject to Nashik jurisdiction only. In order to cope up with unforeseen circumstances and to maintain high academic quality of these programmes, the university reserves the right to change, revise, update, add or delete any rule (including rules regarding programme fees) about these programmes, at any time. These modifications will be applicable to all students, including previously admitted students.

LATEST UPDATE POLICY

Latest updated version of this prospectus shall be available at university website at **http://www.ycmou.ac.in** for free download in PDF file format. Hence, students, LSCs and other stake holders are advised to always refer website for latest updated copy of this prospectus.

2. About the School of Computer Science

The School of Computer Science is one of the schools 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 Centers.

Vision:

Designing and delivering computer education for everyone, anytime, anywhere. Empowering the knowledge workers by providing them with computing skills through technology-based educational systems.

Mission:

The School of Computer Science provides computer programmes that empower learners with computing skills needed in their world of work and creating opportunities of higher learning through:

- Developing need-based and job-oriented short-term computer programmes to meet the huge demand of IT skilled manpower in business and industry.
- Making certain the relevance of programmes by updating the curriculum dynamically.
- Offering e-Learning support to its learners.
- Setting up tie-ups with industries and other educational institutions to share experience and knowledge.
- Conducting research that will help in developing new methods, tools and techniques useful for computer education and applications.
- Imparting computer education through its Authorized Learner Support Centres.

3. Need for Programme

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.

This programme combines the intellectual challenge of a new discipline with the excitement of an innovative and rapidly expanding information technology. This programme is 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.

"Empower Your Future with a Flexible BSc in Data Science – Learn Anytime, Anywhere!"

Step into the future of technology and analytics with a BSc in Data Science through Open and Distance learning mode. This programme designed for aspiring data professionals who seek flexibility without compromising quality. This programme equips you with essential skills in statistics, programming, machine learning, and data visualization, all from the comfort of your home. With a strong focus on practical application and real-world problem-solving, you'll be prepared for high-demand careers in IT, finance, healthcare, and beyond. Whether you're a working professional or a recent XII passout, this flexible and career-oriented program is your gateway to the booming world of data science. Enroll now and turn data into opportunity!

4. Learner Support Centres

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 Learner Support Centre 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 Learner Support Centre. The Coordinator/Counselor/Supervisor of the Learner Support Centre will supervise the practical activities.

5. Programmes offered by the School of Computer Science

Programme Code	Name of the programme	Duration	Valid registration period	UGC-DEB Programme Code
P163	Master of Computer Applications (MCA)	2 years	4 years	ODL33541
P144	Master of Computer Applications (MCA) **(FY Admissions stopped from June 2023)**	3 years	6 years	ODL33541
UGP05	Bachelor of Computer Applications (BCA) {2025 Pattern} **(Effective for SY and TY admissions- Academic Sessions of June 2025 and January 2026 only)**	3 years	7 years	ODL33512
UGP08	Bachelor of Computer Applications (BCA) {2026 Pattern}	3 years	7 years	ODL33512
P131	**Bachelor of Computer Applications (BCA) {2016 Pattern}** **(Withdrawn in June 2025)** **(Only further admission in June 2026 for already enrolled students)**	3 years	5 years	ODL33512
UGP04	Bachelor of Science (Hons) (Data Science) {2025 Pattern}	3 years	7 years	ODL33513
D178	Diploma in Computerized Financial Accounting	1Year	2 years	--
C188	Certificate in Advanced Excel	6 Months	1Year	--
C189	Certificate in Computerized Financial Accounting	6 Months	1Year	

C190	Certificate in Advanced Computerized Financial Accounting	6 Months	1Year	
C191	Certificate in Data Analytics	6 Months	1Year	---

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

Programme Code	Name of the programme	Duration	Collaboration with
D217	Diploma in Cyber Crime Investigation	1 Year	CYECOPS LLP, Pune

SELF-INSTRUCTIONAL LEARNING MATERIAL POLICY

1. "**Self-Instructional Learning Material (SLM)**" means - the learning material which is specially designed for the Open University students. This material is designed in such a manner that the students are able to understand most of the subject matter even in the absence of a teacher.
2. Depending upon the nature of the programs the learning material (study material) is designed and developed in various formats and different methods are used for its delivery to the students. **SLM may be print or non-print/ electronic study material.**
3. As per the University policy, this School shall provide study material **in electronic format only for the programmes on offer**. The study material in electronic format shall be made available for **free download on the University Website at http://www.ycmou.ac.in/**, under the **EBooks downloads**, which is accessible on the webpage of the School of Computer Science**.**

PRINTED STUDY MATERIAL (छापील अभ्याससाहित्य)

All enrolled students should collect the printed study material/SLM from their respective Learner support centers/Study centers before the end examination of the programme. Students shall not be entitled to that study material after the result declaration (Applicable only for printed study material, **not for soft copies of SLM books**).

प्रवेशित झालेल्या विद्यार्थींनी छापील अभ्याससाहित्य परीक्षेपूर्वी घेवून जावे, निकाल लागल्यानंतर त्या अभ्याससाहित्यावर त्यांचा हक्क असणार नाही. **(फक्त छापील अभ्याससाहित्यासाठी लागू)**
संगणकशास्त्र विद्याशाखेतर्फे राबविण्यात येणाऱ्या शिक्षणक्रमांसाठी अध्ययन साहित्य (**SLM)** फक्त इलेक्ट्रॉनिक स्वरूपातच उपलब्ध करून देण्यात आलेले आहे, कृपया याची नोंद घ्यावी.

Link: **School of Computer Science** offers study material/SLM **in electronic format only for the programmes on offer**. Students can access the e-books through the following link: https://ycmou.ac.in/e-books or https://drive.google.com/drive/u/1/folders/1H-XACQNbV1XitY-7PGyp55lBK96eaNlY

6. 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:

Sr. No.	Name of the programme and Programme Code	Year	Pre Qualification
1	B.Sc. (Hons) (Data Science) (UGP04)	**FY (Sem I)**	1. Obtaining Qualifying marks in Common Entrance Test conducted by the University **AND** 2. Passed any one of the following examinations from a recognized Board/University/Institution: **a)** Passed Higher Secondary Certificate (HSC) Examination (12th / 10+2) or NSQF Level 4.0 examination conducted by Maharashtra State Board of Secondary and Higher Secondary Education, Central Board of Secondary Education (CBSE), Council for the Indian School Certificate Examinations (ICSE), National Institute of Open Schooling (NIOS), or any equivalent examination conducted by a recognized Board/Authority in India, with Mathematics and English as passing subjects. **OR** **b)** Three-year Engineering Diploma after SSC (10^{th}) i.e. (10+3) or two-year Engineering Diploma after HSC (12^{th}) i.e. (12+2) from a recognized Technical Board or Polytechnic Institution in India. **OR** **c)** Higher Secondary Vocational (MCVC) Examination in Technical group with Mathematics and English as passing subjects. **OR**

			d) Passed Two-year ITI programme after SSC (10th) of NSQF Level 4.0 from a recognized Industrial Training Institute with Mathematics and English.
		SY (Sem III)	FY B.Sc. (Data Science) UGP04 Registered

(II) Documents to be uploaded while applying

Year and programme	Documents to be uploaded
FY B.Sc. (Hons) (Data Science)	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 and Certificate of Std 12th **OR** 3) Statement of Marks, Certificate of Std 10th AND Statement of Marks, Certificate of all 3 years of Diploma **OR** 3) Statement of Marks, Certificate of Std 12th AND Statement of Marks, Certificate of all 2 years of Diploma **OR** 3) Statement of Marks, Certificate of Std 10th **AND** Certificate, Statement of Marks of all 2 years of ITI having NSQF Level 4.0 **OR** 3) Statement of Marks, Certificate of Std 10th **AND** Certificate, Statement of Marks of all 2 years of Maharashtra State Board of Vocational Education course
SY B.Sc. (Data Science)	UGP04: FY B.Sc. (Data Science) Statement of Marks or Hall ticket

MANDATORY DOCUMENTS REQUIRED FOR ADMISSION:

1. Document in support of Date of Birth (School Leaving Certificate/ SSC Certificate)
2. Aadhar Card

ADDITIONAL DOCUMENTS:

1. Caste Validity Certificate [if required]
2. Marriage Certificate/ Copy of Government Gazette/ Affidavit [If name is changed after marriage or in case of change of name]

7. Language of Instruction

The medium of instruction for the UGP04: B.Sc. (Data Science) programme is English except for few courses (IKSK104, IKSK105, AECL201, AECL202) as mentioned in programme structure. The Self-Learning Materials (SLMs) are available in electronic (PDF) format. The medium of examination will be English except for those courses having medium other than English. However, the Coordinator, Counselor or Supervisor may use **English /Marathi /Any other language** to help the learners understand the course (subject) well.

8. Educational Network for Programme Delivery

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

The instructional package consists of the following components:

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

9. Programme Structure

This undergraduate **programme** is offered in alignment with the **National Education Policy** (NEP 2020) as per the directives of Maharashtra government. The programme emphasizes the **design, development, and delivery of a multidisciplinary, holistic, and integrated curriculum.**

The **B.Sc. (Data Science)** programme provides **essential knowledge** across:

- **Major Discipline Courses**
- **Minor courses** (selected from disciplines other than the major)
- **Open elective courses** (chosen from other faculties)

UGP04: B.Sc. (Hons) (Data Science) {2025 Pattern}

Course Code	Category	Course Name	Theory/ Practical /Project	Total Study (HRS)	Credit Points	Assessment Details				Total Marks	
						CA		UA or EE			
						Min	Max	Min	Max	Min	Max
Semester I (NCrF Level 4.5)											
DSCC101	Major	Python for Data Science	Theory	120	4	12	30	28	70	40	100
DSCC102	Major	Lab on Python for Data Science	Practical	60	2	10	25	10	25	20	50
XXXE101	OE	Choose from OE list (Appendix F)	Theory	60	2	6	15	14	35	20	50
XXXE102	OE	Choose from OE list (Appendix F)	Theory	60	2	6	15	14	35	20	50
DSCV101	VSC	Advanced Excel	Practical	60	2	10	25	10	25	20	50
DSCS101	SEC	Fundamentals of Programming	Practical	60	2	10	25	10	25	20	50
AECL101	AEC	Listening and Speaking Skills in English	Theory	60	2	6	15	14	35	20	50
VECD101	VEC	Introduction to the Constitution of India	Theory	60	2	6	15	14	35	20	50
Select Any One from IKSK104 AND IKSK105											
IKSK104	IKS	भारतीय ज्ञान परंपरेच्या अनुषंगाने विज्ञान आणि तंत्रज्ञान	Theory	60	2	6	15	14	35	20	50
IKSK105	IKS	Indian Knowledge System-Generic	Offered in Online Mode		2	6	15	14	35	20	50
CCRX101 To CCRX106	CC	Choose from (CCRX101 to CCRX106) (Appendix G)	Practical	60	2	20	50	..	..	20	50
Semester I Total Credits					**22**					**220**	**550**
Semester II (NCrF Level 4.5)											
DSCC103	Major	Foundation of Statistics	Theory	120	4	12	30	28	70	40	100
DSCC104	Major	Lab on Foundation of Statistics	Practical	60	2	10	25	10	25	20	50
Select any ONE Minor stream from 1. Artificial Intelligence 2. Internet of Things Choose from AISM101 OR IOTM101											
AISM101	Minor	Fundamentals of AI	Theory	60	2	6	15	14	35	20	50
OR											
IOTM101	Minor	Fundamentals of IoT	Theory	60	2	6	15	14	35	20	50
XXXE103	OE	Choose from OE list (Appendix F)	Theory	60	2	6	15	14	35	20	50
XXXE104	OE	Choose from OE list (Appendix F)	Theory	60	2	6	15	14	35	20	50
DSCS102	SEC	Digital Marketing	Practical	60	2	10	25	10	25	20	50
DSCV102	VSC	Web Technology	Practical	60	2	10	25	10	25	20	50
AECL102	AEC	Reading and Writing Skills in English	Theory	60	2	6	15	14	35	20	50
VECD102	VEC	Environmental Studies	Theory	60	2	6	15	14	35	20	50
CCRX107 To CCRX112	CC	Choose from (CCRX107 to CCRX112) (Appendix G)	Practical	60	2	20	50	..	..	20	50
Semester II Total Credits					**22**	**Total**				**220**	**550**
Award of UG Certificate in the Faculty of Computer Science – Data Science (Level 4.5) with 44 credits and an additional 4 credits core NSQF course/Internship OR Continue with Major and Minor											

Semester III (NCrF Level 5.0)											
DSCC201	Major	Database Management Systems	Theory	120	4	12	30	28	70	40	100
DSCC202	Major	Data Science and IKS	Theory	60	2	6	15	14	35	20	50
DSCC203	Major	Design and Analysis of Algorithms	Theory	60	2	6	15	14	35	20	50
Continue with the Minor stream as selected in Semester II, from 1. Artificial Intelligence 2. Internet of Things											
AISM201	Minor	Machine Learning and Deep Learning	Theory	60	2	6	15	14	35	20	50
AISM202		Lab on Machine Learning	Practical	60	2	10	25	10	25	20	50
OR											
IOTM201	Minor	IoT Hardware and Software	Theory	60	2	6	15	14	35	20	50
IOTM202		Lab on Microcontrollers	Practical	60	2	10	25	10	25	20	50
XXXE201	OE	Choose from OE list (Appendix F)	Theory	60	2	6	15	14	35	20	50
DSCV201	VSC	Lab on Database Management Systems	Practical	60	2	10	25	10	25	20	50
AECL201	AEC	Aadhunik Marathi Bhasha Abhyas -I	Theory	60	2	6	15	14	35	20	50
DSCF201	FP	Field Project	Practical	60	2	20	50	..	..	20	50
CCRX201 To CCRX206	CC	Choose from (CCRX201 to CCRX206) (Appendix G)	Practical	60	2	20	50	..	..	20	50
Online non-Credit Audit Course											
CSC101	Audit	Cyber Security	Theory	-	-	6	15	14	35	20	50
Semester III Total Credits					**22**	**Total**				**220**	**550**
Semester IV (NCrF Level 5.0)											
DSCC204	Major	Mathematics for Data Science	Theory	120	4	12	30	28	70	40	100
DSCC205	Major	Data Visualization and Modelling	Theory	120	4	12	30	28	70	40	100
Continue with the Minor stream as selected in Semester II, from 1. Artificial Intelligence 2. Internet of Things											
AISM203	Minor	Fuzzy Logic and Expert Systems	Theory	60	2	6	15	14	35	20	50
AISM204		Lab on Fuzzy Logic	Practical	60	2	10	25	10	25	20	50
OR											
IOTM203	Minor	Networking and Connectivity	Theory	60	2	6	15	14	35	20	50
IOTM204		Lab on IoT Network	Practical	60	2	10	25	10	25	20	50
XXXE202	OE	Choose from OE list (Appendix F)	Theory	60	2	6	15	14	35	20	50
DSCS201	SEC	Lab on Data Visualization	Practical	60	2	10	25	10	25	20	50
AECL202	AEC	Aadhunik Marathi Bhasha Abhyas -II	Theory	60	2	6	15	14	35	20	50
DSCG201	CEP	Community Engagement Programme	Practical	60	2	20	50	..	..	20	50
CCRX207 To CCRX212	CC	Choose from (CCRX207 to CCRX212) (Appendix G)	Practical	60	2	20	50	..	..	20	50
Semester IV Total Credits					**22**	**Total**				**220**	**550**

Award of UG Diploma in the Faculty of Computer Science - Data Science (Level 5.0) with 88 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor											
Subject to Approval											
Semester V (NCrF Level 5.5)											
DSCC301	Major	Artificial Intelligence	Theory	120	4	12	30	28	70	40	100
DSCC302	Major	Machine Learning & Deep Learning Algorithms	Theory	120	4	12	30	28	70	40	100
DSCC303	Major	Lab on Machine Learning and Deep Learning	Practical	60	2	10	25	10	25	20	50
Continue with the Minor stream as selected in Semester II, from 1. Artificial Intelligence 2. Internet of Things											
AISM301	Minor	Natural Language Processing (NLP)	Theory	60	2	6	15	14	35	20	50
AISM302		Lab on Natural Language Processing (NLP)	Practical	60	2	10	25	10	25	20	50
OR											
IOTM301	Minor	IoT Data Management and Analytics	Theory	60	2	6	15	14	35	20	50
IOTM302		Lab on IoT Data Management	Practical	60	2	10	25	10	25	20	50
DSCV301	VSC	R Programming	Practical	60	2	10	25	10	25	20	50
DSCF301	FP	Field Project	Practical	60	2	20	50	..	..	20	50
Elective Course Select Any one (DSCC304 & DSCC305) AND (DSCC306 & DSCC307)											
DSCC304	Major (Elective)	Software Engineering	Theory	60	2	6	15	14	35	20	50
DSCC305		Lab on Software Engineering	Practical	60	2	10	25	10	25	20	50
OR											
DSCC306	Major (Elective)	Game Development (Pygame)	Theory	60	2	6	15	14	35	20	50
DSCC307		Lab on Game Development (Pygame)	Practical	60	2	10	25	10	25	20	50
Semester V Total Credits					**22**	**Total**				**220**	**550**
Semester VI (NCrF Level 5.5)											
DSCC308	Major	Big Data Analytics	Theory	120	4	12	30	28	70	40	100
DSCC309	Major	Cloud Computing	Theory	120	4	12	30	28	70	40	100
DSCC310	Major	Lab on Big Data Analytics	Practical	60	2	10	25	10	25	20	50
Continue with the Minor stream as selected in Semester II, from 1. Artificial Intelligence 2. Internet of Things											
AISM303	Minor	Generative AI	Theory	60	2	6	15	14	35	20	50
AISM304		Capstone Project on AI	Practical	60	2	10	25	10	25	20	50
OR											
IOTM303	Minor	Industrial IoT	Theory	60	2	6	15	14	35	20	50
IOTM304		Capstone Project on IoT	Practical	60	2	10	25	10	25	20	50
DSCO301	OJT	On Job Training	OJT	120	4	20	50	20	50	40	100
Elective Course Select Any one (DSCC311 & DSCC312) AND (DSCC313 & DSCC314)											
DSCC311	Major (Elective)	Business Analytics	Theory	60	2	6	15	14	35	20	50
DSCC312		Lab on Business Analytics	Practical	60	2	10	25	10	25	20	50
OR											
DSCC313	Major (Elective)	Core Java	Theory	60	2	6	15	14	35	20	50
DSCC314		Lab on Core Java	Practical	60	2	10	25	10	25	20	50
Semester VI Total Credits					**22**	**Total**				**220**	**550**

CA: Continuous Assessment UA: University Assessment EE: End Examination

Abbreviations of the courses

<table>
<tr><td>Major</td><td>Discipline Specific Core Course (Mandatory)</td><td>Major Elective</td><td>Discipline Specific Elective Course</td></tr>
<tr><td>OE</td><td>Generic / Open Elective</td><td>VSC</td><td>Vocational Skill Courses</td></tr>
<tr><td>SEC</td><td>Skill Enhancement Courses</td><td>AEC</td><td>Ability Enhancement Courses</td></tr>
<tr><td>VEC</td><td>Value Education Courses</td><td>IKS</td><td>Indian Knowledge System</td></tr>
<tr><td>OJT</td><td>On Job Training</td><td>FP</td><td>Field Project</td></tr>
<tr><td>CEP</td><td>Community Engagement & Service</td><td>CC</td><td>Co-curricular Courses: List is given as
<table>
<tr><td>Health and Wellness</td><td>Cultural Activities</td></tr>
<tr><td>Yoga education</td><td>NSS</td></tr>
<tr><td>Sports and fitness</td><td>Fine/Applied/Visual/ Performing Arts</td></tr>
</table></td></tr>
</table>

Note:

1. For CC (Co-curricular Courses) Learner will select options of his/her choice from Health and Wellness; Yoga; Sprots and Fitness; Cultural Activities; Fine Arts; Applied Arts; Visual Arts; Performing Arts; NSS; NCC. For more details refer Appendix G.

2. Students admitted to UGP04: B.Sc. (Data Science)(2025 Pattern) programme in June 2025 shall **continue** with the Internet of Things (IoT) Minor Stream, as originally allotted at the time of admission.

From **Academic Year 2026-27**, the following two minor steams are offered by the School of Computer Science. Students shall choose **any one of the minor steam** and the same stream shall be continued for the successful completion of the programme.

- Artificial Intelligence (AI)
- Internet of Things (IoT)

The learners are advised to check website regularly for the guidelines and related updation /modification if any.

10. Fees

The Total Programme Fee consists of four independent parts:

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

Note: Fees may be updated as per University Policy decision.

Sr. No.	Name of the programme	Year	Mandatory Fee (₹)	University Share (₹)	LSC Share (₹)	End Exam Fee (₹)	Total Programme Fee (₹)
1.	B.Sc. (Hons) (Data Science) {2025Pattern}	FY	676	9,328	21,764	3,300	**35,068**
		SY	566	9,497	21,925	3,200	**35,188**
		TY	1026	9,106	21,246	3,690	**35,068**

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 (₹)	TY (₹)
1	Registration	200	200	200
2	Eligibility	100	0	0
3	Identity Card	10	0	0
4	Prospectus	50	50	50
5	e-Suvidha/e-Services	118	118	118
6	Library	10	10	10
7	Chancellor's Office Events	38	38	38
8	Sports	50	50	50
9	DSW	50	50	50
10	Disaster Management	10	10	10
11	NSS	10	10	10
12	Alumni	0	0	10
13	Sanwad	10	10	10
14	Graduation/Convocation	0	0	450
15	Learner Insurance	20	20	20
	Total	**676**	**566**	**1026**

11. 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.

1 "**Online Annual Admission**" means - Normally, online admission is given only once in a year (typically in July - August) to first year or 2 semesters, that is, odd and even numbered semesters, in an academic year. Thus, along with the admission form, students shall be required to pay 'University Share', 'LSC Share', 'Mandatory Fee' and 'End Exam Fee' for both semesters. The 'End Exam Fee' includes the **first** compulsory attempt of end exam for **all courses at each semester**.

2 "**Online New or Fresh Admission**" means - **First** admission to the academic programme. Normally, new/ fresh admission is given to the lowest numbered semester. Students are required to apply online for new/ fresh admission in the prescribed format along with the attested scanned photocopies of specified documents need to be uploaded and payment of the specified fees for the programme need to be paid online by net banking/ credit or debit card.

3 "**Online Further Admission**" means - **all next** admissions (**after first admission**) to the each successively higher numbered year/ semesters of the academic programme. Students having Permanent Registration Number (**PRN**) are eligible to apply for the **Online Further Admission**. The students have to complete similar process as mentioned for the Fresh Admission. Student can select another LSC during online further admission process.

4 **"Student Registration"** means - confirmation of the admission of the student to the specified year/semesters of the academic programme by the university, after submission of a completed online admission form along with uploaded scanned photocopies of specified documents and online payment of the specified fees for the programme. **Student registration is valid only during valid registration period.** The university assigns unique 'Permanent Registration Number (PRN)' to each student when he/she is registered for the academic programme during the first fresh admission.

1. **Valid Registration Period**" means - Maximum duration of the programme required to successfully complete any program for the award of the degree. As per G.R. No. NEP-2022/CR No. 09/VISHI-3/शिकाना, dated 20-April-2023, **VRP for each UG programme shall be 7 years.** So, for UGP04: Bachelor of Data Science programme, VRP for each programme is the minimum duration (3 Years) of programme + 04 Years = **7 Yrs.**

5 Only within valid registration period, students are allowed to attend counseling sessions at the allotted LSC/ Study Center. **Extension of registration period shall not be allowed**.

COUNSELING

1. "**Counseling Sessions (CS)**" means –Face-To-Face classroom sessions conducted at LSCs, by a well-qualified and experienced counsellor/ expert/ teacher to explain and clarifies doubts/difficulties of the students. During counseling sessions, students also perform practical or research activities / field project or project work in LSC laboratory. Last 4-5 hours of counseling for each course in a semester are reserved for assessment and feedback about "Continuous Assessment (CA)".

2. "**Counselor**" means - a qualified and experienced expert/person at LSC, who conducts counseling sessions and helps the students in solving their difficulties.

3. "**Supervisor**" means - a qualified and experienced expert/person at LSC, who helps the students to perform practical or laboratory activities or project work in LSC laboratory.

4. "**Mentor**" means - a qualified and experienced person at allotted industry or business unit, for the guidance and supervision activities of the students. He

coordinates monthly face-to-face single Mobile-Ready or Video lecture of one hour duration and helps the students in solving their difficulties. He also helps the students to perform "On Job Training" for the specified hours in allotted industry or business unit. Mentor also helps students in smooth and timely conduction of Continuous Assessment.

5. "**On Job Training (OJT)**" means – daily or periodic assigned work which student needs to perform at his/ her allotted industry or business unit. As per NEP 2020, UG students shall complete one month On Job Training (OJT) or Internship (For 4 Credit Course, Total Study hours 120 hrs including Internship Report).

6. **"Field Project (FP)"** means – A course requiring students to participate in field-based learning/projects generally under a qualified and experienced expert/Supervisor at LSC. UG students shall complete half month (15 days) Field Project (For 2 Credit Course, Total Study hours 60 hrs including Activity Report).

7. **"Community Engagement and Service (CEP)"** means – A course requiring students to participate in field-based learning/projects which involves activities aimed at exposing students to real socio-economic issues to complement theoretical knowledge, generally under a qualified and experienced expert/Supervisor at LSC.

   UG students shall complete half month (15 days) Community Engagement and Service (CEP) (For 2 Credit Course, Total Study hours 60 hrs including community engagement and service and preparation of Report).

8. **"Co-curricular (CC)"** means - A course requiring students to review the following list of Co- curricular Courses (CC) and select one that aligns with their interests. Students will be allocated one course from the list. The aim of the Co-curricular Course is to offer an opportunity to pursue passions outside the selected major and provide a well-rounded experience to the students.

   At LSCs, supervisors will be assigned to mentor the activities related to the Co-curricular Course topic. Supervisors will collaborate with experts in the respective course to create a list of activities for students to perform.

   Students must submit a hard copy of a **report along with a certificate** detailing the activities performed that are related to the topics of the chosen Co-curricular Course. Evaluation will be based on the report of activities submitted by the student at the respective LSCs. **More information about the evaluation of Co-curricular Courses (CC) will be updated on the university website.**

Basket of Co-curricular Courses is given as under:

1. Health and Wellness
2. Yoga education
3. Sports and fitness
4. Cultural Activities
5. NSS
6. Fine/ Applied/ Visual/ Performing Arts

12. Common Entrance Test

The candidates seeking admission to the UGP04: Bachelor of Science (Data Science) programme of this University 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 is of 2 Marks). Candidate must obtain a minimum of 40 marks for becoming qualified for UGP04: B.Sc. (Hons) (Data Science) 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	10 Questions 20 Marks
3	Logical Reasoning	Patterns, sequences, Blood Relation, Mirror image, Logical deduction.	10 Questions 20 Marks
4	General Aptitude and English Communication	Language skills (Vocabulary, Grammar, Reading comprehension), Current Affairs, General knowledge, Mental ability	10 Questions 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 when squared and added to 12 becomes 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 months and 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

Q9. 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) Sardar Vallabhbhai Patel

13. 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.

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 80% 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 credits) 12 counseling sessions are scheduled. Each counseling session is of one clock hour duration. For each practical course (2 credits) 6 practical sessions are conducted. Each practical session is of 2 clock hour's duration.

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

As per NEP2020, the evaluation pattern of the B.Sc.(Hons) (Data Science) Programme consists of the following components.

Components	Credits	University Assessment Marks	Continuous Assessment Marks	Total Marks	Passing Marks
Theory paper	4	70	30	100	Secure minimum 40% marks in University Assessment (UA) as well as Continuous Assessment (CA) Separately.
	2	35	15	50	
Practical	2	25	25	50	
OJT	4	50	50	100	
Minor Project (As per Selection of Minor Stream)	2	25	25	50	
Co- curricular Courses (CC), Field Project (FP), Community Engagement Programme (CEP)	2	-	50	50	

- Learner will have to obtain minimum 40% marks to pass in each course in university assessment and continuous assessment separately.
- The marks obtained by the learner in Continuous Assessment and University Assessment will be shown separately in the Mark Sheet.

Evaluation Pattern for Theory Courses:

(A) Continuous Assessment i.e. Home Assignment:

For 4 Credits: 30 marks	For 2 Credits: 15 marks
Home Assignment 1: Total: 20 Marks • One Long answer questions (10 Marks) • Two short answer questions (10 Marks)	**Home Assignment 1:** Total: 15 Marks • One Long answer questions (10 Marks) • One short answer questions (5 Marks)
Home Assignment 2: Total 10 Marks • 10 objective type questions of 1 mark each.	**Note**: For updated pattern, visit university website.

In each Semester, for all **theory** courses home assignments will have to be submitted.)

1. University will upload the home assignment questions on university website http://ycmou.digitaluniversity.ac learners should download the home assignment questions from the university website.
2. The learners must submit neatly hand-written home assignments in softcopy format through the Home Assignment submission portal, as per the schedule declared by the University.
3. These assignments shall be evaluated by the Counselors of the concerned courses.
4. Learners should follow the university guidelines regularly and communicate with their respective Learner Support Centers for submission of their assignments within time.
5. The learners who fail to submit these assignments within the stipulated time would not to be allowed to re-submit the same after the commencement of the Semester end examination and he/she would be awarded 'zero' marks/ABSENT, and the same would be displayed in his/her mark sheet.
6. Assignments submission for each course must be completed within the stipulated dates in the same semester of an academic year as communicated by the University. The university will not permit resubmission/late submission of assignment under any circumstances.

(B) University Assessment (UA) or End Examination (EE)

The University Assessment or End Examination will be of 70 marks for 4 credit courses and of 35 marks for 2 credit courses. The university will conduct end examination as per the schedule declared in advance.

University Assessment or End Examination Question paper pattern

For 70 marks pattern for 4 credits course	**For 35 marks pattern for 2 credits course**
Q1. Long Answer (Any one of two questions) 10 Marks	Q1. Long Answer (Any one of two questions) 10 Marks
Q2. Long Answer (Any one of two questions) 10 Marks	Q2. Short answer questions (Any two out of three questions) 10 Marks
Q3. Long Answer (Any one of two questions) 10 Marks	Q3. Very Short answer questions (Any five out of six questions) 15 Marks
Q4. Short answer questions (Any five out of Six questions) 25 Marks	
Q5. Very Short answer questions (Any five out of six questions) 15 Marks	

Evaluation for Practical Courses, FP, OJT and Project:

Course Type	Credits	CA		UA or EE		Total	
		Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks
Practical	2	10	25	10	25	20	50
Co- curricular Courses (CC), Field Project (FP)/Community Engagement Programme (CEP)	2	20	50	-	-	20	50
Minor Project	2	10	25	10	25	20	50
OJT	4	20	50	20	50	40	100

For practical CA a learner needs to prepare workbook/Journal and need to attempt internal Viva -Voce Examination at their respective LSC.

1. If learner fails to complete practical work then she/he will be allowed to do it with next semester.
2. For practical course of 2 and 4 credits, two hours of practical exam will be held. One batch can contain 18 to 20 learners.

Detailed evaluation structure of Field Project

Module	Description	CA	
1	Basic structure of society, key definition of problem area, analysis of preliminary data	15	**No UA/EE**
2	Classroom-work-correspondence, formats, interactions and liaising	05	
3	Field work and data gathering	15	
4	Analysis and reporting	10	
5	Feedback to community	05	
	Total	**50 Marks**	

On Job Training (4 Credits) evaluation structure:

Sr. No.	Component	Internal Examiner (Programme Coordinator (PC)/ Supervisor of LSC) (CA)	External Examiner (EE)
1	Behavior, interest in assigned work, willingness to learn (Professional Attitude)	10	10
2	Accept responsibility, cooperate with coworkers and supervisors, demonstrate organizational skills	05	--
3	Uses time, knowledge and expertise effectively, Analyzes problems effectively.	05	-
4	Demonstrates creativity, originality, any innovative contribution, professional ethics and accountability	10	10
5	Writes effectively, produces high quality work, skill proficiency (Internship Report)	15	10
6	Viva-Oral	05	20
	Total	**50**	**50**

Learners Evaluation with Grade system:

1. **"Absolute Grading":** the marks are converted to grades based on pre-determined class intervals.

2. **"Letter Grade":** It is an index of the performance of learners in a said programme. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

3. **"Grade Point":** It is a numerical weight allotted to each letter grade on a 10-point scale. Grade Point shall be "0 (Zero)" for Letter Grade "Ab" and "F".

   The marks scored by the examinee shall be converted into grade points by dividing the marks scored in the aggregate and dividing the resulting number by maximum marks, multiplying the result by ten, retaining the integer part (ignore the fractional part). Thus, if a person has secured 56 marks out of 100 marks in

aggregate for a course, we get (56/100) x 10 which is 5.6. Ignoring the fraction, we get 5 as the grade point.

4. The UGC recommends a 10-point grading system with the following letter grades and points as given below:

Sr.No.	% of Marks obtained out of 100	Letter Grade	Grade Point	Description	Status
1.	90 – 100	O	10	Outstanding	Pass
2.	80 – 89.99	A+	9	Excellent	Pass
3.	70 – 79.99	A	8	Very Good	Pass
4.	60 – 69.99	B+	7	Good	Pass
5.	55 – 59.99	B	6	Above Average	Pass
6.	50 – 54.99	C	5	Average	Pass
7.	40 – 49.99	P	4	Pass	Pass
8.	0 – 39.99	F	0	Fail	Fail
9.	Ab (Absent)	F	0	Absent	Fail

Conversion of CGPA to CGPA

SN	(CGPA to CGPA)	Grade	Description
1.	9 – 10	O	Outstanding
2.	8 – 8.99	A+	Excellent
3.	7 – 7.99	A	Very Good
4.	6 – 6.99	B+	Good
5.	5.5 – 5.99	B	Above Average
6.	5 – 5.49	C	Average
7.	4 – 4.99	P	Pass
8.	0 – 3.99	F	Fail

5. **"Credit Point":** It is the product of grade point and number of credits for a course.

6. **"Semester Grade Point Average (SGPA)":** It is a measure of performance of work done in a semester. It is the ratio of sum of the product of the number of credits with the grade points scored by a learner in all courses taken by a learner and the sum of number of credits of all the courses undergone by a learner:

$$\text{SGPA } (S_i) = \frac{\sum C_i G_i}{\sum C_i}$$

Where, C_i is the number of credits of the i^{th} course component and G_i is the grade point scored by the student in the i^{th} course component.

7. **"Cumulative Grade Point Average (CGPA)":** It is a measure of overall cumulative performance of a learner over all semesters. The CGPA is the ratio of total credit points secured by a learner in various courses in all semesters and the sum of the total credits of all courses in all the semesters.

   The CGPA is also calculated in the same manner taking into account all the courses undergone by a learner over all the semesters of a programme.

$$\text{CGPA} = \frac{\sum C_i S_i}{\sum C_i}$$

   Where, S_i is the SGPA of the i^{th} semester & C_i is the total number of credits in that semester.
   The SGPA and CGPA shall be rounded off to 2 decimal points.

8. **"Transcript or Grade Card or Certificate":** Based on the grades earned, a grade certificate shall be issued to all the registered learners after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.

RULES FOR OVERLAPPING END EXAMS AND RE-APPEARANCE

Applicable only for pursuing two Academic Programmes simultaneously

1. If a student enrolled in more than one programme has two examinations of different courses scheduled at the same time on the same day (Overlap), the student may choose to appear for any one of the End Exam (EE) according to their preference. Students who miss the End Exam (EE) due to such an overlap may submit a written application for exam fee waiver (exemption) for the missed course(s) through the Learner Support Centre (LSC) to the Regional Center. They will be allowed to appear once for the End Exam (EE) during the next available End Exam (EE) session/event in the same academic year, without payment of an additional examination fee (since the exam fee has already been paid at the time of admission).

2. Even if a student is unable to appear for the End Exam (EE) any course(s) in the undergraduate or postgraduate programme in which they are enrolled, they may still enroll in the next year of the respective programme. Additionally, they may appear for the End Exam (EE) subsequently by submitting a re-examination application in accordance with the examination rules and regulations.

3. For End Exam Schedule and Session Time, Student has to 'Visit University Website'.

16. Cyber Security (Online non-credit Audit Course)

As per the directions of the University Grants Commission, Yashwantrao Chavan Maharashtra Open University has implemented a "Cyber Security" course for learners admitted to undergraduate and postgraduate degree programs from the academic year 2024-25. The learner must complete this online non-credit audit course in second year of their admission to a degree program. Only after passing the cyber security course learners will get their degree certificate.

The attached Appendix E provides detailed information in this regard.

17. Award of Degree

Award of Degree: A learner becomes eligible for award of degree after successful completion of **all** the courses included in the concerned degree programme and cyber security course.

18. 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, 2230106,2231714,2231715 Mobile No: 9307579874, 9307567182, 9272046725
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 **exam2.ycmou.digitaluniversity.ac** Ph: (0253) 2230058 / 2231479
Examination related grievances	The Controller of Examination **coe@ycmou.digitaluniversity.ac** 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**

19. 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 Sambhaji Nagar Region** YCMOU Regional Centre, Survey No.41, Near Military Hostel, Nandanwan Colony, Chhavni, 431002	Chhatrapati Sambhaji Nagar, Beed, Jalna, Dharashiv	rd_aurangabad@ycmou.digitaluniversity.ac (0240) 2371066, 2371077
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	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, Ravinagar Chouk, 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, City Survey No. 42/11, 12, 18 and 42/20, 21Yashoda Chowk, Balewadi, Pune 411 045 (परिपत्रक क्र.मा.यचममुवि/कुका-11/2026/50, दिनांक 25-05-2026)	Pune, Satara, Solapur	rd_pune@ycmou.digitaluniversity.ac (020) 29993044/ 29993045
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, Vasantrao Naik Mahavidyalay, Old Building, Cidco Road, Jawaharlal Nehru MSW Mahavidyalay and besides Sun Rise English Medium School, Cidco, New Nanded – 431 603. (जा.क्र.विभागीय केंद्र नांदेड/	Latur, Nanded, Parbhani, Hingoli	rd_nanded@ycmou.digitaluniversity.ac (02462) 229940, 283038

	2026/2467,दिनांक 13-05-2026)		

Appendix A: Instructions for creating the ABC –ID

Instructions for creating the Academic Bank of Credits –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.in wherein 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 of Credits-ID.

Appendix B- UGC Recognition (1992)

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 C: Admission for More than 1 Programme

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 D: Government of Maharashtra GR (1995)

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 पदासांठी 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.

Appendix E: Cyber Security course (Mandatory Audit Course)

Cyber Security Course (UG)-English (CSC101)

Component	Details
Course Title	Cyber Security Course (UG)
Course Code	CSC101
Mode of Delivery	Online – LMS Based (Self-learning modules, activities, assessments)
Language	English
Target Audience	Undergraduate Students (All Streams)
Assessment Pattern	Continuous Assessment (CA): 15 Marks University Assessment (UA): 35 Marks
Total Marks	50
Final Exam	Online MCQ Examination through LMS (Multiple Attempts)
Portal Link	https://cs.ycmouonline.ac.in/
Login Credentials	User ID: Student PRN Number Password: cs123
Course Objectives	1. To introduce basic concepts of cyber security and cyberspace. 2. To create awareness about cybercrimes and legal remedies. 3. To educate students on safe use of social media and digital payments. 4. To develop responsible digital behaviour and cyber hygiene.
Course Outcomes	1. Understand core concepts of cyber security and cyber threats. 2. Identify common cybercrimes and reporting mechanisms. 3. Apply best practices for social media and digital payment security. 4. Secure personal computers and mobile devices effectively.
Course Access Procedure	1. Visit the portal https://cs.ycmouonline.ac.in/ 2. Login using PRN and password (cs123) 3. Change password after first login 4. Continue → My Courses 5. Open Cyber Security Course
Important Instructions	• Course completion is mandatory before final exam • Internet connectivity required • Mobile: Minimum 4G • Laptop/Desktop: Minimum 600 Kbps

यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक
नॅक मानांकित 'अ' श्रेणी
ज्ञानगंगोत्री, गंगापूर धरणाजवळ, गोवर्धन
नाशिक – ४२२ २२२ (महाराष्ट्र) भारत
ज्ञानगंगा घरोघरी
Yashwantrao Chavan Maharashtra Open University, Nashik
NAAC Accredited 'A' Grade
Dnyangangotri, Near Gangapur Dam, Govardhan
Nashik - 422 222 (Maharashtra) India
संकेतस्थळ Website : •www.ycmou.ac.in •https://ycmou.digitaluniversity.ac
ई-मेल E-mail : dir_sol@ycmou.ac.in दूरध्वनी Telephone : (0253) 2230191
ऑनलाईन शिक्षण विद्याशाखा / School of Online Learning

SOOL/2024/386 Date: 18/12/2024

सायबर सुरक्षा अभ्यासक्रम (अनिवार्य ऑडीट कोर्स)

विद्यापीठ अनुदान आयोग (UGC) संदर्भ D.O.No.F.1-42/2022(e.Gov) 17th October, 2022 (परिशिष्ट पहा) च्या निर्देशानुसार तसेच २८/०५/२४ रोजी घेण्यात आलेल्या विद्वत परिषदेतील विषय ६३.३.१५.३ नुसार शैक्षणिक वर्ष २०२४-२५ पासून पदवी आणि पदव्युत्तर पदवी प्राप्त करण्यसाठी यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठाने सायबर सुरक्षा अभ्यासक्रम लागू केला आहे. या अभ्यासक्रमाची अंमलबजावणी शैक्षणिक वर्ष २०२४- २५ पासून केलेली आहे.

संरचना : सायबर सुरक्षा अभ्यासक्रम हा एक ऑडीट कोर्स असून त्यासाठी श्रेयांक नसले तरी तो शैक्षणिक वर्ष २०२४- २५ पासून पदवी व पदव्युत्तर स्तरावरील शिक्षणक्रमांना अनिवार्य करण्यात आला आहे. हा अभ्यासक्रम मराठी आणि इंग्रजी अशा दोन्ही भाषांमध्ये ऑनलाइन पद्धतीने उपलब्ध आहे. मूळ शिक्षणक्रम पूर्ण करण्यापूर्वी सायबर सुरक्षा अभ्यासक्रम उत्तीर्ण करणे आवश्यक आहे. तो उत्तीर्ण केल्यानंतर त्याचे स्वतंत्र प्रमाणपत्र देण्यात येईल. **सायबर सुरक्षा अभ्यासक्रमाची परीक्षा उत्तीर्ण झाल्यानंतरच विद्यार्थ्यांना त्यांच्या मुळ शिक्षणक्रमाचे प्रमाणपत्र मिळेल. (प्रमाणपत्र व पदविका शिक्षणक्रमाना हा अभ्यासक्रम लागू नाही.)**

कालावधी : हा अभ्यासक्रम पूर्ण करण्याचा कालावधी पदवी स्तरावरील शिक्षणक्रमांना ०३ वर्ष (नियुक्त कालावधी) तर पदव्युत्तर स्तरावरील शिक्षणक्रमासाठी ०२ वर्ष (नियुक्त कालावधी) आहे, तसेच ज्या शिक्षणक्रमाचा कालावधी (ग्रंथालय व महितीशास्त्र पदवी व पदव्युत्तर पदवी शिक्षणक्रम (B.Lib. & I. Sc. & M.Lib. & I.Sc.) एक वर्षाचा असेल त्यांना हा अभ्यासक्रम ०१ वर्षात पूर्ण करावा लागेल तसेच B.C.A सारख्या शिक्षणक्रमास direct दुसऱ्या वर्ष्यास प्रवेश घेणाऱ्या विद्यार्थ्यांना ०२ वर्षात पूर्ण करावा लागेल.

शुल्क : सायबर सुरक्षा अभ्यासक्रमाचे शुल्क रु. ५०० आहे. एकदा शुल्क भरल्यानंतर विद्यार्थ्यांकडून सदर अभ्यासक्रम उत्तीर्ण होईपर्यंत त्याच्याकडून कुठलेही शुल्क घेतले जाणार नाही. **(विद्यार्थ्याने प्रवेश केलेल्या मूळ शिक्षणक्रमाच्या व्यतीरिक्त हे शुल्क आहे.)**

नोंदणी : सदर अभ्यासक्रमाला नोंदणी करण्यासाठी विद्यार्थ्यांनी प्रवेश खाली दिलेल्या लिंकचा उपयोग करून ॲप डाउनलोड करावा व आवश्यक ती माहिती भरून अभ्यासक्रमाचे शुल्क भरावे.

(ॲप डाउनलोड करण्यासाठी विद्यापीठाने खाली दिलेल्या लिंकचा वापर करावा.)

Sr.No.	Mobile O.S	Link
1	Android	https://play.google.com/store/apps/details?id=org.mkcl.ycmoudu
2	IOS	https://apps.apple.com/in/app/ycmou-student/id6475083272

अध्ययन पद्धती : सायबर सुरक्षा अभ्यासक्रम ऑनलाईन पद्धतीचा MOOC (Massive Open Online Course) Yashex या ऑनलाइन प्लॅटफॉर्म (online platform) (https://yashex.mkcl.org/#/) वर उपलब्ध करून देण्यात आलेला आहे. सर्व अध्ययन साहित्य, व्हिडिओ व्याख्याने आणि मूल्यांकन, ऑनलाइन उपलब्ध आहे. हा स्व-अभ्यासक्रम आहे, त्यामुळे विद्यार्थी आपल्या सोयीप्रमाणे शिकू शकतात. त्यासाठी विद्यार्थ्यांना हा अभ्यासक्रम पूर्ण करण्यासाठी वरील दिलेल्या YCMOU Student App मोबाईल application वर नोंदणी केल्यानंतर लॉगीन आयडी (Login ID) व पासवर्ड (Password) विद्यार्थ्यांना इमेल (Email) व लघु संदेश (SMS) द्वारा पाठविण्यात येईल. विद्यार्थ्यांने सदर अभ्यासक्रम ऑनलाईन पद्धतीने पूर्ण करावा.

मूल्यमापन : सायबर सुरक्षा अभ्यासक्रमाची परीक्षा ऑनलाईन पद्धतीने Yashex या ऑनलाईन प्लॅटफॉर्म द्वारा अभ्यासक्रम पूर्ण झाल्यानंतर देता येईल.

परीक्षेचे स्वरूप : परीक्षा ऑनलाईन -MCQ (Multiple Choice Question) स्वरूपात असेल.

प्रो. माधव पळशीकर
संचालक, संगणकशास्त्र विद्याशाखा

इमरटस प्रोफेसर कविता साळुंके
संचालक, स्कूल ऑफ ऑनलाईन लर्निंग

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.F.1-42/2022(e.Gov) **17th October, 2022**

Subject: Regarding the implementation of Syllabus of Cyber Security Course at Undergraduate and Post Graduate level.

Respected Madam/Sir,

On the occasion of Cyber Jaagrookta Diwas, 06th October, 2022, the University Grants Commission (UGC) launched the Syllabus of Cyber Security Course at Undergraduate and Post Graduate levels **(https://www.ugc.ac.in/e-book/Cyber_Security/mobile/index.html).**

The syllabus aims to create more aware, responsive and responsible digital citizens, thereby contributing effectively to an overall healthy cyber security posture and ecosystem.

In view of the importance of cyber security and for propagating cyber hygiene amongst HEIs, you are requested to take necessary steps for implementation of the Syllabus of Cyber Security Course at Undergraduate and Post Graduate level in all the streams of your esteemed University and also in the affiliated/constituent Colleges.

With kind regards.

Yours sincerely,

(Rajnish Jain)

To

- **The Vice-Chancellors of all Universities**
- **The Principals of all Colleges**

Appendix F: List of Open Electives (OE)

List of Open Electives (OE)

- Learners can choose the OE of their choice from the list provided on the given link: **https://drive.google.com/drive/folders/1wQTdouKXZBzG7bHWhTR0dqd5NnwGFrmK**

- In Semester I and Semester II s/he hast to select two OEs in each semester.
- In Semester III and Semester IV s/he has to select one OE in each semester.
- A student has to select OE Courses from the above given link available at the University Level excluding OE courses offered by School of Computer Science.
- Updated **OE** courses may be available at the university level at the time of admission.

Appendix G: List of Co-Curricular Course (CC)

List of Co-Curricular Course (CC)

- Learners can choose the CC of their choice from the list provided.
- The Learner must choose one CC per semester from Semester I to Semester IV.

Semester I						
Course Code	**Course Name**	**Theory/ Practical /Project**	**Total Study Hours**	**Credit Points**	**Assessment Type**	**Passing Marks**
CCRX101	Health and Wellness-I	Practical	60	2	CA(20/50)	20/50
CCRX102	Yoga Education-I	Practical	60	2	CA(20/50)	20/50
CCRX103	Sports and Fitness-I	Practical	60	2	CA(20/50)	20/50
CCRX104	Cultural Activities-I	Practical	60	2	CA(20/50)	20/50
CCRX105	NSS-I	Practical	60	2	CA(20/50)	20/50
CCRX106	Fine/Applied/Visual/Performing Arts-I	Practical	60	2	CA(20/50)	20/50

Semester II						
Course Code	**Course Name**	**Theory/ Practical /Project**	**Total Study Hours**	**Credit Points**	**Assessment Type**	**Passing Marks**
CCRX107	Health and Wellness-II	Practical	60	2	CA(20/50)	20/50
CCRX108	Yoga Education-II	Practical	60	2	CA(20/50)	20/50
CCRX109	Sports and Fitness-II	Practical	60	2	CA(20/50)	20/50
CCRX110	Cultural Activities-II	Practical	60	2	CA(20/50)	20/50
CCRX111	NSS-II	Practical	60	2	CA(20/50)	20/50
CCRX112	Fine/Applied/Visual/Performing Arts-II	Practical	60	2	CA(20/50)	20/50

Semester III						
Course Code	**Course Name**	**Theory/ Practical /Project**	**Total Study Hours**	**Credit Points**	**Assessment Type**	**Passing Marks**
CCRX201	Health and Wellness-III	Practical	60	2	CA(20/50)	20/50
CCRX202	Yoga Education -III	Practical	60	2	CA(20/50)	20/50
CCRX203	Sports and Fitness-III	Practical	60	2	CA(20/50)	20/50
CCRX204	Cultural Activities-III	Practical	60	2	CA(20/50)	20/50
CCRX205	NSS-III	Practical	60	2	CA(20/50)	20/50
CCRX206	Fine/Applied/Visual/Performing Arts -III	Practical	60	2	CA(20/50)	20/50

Semester IV						
Course Code	**Course Name**	**Theory/ Practical /Project**	**Total Study Hours**	**Credit Points**	**Assessment Type**	**Passing Marks**
CCRX207	Health and Wellness-IV	Practical	60	2	CA(20/50)	20/50
CCRX208	Yoga Education-IV	Practical	60	2	CA(20/50)	20/50
CCRX209	Sports and Fitness-IV	Practical	60	2	CA(20/50)	20/50
CCRX210	Cultural Activities-IV	Practical	60	2	CA(20/50)	20/50
CCRX211	NSS-IV	Practical	60	2	CA(20/50)	20/50
CCRX212	Fine/Applied/Visual/Performing Arts -IV	Practical	60	2	CA(20/50)	20/50

Appendix H: UGC Public Notice

आचार्य मनिष र. जोशी
सचिव
Prof. Manish R. Joshi
Secretary

सत्यमेव जयते

आज़ादी का अमृत महोत्सव

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(शिक्षा मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)

F. No. 1-4/2024(DEB-I) pt.file **10th April, 2024/चैत्र 21, 1946**

PUBLIC NOTICE

Commission decision regarding prior approval/recommendation/NOC required from AICTE for offering Programmes under ODL and/ or Online mode from academic year 2024-25.

UGC (ODL Programmes and Online Programmes) Regulations, 2020 stipulates that the Higher Educational Institutions (HEIs) shall have prior approval or recommendation for the programmes falling under the ambit of the respective statutory or regulatory authority or regulatory council for offering the programmes in Open and Distance Learning (ODL) mode and/or Online mode, while submitting an application to the Commission.

In this regard, Commission in its 578th meeting held on 13th March, 2024 considered the letter received from AICTE regarding granting approval or recommendations to the State/Private Universities offering professional programmes in Technical and Management education in ODL/OL mode.

After detailed deliberations, Commission decided as under :-

"The Commission considered the communication received from AICTE stating that as per Hon'ble Supreme Court Judgement in Bharathidasan University and Another Vs. All India Council for Technical Education and Others (2001) 8 SCC 676, it is not mandatory for the State/Private Universities to take AICTE approval to run Technical programmes.

After detailed deliberations, the Commission decided that for Universities whether State or Central or Private, prior approval/recommendation/ NOC of AICTE shall not be required, as per UGC (ODL Programmes and Online Programmes) Regulations, 2020 for offering programmes in ODL and/or Online mode."

In view of the above, it is informed that Central, State and Private Universities shall not require prior approval/recommendation/NOC from AICTE along with their application to UGC for offering of Undergraduate, Postgraduate and Postgraduate diploma programmes under the disciplines of Management, Computer Application and Travel and Tourism in ODL and/or Online mode. However, Deemed to be Universities shall continue to require prior approval/recommendation/ NOC of AICTE for offering of such programmes in ODL and/or Online mode, before submitting their application to the Commission.

बहादुरशाह जफ़र मार्ग, नई दिल्ली-110002 | Bahadur Shah Zafar Marg, New Delhi-110002
Ph.: 011-23236288/23239337 | E-mail : secy.ugc@nic.in

CONTINUATION SHEET

Further, programmes under the domain of AICTE mentioned in provision 2(z) of UGC (ODL Programmes and Online Programmes) Regulations, 2020, shall remain prohibited, until the receipt of approval/ recommendation/ NOC from AICTE for the consideration of the Commission.

Note:- It is also informed that UGC public notice F. No. 1-1/2024 vide 23rd January, 2024 regarding approval/recommendation from AICTE for offering UG Programmes in Management and Computer Application under ODL mode and/or Online mode from academic year 2024-25, academic session July-August, 2024 shall be valid only for Deemed to be Universities.

(Manish Joshi)

"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://www.ycmou.ac.in