

**School of Architecture, Science and Technology (AST)
Yashwantrao Chavan Maharashtra Open University**

**Prospectus 2021
for
Diploma, UG, PG & PhD
Programmes**

**Essential Information about all Academic Programmes
from School of Architecture, Science and Technology**

2021

Website: <http://www.ycmou.ac.in/>

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AST, YCMOU, Nashik - 422 222, MH, India

AST SCHOOL PROGRAMME CALENDAR

Note: Due to Covid 19 Pandemic all over world and in India, the University and this School will follow the Programme Calendar declared by UGC New Delhi time to time.

Teaching-Learning of students shall start from 01-Sep. every year.

SN	Activity Description	Yearly Pattern/Odd semesters like 01, 03, 05 and 07 From 01-Sep Till 31-Jan	Even semesters like 02, 04, 06 and 08 From 01-Feb Till 31-Jul
Admission: offered on Annual basis collectively for 2 semesters in each academic year.			
01	Fresh and Further Yearly Admission	From June Till Aug	NA
Teaching – Learning			
02	Teaching – Learning (16 Weeks) & Backlog Clearing	From 01-Sep Till 21-Nov	From 01-Feb Till 23-May
End Exam (EE) Form Submission (Required only for Repeater Students)			
03	Online EE Form Submission by SCs/ students at University	On or Before 21-Oct	On or Before 23-Apr
Continuous Assessment (CA) Submission			
05	CA Availability	From 01-Sep Till 21-Nov	From 01-Mar Till 23-May
06	CA Submission by Students	From 01-Nov Till 30-Nov	From 01-May Till 31-May
End Examination (EE)			
07	End Exam for Theory Courses	From 25-Nov to 05-Dec	From 25-May to 05-Jun
08	EE for Activity Courses (Pr, TW, PW, STW, SV)	Immediately after the last day of end exam for theory courses, but positively before 15-Dec	Immediately after the last day of end exam for theory courses, but positively before 15-Jun
10	End Exam Result Declaration	On or Before 31-Jan	On or Before 31-Jul
Semester End Vacation			
11	Semester End Vacation	Jan	July

WITHDRAWN PROGRAMMES DETAILS

Schedule of Last Further Admission Time Slot and End Exam for **Withdrawn Programmes (Total 13 Nos)**

SN	Programme Details	Last Further Admission Time Slot	Last End Exam
Architecture and Design UG: 02, Total: 02			
01	V28: B.Des. {2014 Pattern} 4 Years duration, Withdrawn in 2018	During Jun-Aug 2022	Nov-Dec 2024
02	V22: B.Arch. (General) {2010 Pattern}:5 Years duration, withdrawn in 2016	During Jun-Aug 2021	Nov-Dec 2023
Science PG Diploma:01, UG: 03, PG: 03, Total: 07			
01	T105: Post Graduate Diploma in Statistics (PGDS) {2019 Pattern}: 1 Year duration, withdrawn in 2021	During Jun-Aug 2022	May-Jun 2023
02	T82: B.Sc.(Bio-Technology) {2015 Pattern}: 3 Years duration, withdrawn in 2016	During Jun-Aug 2019	Nov-Dec 2021
03	V45- B.Sc. (Actuarial Science) {2015 Pattern}:3 Years duration, withdrawn in 2016	During Jun-Aug 2019	Nov-Dec 2021
04	V96- B.Sc. (Actuarial Science) {2016 Pattern}:3 Years duration, withdrawn in 2019	During Jun-Aug 2022	Nov-Dec 2024
05	V46: M.Sc. (Actuarial Science) {2015 Pattern} withdrawn in 2019	During Jun-Aug 2021	May-Jun 2023
06	V57: M.Sc. (Mathematics) {2015 Pattern} withdrawn in 2019	During Jun-Aug 2021	May-Jun 2023
07	V58: M.Sc. (Environmental Science) {2015 Pattern}: 2 Years duration, withdrawn in 2021	During Jun-Aug 2023	May-Jun 2025
Technology and Engineering Diploma: 03, UG: 01, Total: 04			
01	V55: Diploma in Electrical Engg.{2014 Pattern}: 3 Years Duration, withdrawn in 2016	During Jun-Aug 2019	Nov-Dec 2021
02	V62: Diploma in Mechanical Engg. {2012 Pattern}: 4 Years Duration, withdrawn in 2016	During Jun-Aug 2020	Nov-Dec 2022
03	V63: Diploma in Electronics and Telecommunication Engg. {2012 Pattern}: 4 Years Duration, withdrawn in 2016	During Jun-Aug 2020	Nov-Dec 2022
04	V61- B.Tech. (Marine Engg) {2012 Pattern}:4 Years duration, withdrawn in 2015	During Jun-Aug 2020	May-Jun 2022



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Price: Free Download from Website. No Print Copy.

First Publication: 07, July 2021,

Typesetting: AST School, YCMOU, Nashik

Publisher: Dr. Sunanda More, Director, AST School, YCMOU, Nashik

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MESSAGE FROM DIRECTOR

Greetings to all !!!

The India's great social leader and thinker **Dr. B. R. Ambedkar** expressed the importance of education as "***We may forgo material benefits of civilization, but we cannot forgo our right and opportunity to reap the benefits of the highest education to the fullest extent.***" Education helps to develop knowledge, abilities and skills required to understand various subjects to perform trade and profession.

The **School of Architecture, Science and Technology (AST)** was established in 1989 to provide innovative and high quality cost effective education in Architecture, Science and Technology disciplines relevant to present needs of Society and Learners with better academic quality and student support services. This School currently, do not offer programmes from Architecture and Technology Disciplines.

Presently, this School offers Diploma, UG, PG and PhD Programmes in Science Discipline with the challenge of imparting good quality theoretical and practical education in four science disciplines, namely, Physics, Chemistry, Mathematics, Statistics and Life Sciences. These programmes from Science disciplines are approved by the UGC New Delhi. This School fully comply "UGC ODL Programmes Regulations".

All the programmes of this School are designed and developed with comprehensive approach from the renowned subject experts to ensure the quality, norms and standards of the education and examinations. Self-Learning Material (SLM)/ Textbooks/ Lab Manuals, Audio-Video Lectures etc in easy to understand format is developed by the School for the learners and is made available in soft copy format from day one at our University website. This School has adopted this policy for the conservation of our global environment. Due to this policy, this School have kept lower fees for the academic programmes.

Teaching-learning for theory, practical conduction and project work, etc for the learners is held as per the UGC norms in face-to-face mode by the qualified and experienced counsellors working at the recognized Study Centers/ Learner Support Centers; which are mainly Senior Science Colleges for the programmes from Science Discipline. Periodical Evaluation and Grading of the Study Centers/ Learner Support Centers is done by this School to ensure academic quality to impart teaching-learning to the learners by them.

Nearly 10,000 learners are enrolled for Science programmes of this School and the quality of our pass-out students is highly satisfactory with regards to the purpose of education.

I appeal you to experience best quality education from our YCM Open University!!!

Dr. Sunanda Arun More
Director,
School of Architecture, Science & Technology

ABOUT 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**.

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 Amaravati, Aurangabad, Kolhapur, Mumbai, Nagpur, Nanded, Nashik, Pune and **several Study Centers (SCs)** only within the Maharashtra state.

LEARNER SUPPORT CENTERS / STUDY CENTERS 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 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, Study Centers and other stake holders **are advised to always refer website for latest updated copy** of this prospectus.

ABOUT SCHOOL

The School of '**Architecture, Science and Technology**' is one of the eighth School of the University. This School offers academic programmes from 'Architecture, Science and Technology' disciplines.

Responsibilities of the School

This School is responsible for following various activities.

- Design and development of various need based academic programmes
- Development of syllabus
- Development of Self Study Learning Material
- Development of Audio-Video Lectures
- Support to SSD for Study Center Management
- Support to Evaluation Division for Paper Setting and QB development activities
- Support to Examination Division for Assessment Activities
- Academic and administrative support to students
- Support to Regional and Study Centers
- Conduction of training/ workshop for course writers/ editors/ counselors
- Systemic research and programme evaluation
- Faculty development and research activities

VISION

The School of Architecture, Science and Technology will offer educational programmes in Architecture, Science and Technology discipline using such operational and Academic principles that optimize:

- Academic Quality
- Relevance to present needs of Industry, Society and Learners.
- Time Quality
- Cost-effectiveness for learners and the University.

MISSION

Quality Education, with cost effectiveness, anywhere, anytime!

PROGRAMME INFORMATION AT A GLANCE

The following **26** Academic Programmes are from the School of Architecture, Science & Technology during academic year **2021-22**.

Level	Programmes of Offer (13) Admission and/ or Examination: Fresh Yes , Further Yes New SC Recognition: Yes	Withdrawn Programmes (13) Admission and/ or Examination: Fresh No , Further Yes New SC Recognition: No
Design(0) (1)		
UG (0)(1)	-	V28: B.Des. {2014 Pattern}
Skill (1) (0)		
Diploma (1)(0)	T101: Diploma in Essential Skills (DES) {Learn & Earn 2019 Pattern}	-
Science (12)(07)		
Diploma (2)(0)	V135: Diploma in Environmental Science {2021 Pattern} V137: Diploma in Statistics {2021 Pattern}	-
Post Graduate Diploma (0)(1)	-	T105: Post Graduate Diploma in Statistics (PGDS) {2019 Pattern}
UG (1)(3)	V92: B.Sc. (Phy,Che,Maths) {2015 Pattern}	T82: B.Sc. (Bio-Technology) {2015 Pattern} V45: B.Sc. (Actuarial Science) {2015 Pattern} V96: B.Sc. (Actuarial Science) {2016 Pattern}
PG (6)(3)	V130: M.Sc. (Mathematics) {2021 Pattern} V131: M.Sc. (Physics) {2021 Pattern} V132: M.Sc. (Chemistry) {2021 Pattern} V133: M.Sc. (Zoology) {2021 Pattern} V134: M.Sc. (Botany) {2021 Pattern} V136: M.Sc.(Environmental Science) {2021 Pattern}	V46: M.Sc. (Actuarial Science) {2021 Pattern} V57: M.Sc. (Mathematics) {2021 Pattern} V58: M.Sc. (Environmental Science) {2021 Pattern}
Ph.D. (3)(0)	R91: Ph.D. (Chemistry) R92: Ph.D. (Environmental Science) R41 : Ph.D. (Geology)	-
Architecture (0) (01)		
UG (0)(1)	-	V22: B.Arch. (General) {2010 Pattern}
Engineering and Technology (0) (04)		
Diploma (0)(3)	-	V55: Diploma in Electrical Engineering (DEE) {2014 Pattern} V62: Diploma in Mechanical Engineering (DME) {2012 Pattern} V63: Diploma in Electronics and Telecommunication Engineering (DETE) {2012 Pattern}
UG (0)(1)	-	V61: B.Tech. (Marine Engineering) {2012 Pattern}

ABOUT PROGRAMMES

ATTENDANCE

For all academic programmes regular and full attendance for all counseling sessions is highly recommended for better chances of successful completion of the course. Normally, minimum **80% attendance shall be essential** for counseling sessions for all courses.

Successful completion of all specified activities for Studio Term-Work (STW), Term-Work (TW), Studio Viva (SV), Practical (P) or Project-Work (PW) courses and its certification by the respective counselor at study center and Programme coordinator shall be essential before the end exam of that Studio Term-Work (STW), Term-Work (TW), Studio Viva (SV), Practical (P) or Project-Work (PW) course.

DEGREE EQUIVALENCE STATUS

All these degree and post-graduate degree programmes are duly recognized and approved by the "University Grant Commission (UGC)". Approval status is available at UGC Website under the Distance Education Bureau (DEB) of UGC at (ugc.ac.in) at <https://www.ugc.ac.in/pdfnews/FINAL%20RECOGNITION%20STATUS%2008-05-2019.pdf> on Pages 45 to 48 of 95 and

https://www.ugc.ac.in/pdfnews/6032587_DEB-ODL-LIST.pdf on Page 7 of 9

The legal status of this university is at par with all other statutory universities of India.

Equivalence related all relevant documents of all programmes of this School are available at the University website at School page at

<https://drive.google.com/open?id=1tOtFcSxJdVnJMku7kQybuok9d2J6dOYi>

SELF-INSTRUCTIONAL LEARNING MATERIAL POLICY

"**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. In short, SLM means study material.

Depending upon the nature of the programs the study material are 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.**

As per the University policy, this School shall provide study material **wherever possible in print format or in electronic format only for the programs on offer.** The study material in electronic format shall be made available for **free download under eBooks at the University Website at <http://www.ycmou.ac.in>** is available at under the web link of School of Architecture, Science and Technology.

DEFINITIONS

In this document, unless the context otherwise requires, following definitions shall apply.

GENERAL

1. "**University**" means - Yashwantrao Chavan Maharashtra Open University, located at Nashik, Maharashtra, India.
2. "**Act**" means - Act XX-(1989) (Amended by Act No XII of 2003) of the Maharashtra State Legislature.

3. "**Academic Year**" means - duration of 1 year which **starts** from **01-Sep** and **ends on 31-Jul**.
4. "**Semester**" means - Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. Thus, it is a group of some courses, which are offered during a time block of 6 months.
 - a. Odd numbered semesters like 01, 03, 05 ... **starts from 01-Sep** and **ends on 31-Jan**.
 - b. Even numbered semesters like 02, 04, 06 ... **starts from 01-Feb** and **ends on 31-Jul**.
5. "**Session**" means - a time slot for a particular activity. Duration of counseling session is 60 or 180/240 minutes, while for end examination it is either 180 or 240 minutes.

Course Types	Session Duration in Min for Counseling Session	Session Duration in Min for End Exam
Theory Courses	60	180
Studio Courses	180 / 240	180 / 240
Practical Courses	180 / 240	180 / 240
Project-Work Courses	40 / 60	180 / 240

6. "**Batch**" means - a group of students.

Course Types	Batch for Counseling Session	Batch for End Exam
Theory Courses	Architecture: 40 Science: 60/ 120 Technology: 60	30
Studio Term-Work or Studio Viva Courses	Architecture: 20	20
Term Work or Practical Course	Science: 30 Technology: 30	20
Project-Work Courses	Architecture: 10 Science: 15 Technology: 15	10

PROGRAMMES AND COURSES

1. "**Choice Based Credit System (CBCS)**": The CBCS provides choice for students to select from the prescribed courses (core, elective or minor or soft skill courses).
2. "**Credit Based Semester System (CBSS)**": Under the CBSS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of number of credits to be completed by the students.
3. "**Credit**" means - number of study hours, in multiples of 30 clock hours that an average learner has to devote for effective learning. Thus, for 1 CR, an average learner has to devote 30 clock hours to successfully complete the study of the course. Study includes several activities like reading books, taking notes, solving problems, undergoing tests, performing experiments in laboratories, thinking, etc. It is a unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
4. "**Academic Programme**" means - a collection of correlated courses, which one must successfully complete in order to earn a certification by the university. Certification may be by certificate, diploma, advance diploma, graduate degree, postgraduate diploma, postgraduate degree or doctoral degree.

- a. **“Programmes on Offer”** are those programmes where fresh admission to new prospective students is **offered along with** further admissions to already enrolled students.
 - b. **“Withdrawn Programmes”** are those programmes where fresh admission to new prospective students **is not offered along with** further admissions to already enrolled students.
5. **"Courses"** means - any single component of an academic programme (usually called as subjects) which one has to successfully complete, in order to earn a certification by the university. Courses may be of different types like theory, practical, Term-Work, studio Viva or project work. Each course is given a unique course code.
 6. **"Backlog Course"** means – any course where student is admitted by the university but student could not successfully complete the course in the first compulsory end exam attempt.

STUDY CENTERS

1. **"Learner Support Center/ Study Center"** means - a place where the students attend the face-to-face counseling sessions for theory courses in classroom and conduct practical and/ or project type of activities in the laboratories and get other relevant services like Internet access, admission, examination and communication with university head office.
2. **"Programme Coordinator"** means - a person in charge of the administrative and academic affairs at the study center. He plans the availability of counselors, looks after the distribution of learning resource from library, arranges and coordinates counseling sessions, etc.
3. **"Study Center Head"** means - the head of the study center who is normally the principal of the institution, where study center is located. He may not participate in the day to day activities of the study center, but will play an active role in case of any serious problem at the study center.

ADMISSION

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 Fee (UF)’ for both semesters which also include the ‘Exam Fee (EF)’ for the first compulsory attempt for end exam for all courses at both semesters.
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 netbanking/ credit or debit card.
3. **"OnlineFurther 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 **OnlineFurtherAdmission**. The students have to complete similar process as mentioned for the Fresh Admission. Student can select another study center 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 registration period.** The university assigns unique 'Student ID' to each student. The university also assigns unique 'Permanent Registration Number (PRN)' to each student when he/she is registered for the academic programme during the first fresh admission.
5. "**Registration Period**" means - consecutive 5 semesters (2½ years), which starts from the semester to which student's admission is confirmed by the university. Only within valid registration period, students are allowed to attend counseling sessions at the allotted study center. **Extension of registration period shall not be allowed.**

COUNSELING

1. "**Counseling Sessions (CS)**" means –Face-To-Face classroom sessions conducted at study centers, 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 studio activities or project work in study center laboratory or studio. 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 SC, who conducts counseling sessions and helps the students in solving their difficulties. He also helps the students to perform practical or studio activities or project work in study center laboratory or studio.
3. "**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 and Peer Assessment.
4. "**On-Job Training**" means – daily or periodic assigned work which student need to perform at his/ her allotted industry or business unit as per the Apprentice Act Normally 08 Hrs of "On Job Training" during **each** of 26 Work days need to be completed by the students.

REQUIRED COUNSELLING SESSIONS

Following table indicate **minimum** number of face-to-face counseling sessions which must be arranged by the Study Center for **each** course during **each** semester.

Level	Programmes	For each Theory Type of Course (Subject) of 4 Credits Duration of each counseling session shall be 01 Clock Hour	For each Activity Type of Course (Subject) of 4 Credits Duration of each counseling session shall be 02 Clock Hour
Dip	T101: Diploma in Essential Skills (DES) {Learn & Earn 2019 Pattern}	12	08 Hrs of "On Job Training" per day for all working days during each Semester

	V135: Diploma in Environmental Science {2021 Pattern}	12	12
	V137 :Diploma In Statistics {2021 Pattern}	12	12
UG	V92: Bachelor of Science (Phy, Che, Maths) {2015 Pattern}	12	12
PG	V130: M.Sc.(Mathematics) {2021 Pattern}	12	12
	V131: M.Sc. (Physics) {2021 Pattern}	12	12
	V132: M.Sc. (Chemistry) {2021 Pattern}	12	12
	V133: M.Sc. (Zoology) {2021 Pattern}	12	12
	V134: M.Sc. (Botany) {2021 Pattern}	12	12
	V136: M.Sc.(Environmental Science) {2021 Pattern}	12	12
PhD	R91:Ph.D. (Chemistry)	12	Not Applicable
	R92:Ph.D. (Environmental Science)	12	Not Applicable
	R41:Ph.D. (Geology)	12	Not Applicable

EXAMINATION

FROM 2010 PATTERN ONWARDS

1. "**Continuous Assessment (CA)**" means - '**Open-Book Formative Evaluation without supervision**' by the Counselor for the respective course at each study center. CA for each credit point block shall be for 5 marks only.
2. "**End Examination (EE)**" means - '**Closed-Book Summative Evaluation under supervision**', which is an examination conducted by the University at the designated 'Exam Centers' under supervised conditions, at the end of the each semester for all courses. EE for each credit point block shall be for 20 marks only.
3. "**EE Attempt**" means - option offered by the university to the student, for choosing to appear in any end examination of any course for which respective student's admission is confirmed by the university. EE attempts are counted for each option offered by the university to the student, **irrespective of whether student actually chooses to appear in end exam or not.**
4. "**Exam Form**" means - the prescribed format of application for the "repeat end exam attempt" which may require for successful completion or performance improvement. **Only repeater students are required to submit exam form**, along with the payment for specified 'Exam Fee (EF)'. All exam forms must reach university only during the specified duration.
5. "**Short Answer type Question (SAQ)**" means - a supply type question of 5 marks, which requires typical answer of about 15 lines ($\approx \frac{1}{2}$ Pages) in about 08-10 minutes. Students do not have choice of answering as he/she is required to answer 1 SAQ on **each**

credit in 'Continuous Assessment (CA)' and out of 5 SAQs 4 SAQs on **each** credit in 'End Exam (EE)' for any theory type of course.

6. **"Total Marks (TM)":** 'Total Marks (TM)' shall be sum of "Continuous Assessment (CA)" marks and "End Examination (EE)" marks acquired by the student in each course.

SUCCESSFUL COMPLETION OF COURSE OR PROGRAMME

1. **"Successful Completion of the Course"** means - either course is exempted or student gets **minimum specified or better** total marks or grade, either in end examination of that course or by credit transfer.
 - a. A student obtaining grade **"F"** shall be considered failed and will be required to reappear in the examination.
 - b. **"P"** (Pass) letter grade required for successful completion of the **each** course
2. **"Successful Completion of the Programme"** means –**all** courses at **all** semesters are **successfully completed**:
 - a. Student should acquire **minimum 50% aggregate** percentage of marks at **all** courses at **all** reporting semesters for programmes listed below:
 - i. For all V22, V28 programmes from "Architecture and Design" discipline **and**
 - ii. V45, T82 programmes from "Science" discipline **and**
 - iii. V55, V61, V62, V63 programmes from "Engineering and Technology" discipline **and**
 - iv. all other "Withdrawn Programmes" from earlier Patterns
 - b. Student should acquire **minimum 35% aggregate** percentage of marks at **all** courses at **all** reporting semesters for programmes listed below:
 - i. For all T101, T105 and V137 programmes from "Skill and Science" discipline
 - c. Student should acquire **minimum 40% aggregate** percentage of marks at **all** courses at **all** reporting semesters for programmes listed below:
 - i. For all V92, V96, V57, V58, V46, R83, R85, R41, V130, V131, V132, V133, V134, V135 and V136 programmes from " Science" discipline
 - d. Student should acquire **minimum "P"** (Pass) letter grade (**55.00% Marks**) for **all** courses of PhD course work for (2019 Batch)
 - i. For all R91, R92 and R41 programmes from "Science" discipline

GRADING 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 students 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 "o (Zero)" for Letter Grade "Ab" and "F". For Letter Grades "C", "B", "B+", "A", "A+", "O", Grade Point shall be "**one tenth of marks percentage at each or all reporting semesters**" rounded to nearest integer.

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

4. “**Credit Point**”: It is the product of grade point and number of credits for a course.
5. “**Semester Grade Point Average (SGPA)**”: It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
6. “**Cumulative Grade Point Average (CGPA)**”: It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
7. “**Transcript or Grade Card or Certificate**”: Based on the grades earned, a grade certificate shall be issued to all the registered students 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**.

PROGRAMME INFORMATION AT A GLANCE

ABBREVIATIONS USED

Following abbreviations (arranged alphabetically) are used:

1. **AAFA**: “Annual Admission Form Amount” for **each** year, which is payable amount along with the Admission Form. It **includes** University Programme Fee for 2 semesters/ one year in an academic year. University Programme Fee also **includes** exam fee for the first compulsory end exam attempt for all courses at both semesters.
2. **AE**: Admission Eligibility
3. **Apvl**: Approvals from Statutory Authorities
4. **C**: Category of Programme
5. **CBCS**: Choice Based Credit System
6. **CA**: Continuous Assessment
7. **CE**: Certification Eligibility
8. **EE**: End Examination
9. **EF**: Exam Fee is payable to university along with the ‘Exam Form’, for **each** repeat end exam attempt.
10. **Grading**: 10 Point Grading is used for result declaration
11. **L**: Level of Programme
12. **LD**: Library Deposit is refundable. For Indian Citizen Students, LD shall be ₹ 2000, payable to allotted study center.
13. **M**: Open and Distance Learning (ODL) Mode is used for Teaching-Learning of Programmes on offer
14. **MA**: Maximum number of Attempts

15. **MDP:** Minimum Duration of Programme
16. **MoI:** Medium of Instruction of Programme
17. **MRA:** Minimum Required Attendance for Programme
18. **NA:** Not Applicable
19. **ODL:** Open Distance Learning
20. **P:** Pattern (Semester / Annual) of Programme
21. **PG:** Post-Graduate
22. **PGD:** Post-Graduate Diploma
23. **RS:** Reporting Semesters/ Year
24. **RY:** Reporting Year
25. **SCF:** Study Center Fee for **each** Year
26. **Sem:** Semester
27. **Sylb:** Syllabus is available on the University website at www.ycmou.ac.in
28. **Total:** Total Fee for each semester
29. **UPF:** University Programme Fee for each Year which also **includes** exam fee for the first compulsory end exam attempt for all courses at each semester/Year.
30. **UG:** Under-Graduate
31. **VRP:** Valid Registration Period for each Semester is consecutive 03 semesters

PROGRAMMES ON OFFER

For all “Programmes on Offer” (**Total 13 Programmes**):

1. Fresh Admissions **shall be offered**
2. Further Admissions **shall be offered**

Statistical Information about Programmes on Offer:

Discipline → Level ↓	Skill	Science	Total
Diploma	1	2	3
PGDip	0	0	0
UG	0	1	1
PG	0	6	6
PhD	0	3	3
Total	1	12	13

ESSENTIAL REQUIREMENT FOR ADMISSION:

1. **Age:** Student shall be of **18 Yrs** of age at the time of admission to any Programme on offer
2. **MoI:** Medium of Instruction is **English** for all Programmes on offer
3. **MRA:** Minimum Required Attendance is 80% for all Programmes on offer

SKILL PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Admission: Annual admission in each year	Examination		
Diploma (1 Programme)						
T101: Diploma in Essential Skills (DES) {Learn & Earn 2019 Pattern} Sem:2 Credits: 48 Courses: 10	CBCS: NA Grading: Yes C: General Skill L: Diploma P: Semester MDP: 1 year after SSC Apvl: NA	For each Year		AE: Fresh: SSC (10 th) or eq (Like YCMOU Prep) Pass. Further: NA.	CE: Min 40% RS: Sem 01& 02 MA: CA: Only 01 Attempt during each semester EE: Single EE attempt during each semester till last end exam, if specified	
		Desc	Amount			
		UPF	1600			
		SCF	Nil			
		Total	1600			

SCIENCE PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination		
Diploma (2 Programmes)						
V135: Diploma in Environmental Science {2021 Pattern} Sem:2 Credits: 32 Courses: 08	CBCS: NA Grading: Yes C: General L: Diploma P: Semester MDP: 1 year after UG Apvl: NA	For each Year		AE: Fresh: B.Sc./ B.Sc. (Agri)/B.E./ B.Tech./ B. Pharm Graduate Degree or Equivalent pass. Further: NA	CE: Min 40% RS: Sem 01 & 02 MA: CA: Only 01 Attempts during each semester EE: Single EE attempt during each semester till last end exam, if specified	
		Desc	Amount			
		UPF	6100			
		SCF	12000			
		Total	18100			
V137 : Diploma In Statistics {2021 Pattern} Sem:2 Credits: 32 Courses: 08	CBCS: NA Grading: Yes C: General L: Diploma P: Semester MDP: 1 year after UG Apvl: NA	For each Year		AE: Fresh: Any Degree/Under-Graduate Pass from recognized University. Further: NA	CE: Min 40% RS: Sem 01& 02 MA: CA: Only 01 Attempts during each semester EE: Single EE attempt during each semester till last end exam, if specified	
		Desc	Amount			
		UPF	2000			
		SCF	2000			
		Total	4000			
Under-Graduate Degree (1 Programme)						
V92: B.Sc. (Phy, Che, Maths) {2015 Pattern} Sem: 6 Credits: 132 Courses: 42	CBCS: Yes Grading: Yes C: General L: UG P: Semester MDP: 3 years after HSC Apvl: UGC	For each Year		AE: Fresh: 10+2 (12th) Science Pass (with Maths) or Passed in 10+3 or 12+2 Years Engg Diploma approved by Univ/ Board	CE: Min 40% RS: Sem 05 & 06 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified	
		Desc	Amount			
		UPF	2100			
		SCF	4000			
		Total	6100			
		For each Year				
		AAFA	2100			
Post-Graduate Degree (6 Programmes)						

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination								
V130: M.Sc. (Mathematics) {2021 Pattern} Sem: 4 Credits: 80 Courses: 20	CBCS: No Grading: Yes C: General L: PG P: Semester MDP: 2 years after Any BSc with Maths upto Second year/ BA with Maths/ BE/ BTech or Degree or Equivalent pass Apvl: UGC	For eachYear <table border="1"><thead><tr><th>Desc</th><th>Amount</th></tr></thead><tbody><tr><td>UPF</td><td>6000</td></tr><tr><td>SCF</td><td>6000</td></tr><tr><td>Total</td><td>12000</td></tr></tbody></table>	Desc	Amount	UPF	6000	SCF	6000	Total	12000	AE: Fresh: Any BSc with Maths upto Second year/ BA with Maths/ BE/ BTech or Degree or Equivalent pass Further: NA	CE: Min 40% RS: Sem 03 & 04 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
Desc	Amount											
UPF	6000											
SCF	6000											
Total	12000											
V131: M.Sc.(Physics) {2021 Pattern} Year: 2 Credits: 48 Courses: 16	CBCS: No Grading: Yes C: General L: PG P: Year MDP: 2 years after B.Sc. (PCM)/ B.Sc. with Physics at FY and SY/ B.Sc.(Electronics)/ B.E./B. Tech. Degree or Equivalent pass Apvl: UGC	For eachYear <table border="1"><thead><tr><th>Desc</th><th>Amount</th></tr></thead><tbody><tr><td>UPF</td><td>8000</td></tr><tr><td>SCF</td><td>12000</td></tr><tr><td>Total</td><td>20000</td></tr></tbody></table>	Desc	Amount	UPF	8000	SCF	12000	Total	20000	AE: Fresh: B.Sc. (PCM)/ B.Sc. with Physics at FY and SY/ B.Sc.(Electronics)/ B.E./B. Tech. Degree or Equivalent pass Further: NA VRP: 60 Months	CE: Min 40% RY: Year 02 MA: CA: Max Single Attempt EE: Single EE attempt during each year till last end exam, if specified
Desc	Amount											
UPF	8000											
SCF	12000											
Total	20000											
V132: M.Sc.(Chemistry) {2021 Pattern} Year: 2 Credits: 48 Courses: 16	CBCS: No Grading: Yes C: General L: PG P: Year MDP: 2 years after B.Sc. (PCM)/ B.Sc. with Chemistry at FY and SY or Equivalent pass Apvl: UGC	For eachYear <table border="1"><thead><tr><th>Desc</th><th>Amount</th></tr></thead><tbody><tr><td>UPF</td><td>8000</td></tr><tr><td>SCF</td><td>12000</td></tr><tr><td>Total</td><td>20000</td></tr></tbody></table>	Desc	Amount	UPF	8000	SCF	12000	Total	20000	AE: Fresh: B.Sc. (PCM)/ B.Sc. with Chemistry at FY and SY or Equivalent pass Further: NA VRP: 60 Months	CE: Min 40% RY: Year 02 MA: CA: Max Single Attempt EE: Single EE attempt during each year till last end exam, if specified
Desc	Amount											
UPF	8000											
SCF	12000											
Total	20000											
V133: M.Sc. (Zoology) {2021 Pattern} Year: 2 Credits: 48 Courses: 16	CBCS: No Grading: Yes C: General L: PG P: Year MDP: 2 years after B.Sc. with Zoology at FY and SY/ B.Sc. (Agri) Degree or Equivalent pass Apvl: UGC	For eachYear <table border="1"><thead><tr><th>Desc</th><th>Amount</th></tr></thead><tbody><tr><td>UPF</td><td>8000</td></tr><tr><td>SCF</td><td>12000</td></tr><tr><td>Total</td><td>20000</td></tr></tbody></table>	Desc	Amount	UPF	8000	SCF	12000	Total	20000	AE: Fresh: B.Sc. with Zoology at FY and SY/ B.Sc.(Agri) Degree or Equivalent pass Further: NA VRP: 60 Months	CE: Min 40% RY: Year02 MA: CA: Max Single Attempt EE: Single EE attempt during each year till last end exam, if specified
Desc	Amount											
UPF	8000											
SCF	12000											
Total	20000											
V134: M.Sc. (Botany) {2021 Pattern} Year: 2 Credits: 48 Courses: 16	CBCS: No Grading: Yes C: General L: PG P: Year MDP: 2 years after B.Sc. with Botany at FY and SY/ B.Sc.(Agri) Degree or Equivalent pass Apvl: UGC	For eachYear <table border="1"><thead><tr><th>Desc</th><th>Amount</th></tr></thead><tbody><tr><td>UPF</td><td>8000</td></tr><tr><td>SCF</td><td>12000</td></tr><tr><td>Total</td><td>20000</td></tr></tbody></table>	Desc	Amount	UPF	8000	SCF	12000	Total	20000	AE: Fresh: B.Sc. with Botany at FY and SY/ B.Sc.(Agri) Degree or Equivalent pass Further: NA VRP: 60 Months	CE: Min 40% RY: Year 02 MA: CA: Max Single Attempt EE: Single EE attempt during each year till last end exam, if specified
Desc	Amount											
UPF	8000											
SCF	12000											
Total	20000											
V136: M.Sc. (Environmental Science) {2021 Pattern} Sem: 4 Credits: 64 Courses: 16	CBCS: No Grading: Yes C: General L: PG P: Semester MDP: 2 years after B.Sc./B.Sc.(Agri)/B.E./B.Tech./B. Pharm. Degree or Equivalent pass Apvl: UGC	For eachYear <table border="1"><thead><tr><th>Desc</th><th>Amount</th></tr></thead><tbody><tr><td>UPF</td><td>6100</td></tr><tr><td>SCF</td><td>12000</td></tr><tr><td>Total</td><td>18100</td></tr></tbody></table>	Desc	Amount	UPF	6100	SCF	12000	Total	18100	AE: Fresh: B.Sc./B.Sc.(Agri)/B.E./B.Tech./B. Pharm. Degree or Equivalent pass Further: NA	CE: Min 40% RS: Sem 03 & 04 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
Desc	Amount											
UPF	6100											
SCF	12000											
Total	18100											
Ph.D. Degree (3 Programmes)												

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination
R91: Ph.D. (Chemistry) {2019 Pattern} Credits: 72 Courses: 3	CBCS: No Grading:Yes C: Research L: Doctoral M: Part Time Regular Mode P: Semester MDP: 3 years after M.Sc. Chemistry/ equi. Apvl: UGC	For eachYear Desc Amount UPF 25000 Total 25000	AE: Fresh: As per UGC Regulations and University Ordinance Further: NA	CE: Min 55% in each course of Course Work CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
R92: Ph.D. (Environmental Science) {2019 Pattern} Credits: 72 Courses: 3	CBCS: No Grading:Yes C: Research L: Doctoral M: Part Time Regular Mode P: Semester MDP: 3 years after M.Sc. Environmental Science/ equi. Apvl: UGC	For eachYear Desc Amount UPF 25000 Total 25000	AE: Fresh: As per UGC Regulations and University Ordinance Further: NA	CE: Min 55% in each course of Course Work CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
R41: Ph.D. (Geology) {2019 Pattern} Credits: 72 Courses: 3	CBCS: No Grading:Yes C: Research L: Doctoral M: Part Time Regular Mode P: Semester MDP: 3 years after M.Sc. Geology/ equi. Apvl: UGC	For eachYear Desc Amount UPF 25000 SCF - Total 25000	AE: Fresh: As per UGC Regulations and University Ordinance Further: NA	CE: Min 55% in each course of Course Work CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified

WITHDRAWN PROGRAMMES

For all "Withdrawn Programmes" (Total 13 Programmes):

1. Fresh Admissions **shall not be offered**
2. Further Admissions **shall be offered during specified valid registration period**

Statistical Information about Withdrawn Programmes:

Discipline → Level ↓	Design	Science	Architecture	Technology	Total
Diploma	0	0	0	3	3
PG Diploma	0	1	0	0	1
UG	1	3	1	1	6
PG	0	3	0	0	3
Total	1	7	1	4	13

DESIGN PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination
Under-Graduate Degree (1 Programmes)				
V28: B.Des. {2014 Pattern} Sem: 8 Credits: 192 Courses: 55	CBCS: No Grading:No C: Professional L: UG P: Semester MDP: 4 years after HSC Apvl: UGC	For eachYear Desc Amount UPF 17100 SCF 39000 Total 56100	AE: Fresh: No Further: Yes Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number.	CE: Min 50% RS: Sem 07 & 08 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified

SCIENCE PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination	
Post Graduate Diploma (1 Programme)					
T105: Post Graduate Diploma in Statistics (PGDS) {2019 Pattern} Sem: 2 Credits: 32 Courses: 08	CBCS: NA Grading: Yes C: General L: PG Diploma P: Semester MDP: 1 year after UG Apvl: NA	For each Year		AE: Fresh: No Further: NA Age: 18 Yrs minimum	CE: Min 40% RS: Sem 01& 02 MA: CA: Only 01 Attempts during each semester EE: Single EE attempt during each semester till last end exam, if specified
		Desc	Amount		
		UPF	2000		
		SCF	2000		
		Total	4000		
Under-Graduate Degree (3 Programmes)					
T82: B.Sc. (Bio-Technology) {2015 Pattern} Sem: 6 Credits: 120 Courses: 30	CBCS: No Grading: Yes C: General L: UG P: Semester MDP: 3 years after HSC Apvl: UGC	For each Year		AE: Fresh: No Further: Yes Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number.	CE: Min 40%, RS: Sem 05 & 06 MA: EE: Single EE attempt during each semester till last end exam, if specified
		Desc	Amount		
		UPF	5100		
		SCF	11000		
		Total	16100		
V45: B.Sc. (Actuarial Science) {2015 Pattern} Sem: 6 Credits: 96 Courses: 24	CBCS: Yes Grading: Yes C: General L: UG P: Semester MDP: 3 years after HSC Apvl: UGC	For each Year		AE: Fresh: No Further: Yes Sem '1 to x' pass for Sem 'x+4' admission n where 'x' is odd number.	CE: Min 40% RS: Sem 05 & 06 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
		Desc	Amount		
		UPF	34100		
		SCF	78000		
		Total	112100		
V96: B.Sc. (Actuarial Science) {2016 Pattern} Sem: 6 Credits: 96 Courses: 24	CBCS: Yes Grading: Yes C: General L: UG P: Semester MDP: 3 years after HSC Apvl: UGC	For each Year		AE: Fresh: No Further: Yes Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number.	CE: Min 40% RS: Sem 05 & 06 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
		Desc	Amount		
		UPF	34100		
		SCF	78000		
		Total	112100		
Post-Graduate Degree (3 Programmes)					
V46: M.Sc. (Actuarial Science) {2015 Pattern} Sem: 4 Credits: 96 Courses: 24	CBCS: Yes Grading: Yes C: General L: PG P: Semester MDP: 2 years after any Graduation Apvl: UGC	For each Year		AE: Fresh: No Further: Yes	CE: Min 40% RS: Sem 03 & 04 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
		Desc	Amount		
		UPF	58100		
		SCF	134000		
		Total	192100		
V57: M.Sc. (Mathematics) {2015 Pattern} Sem: 4 Credits: 80 Courses: 20	CBCS: Yes Grading: Yes C: General L: PG P: Semester MDP: 2 years after B.Sc. with Maths at FY/SY / B.A. with Maths/ B.E. / B.Tech. Apvl: UGC	For each Year		AE: Fresh: No Further: Yes	CE: Min 40% RS: Sem 03 & 04 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
		Desc	Amount		
		UPF	6100		
		SCF	6000		
		Total	12,100		

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination								
V58: M.Sc. (Environmental Science) {2015 Pattern} Sem: 4 Credits: 64 Courses: 16	CBCS: Yes Grading: Yes C: General L: PG P: Semester MDP: 2 years after B.Sc. / B.E. / B.Tech./ B.Pharm/BAMS Apvl: UGC	For each Year <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>6100</td></tr> <tr><td>SCF</td><td>12000</td></tr> <tr><td>Total</td><td>18100</td></tr> </table>	Desc	Amount	UPF	6100	SCF	12000	Total	18100	AE: Fresh: No Further: Yes	CE: Min 40% RS: Sem 03 & 04 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
Desc	Amount											
UPF	6100											
SCF	12000											
Total	18100											

ARCHITECTURE PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination								
Under-Graduate Degree (1 Programme)												
V22: B.Arch. (General) {2010 Pattern} Sem: 10 Credits: 240 Courses: 62	CBCS: No Grading: No C: Professional L: UG M: FT-FTF-EWEL P: Semester MDP: 5 years after HSC Apvl: UGC, CoA	For each Year <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>17100</td></tr> <tr><td>SCF</td><td>39000</td></tr> <tr><td>Total</td><td>56100</td></tr> </table>	Desc	Amount	UPF	17100	SCF	39000	Total	56100	AE: Fresh: No Further: Sem '1 to x' passes for Sem 'x+4' admission where 'x' is odd number.	CE: Min 50% RS: Sem 07 & 08 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
Desc	Amount											
UPF	17100											
SCF	39000											
Total	56100											

TECHNOLOGY PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]	Annual Admission in each year	Examination								
Diploma (3 Programmes)												
V55: Diploma in Electrical Engg. {2014 Pattern} Sem: 6 Credits: 144 Courses: 36	CBCS: No Grading: No C: Technical L: D P: Semester MDP: 3 years after SSC Apvl: UGC	For each Year <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>7100</td></tr> <tr><td>SCF</td><td>17000</td></tr> <tr><td>Total</td><td>24100</td></tr> </table>	Desc	Amount	UPF	7100	SCF	17000	Total	24100	AE: Fresh: No Further: Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number.	CE: Min 50% RS: Sem 05 & 06 MA: CA: Max Single Attempt EE: Max 5 ODOL EE attempt during each semester till last end exam, if specified
Desc	Amount											
UPF	7100											
SCF	17000											
Total	24100											
V62: Diploma in Mechanical Engg. {2012 Pattern} Sem: 8 Credits: 160 Courses: 40	CBCS: No Grading: No C: Technical L: D P: Semester MDP: 4 years after SSC Apvl: UGC	For each Year <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>7100</td></tr> <tr><td>SCF</td><td>17000</td></tr> <tr><td>Total</td><td>24100</td></tr> </table>	Desc	Amount	UPF	7100	SCF	17000	Total	24100	AE: Fresh: No Further: Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number.	CE: Min 50% RS: Sem 07 & 08 MA: CA: Max Single Attempt EE: Max 5 ODOL EE attempt during each semester till last end exam, if specified
Desc	Amount											
UPF	7100											
SCF	17000											
Total	24100											
V63: Diploma in Electronics and Telecommunication Engg. {2012 Pattern} Sem: 8 Credits: 160 Courses: 40	CBCS: No Grading: No C: Technical L: D P: Semester MDP: 4 years after SSC Apvl: UGC	For each Year <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>7100</td></tr> <tr><td>SCF</td><td>17000</td></tr> <tr><td>Total</td><td>24100</td></tr> </table>	Desc	Amount	UPF	7100	SCF	17000	Total	24100	AE: Fresh: No Further: Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number	CE: Min 50% RS: Sem 07 & 08 MA: CA: Max Single Attempt EE: Max 5 ODOL EE attempt during each semester till last end exam, if specified
Desc	Amount											
UPF	7100											
SCF	17000											
Total	24100											
Under-Graduate Degree (1 Programme)												

Programme	Essential Information	Fees in ₹ [Only UPF is payable at the University]		Annual Admission in each year	Examination
		Desc	Amount		
V61: B.Tech. (Marine Engg.) {2012 Pattern} Sem: 8 Credits: 224 Courses: 64	CBCS: No Grading: No C: Technical L: UG M: FT-FTF-EWEL (Residential) P: Semester MDP: 4 years after HSC Apvl: UGC	For each Year		AE: Fresh: No Further: Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number	CE: Min 50% RS: Sem 07 & 08 MA: CA: Max Single Attempt EE: Single EE attempt during each semester till last end exam, if specified
		UPF	19100		
		SCF	45000		
		Total	64100		

LEARN AND EARN SCHEME

The 'Yashwantrao Chavan Maharashtra Open University (YCMOU)' had signed "Agreement" on **03-07-2018** with the organization "**Abhinav Institute of Technology & Management**", registered office at "601, 6th Floor, Paradise Tower, Gokhale Road, Thane(West) – 400 602" to offer skill based academic programmes under '**Learn and Earn**' scheme.

Government of Maharashtra has released **Government Resolution (GR) No. 201803131751197708 dated 13th March 2018** to implement this Learn and Earn Scheme jointly by YCMOU and the recognized Study Center of this University.

This organization is duly approved as "YCMOU Study Center" to implement this scheme is as follow:

Students enrolled under "Learn and Earn" scheme are placed various industries or business units as an '**Apprentice**' under the 'Apprenticeship Act 1961' to acquire and master various skills in 'real' work environment. But, students under this scheme **are not allowed to place as an 'Apprentice' in hazardous industries**. Presently, **only** following programmes are offered under this scheme:

1. **T101:** Diploma in Essential Skills (**DES**)

The Government of Maharashtra has approved this scheme and the students under the '**Learn and Earn**' scheme have been declared as '**Apprentice**' under the 'Apprenticeship Act 1961', up to the period of **2 years**.

"**National Skill Qualification Framework (NSQF)**" is the current thrust area for the Maharashtra state as well as Central Government. In line with this state and national mission and framework, this University offer Skill diploma programmes at **Level 3 and 4 of NSQF** in skill education discipline.

STUDENTS BENEFITS

Apart from the essential facilities (@ **pre-informed subsidized rates**) such as canteen, uniform, safety shoes etc. for **each** student, the cost of the education is also paid by the respective industry or business unit. In addition to this, respective industry or business unit also pays the **specified monthly stipend** to **each** student apprentice as per the prevalent provisions of 'Apprenticeship Act 1961'.

Presently, monthly stipend offered to **each** student apprentice is as given below:

1. During "**T101:** Diploma in Essential Skills (**DES**)": **₹8000/- to ₹8500/- approximately** during each month

TEACHING-LEARNING

Above study center/ organization is required to arrange following activities:

- **Learning Resource:** Self- Learning- Material(SLM) i.e. Study Material shall be made available by the University in eBook/ electronic format for **free download under**

EBooks at the University Website at <http://www.ycmou.ac.in/> under the web link of School of Architecture, Science and Technology and further distribution by the recognized Study Center. Study Center may provide this Learning Resource in print form to all enrolled students for learn and earn scheme.

- **Counselling Sessions:** Study Center will arrange 12 face-to-face classroom counselling sessions of 1 clock hour duration for **each** Theory Type of Course (Subject) of **4 Credits** at the work place of the students or on weekly off-days at the study center.
- **Mobile ready lectures:** can be used for teaching-learning. This offers much better consistent quality and unprecedented flexibility of learning from anywhere, anytime. After initial onetime download, Mobile ready lecture modules can be repeated multiple numbers of times without live Internet connection. Hence, Study Center may develop 40–60 Mobile ready lecture modules, **each** of 10 ± 02 minutes duration for **each** course (subject) **along with and** monthly face-to-face single lecture of 1 hour duration at **each** industry where students are placed, from ‘real’ teacher.
- **On-Job Training:** Above Study Center/ organization is required to arrange “On-Job Training” for specified hours, under guidance and supervision of qualified and experienced **Mentor/ Supervisor/ Counsellor** at allotted service unit, industry or business unit.

EXAMINATION

1. Conduct of “Continuous Assessment (CA)” **and** reporting of CA marks for each student shall be responsibility of the respective study center for all courses.
2. Conduct of “End Examination (EE)” **and** reporting of EE marks for each student shall be responsibility of the respective study center for all Activity type of courses like “On Job Training”.
3. Conduct of “End Examination (EE)” **and** reporting of EE marks for each student shall be responsibility of the university for **all Theory type of courses**.
4. **Separate and independent passing:** Grade Point 4 in EE and CA shall be essential for each course at each semester. Hence, student must score following minimum marks for successful completion of each course.
 - a. Minimum 28 marks out of 80 marks in End Exam is essential and
 - b. Minimum 07 marks out of 20 marks in CA is essential and
 - c. Hence total of CA+EE requires minimum **35** marks out of maximum 100 marks for each Theory type of courses
 - d. Minimum **70** marks out of maximum 200 marks for each Term-work/Activity type of courses
5. “CA, EE and Total marks” shall be separately reported for each course in the transcript or mark-statement at each semester
6. Only 1 attempt for EE for each course shall be allowed in each semester.
7. Study Center may provide maximum 2 attempts, for CA for each course in each semester. But only best score in CA by the student shall be reported to the University in the specified format by the Exam Division.
8. Only best of past performance shall be reported in transcript or mark statement.
9. Total student evaluation for
 - a. Each semester shall be for 600 marks.

b. Each Diploma shall be for 1200 marks.

Continuous Assessment for Theory and Term-Work Courses

- Continuous Assessment (CA) is Open-Book Formative Evaluation without supervision conducted by the Counselor for the respective course at each study center. **Mentor/Counsellor shall prepare question paper for each CA to be conducted.**
CA for each credit point block shall be for 5 marks only. For 4 Credit course CA shall be conducted for 20 Marks.
 - Type of CA: 20 MCQs for 20 Marks or 04 SAQs each of 5 Marks for total 20 Marks
 - Number of attempts for **each** CA, during **each** semester: **01**
 - CA has 20% weightage in “Total Marks”
 - Students who do not opt CA or remain absent for CA, zero marks shall be reported in the mark-statement.

5. CA is not applicable for Term-Work type courses

End Examination

Course Type → Evaluation Type ↓	Theory	Term-Work		
End Examination (EE) with following all features: (01) Close-Book, With Supervision (02) At specified Date, Time and Exam Center (03) During May/June or Nov/Dec	As per the University Schedule May/June or Nov/Dec of each year, “End Examination (EE)” of total 80 Marks and 16 “Short Answer Questions (SAQs)” each of 05 marks (4 out of 5 SAQs on each Credit) , during 120 Minutes. End Exam Marks shall have 80% weightage in Total Marks.	At the end of each semester, each Mentor at each industry or business unit and “1 (one) external expert” to be appointed by the study center will complete “End Exam (EE)” for all allotted students as follows: <ol style="list-style-type: none"> Duration of EE: Immediately after Theory End Exam during each Semester in May/June or Nov/Dec Internal Mentor/ Supervisor/ Counsellor and External Expert, each will have 50% weightage in EE. Total Marks for EE: 200 Marks 		
		Parameter	Internal Mentor (out of 100 Marks)	External Expert (out of 100 Marks)
		Punctuality as per thumb attendance record	Out of 20	Out of 20
		Term work submission	Out of 20	Out of 20
		Understanding about the nature of job role at workplace	Out of 20	Out of 20
		Skill Proficiency by Viva on Mini Project	Out of 40	Out of 40

FEE STRUCTURE

“Study Center Fee (SCF)” **shall not be payable by the student** for any programme offered under “Learn and Earn” scheme. But, “University Programme Fee (UPF)” is given below in “Fee Structure” for all academic programmes under “Learn and Earn” scheme.

Admission		Examination Fee (EF) for Repeater Students
Desc	Amount	Exam Fee is payable to university along with the ‘Exam Form’, for each repeat end exam attempt
UPF	₹ 1600 for each Year	
SCF	Nil for students (Students need not have to pay Study Center Fee to the Institute)	

JOB OPPORTUNITIES FOR STUDENTS

After successful completion of these academic programmes, depending on satisfactory performance of the student during the apprenticeship period, industries may prefer to continue these students on regular post.

However, placement on regular posts after successful completion of these academic programmes is **not guaranteed**.

The University does not ensure placement/ employability to those students passed these Learn & Earn Diplomas. On the basis of the skills earned during Diploma, Students have to apply for the various available job opportunities.

ABOUT COURSES

PROGRAMMES ON OFFER

SKILL PROGRAMMES

T101: DES {LEARN & EARN 2019 PATTERN}

SN	Code	Name	CA	EE	TM	Type	Credits	Min %
Semester 01: 16 + 08 = 24 Credits								
01	DESO11	Communication and Soft Skills – 01	20	80	100	T	4	35%
02	DESO12	Math & Statistical Skills – 01	20	80	100	T	4	35%
03	DESO13	Financial Accounting Skills – 01	20	80	100	T	4	35%
04	DESO14	IT Skills – 01	20	80	100	T	4	35%
05	DESO15	On-Job-Training – 01	NA	200	200	TW	8	35%
Semester 02: 16 + 08 = 24 Credits								
06	DESO21	Communication and Soft Skills – 02	20	80	100	T	4	35%
07	DESO22	Math & Statistical Skills – 02	20	80	100	T	4	35%
08	DESO23	Financial Accounting Skills - 02	20	80	100	T	4	35%
09	DESO24	IT Skills - 02	20	80	100	T	4	35%
10	DESO25	On-Job-Training - 02	NA	200	200	TW	8	35%

SCIENCE PROGRAMMES

V135: DIPLOMA IN ENVIRONMENTAL SCIENCE {2021 PATTERN}

SN	Code	Name	CA	EE	TM	Type	Credits	Min %
Semester 01: 16 Credits								
01	EVS011	Environmental Science and Environmental Biology	20	80	100	T	4	40%
02	EVS012	Environmental Education, Policies and Legislation	20	80	100	T	4	40%
03	EVS013	Natural Resources and Their Conservation	20	80	100	T	4	40%
04	EVS014	Lab Activities on EVS011 , EVS012 ,EVS013	20	80	100	P	4	40%
Semester 02: 16 Credits								
05	EVS021	Environmental Sustainability	20	80	100	T	4	40%
06	EVS022	Environmental Chemistry	20	80	100	T	4	40%
07	EVS023	Environmental Geosciences & Computer Applications	20	80	100	T	4	40%
08	EVS024	Lab Activities on EVS022, EVS023	20	80	100	P	4	40%

V137: DIPLOMA IN STATISTICS {2021 PATTERN}

SN	Code	Name	CA	EE	TM	Type	Credits	Min %
Semester 01: 16 Credits								
01	DSS011	Basic Mathematics 1	20	80	100	T	4	35%
02	DSS012	Basic Mathematics 2	20	80	100	T	4	35%
03	DSS013	Fundamentals of Statistics	20	80	100	T	4	35%
04	DSS014	Excel Application in Statistics	NA	100	100	TW	4	35%
Semester 02: 16 Credits								
05	DSS021	Inferential Statistics	20	80	100	T	4	35%
06	DSS022	Sampling Theory and Regression	20	80	100	T	4	35%
07	DSS023	Design of Experiment	20	80	100	T	4	35%
08	DSS024	R Programming for Statistics	NA	100	100	TW	4	35%

V92: B.SC. (PHY, CHE, MATHS) {2015 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min%
Semester 01: 22 Credits								
01	AEC111	English Communication	20	80	100	T	4	40%
02	S34121	Physics – 01	20	80	100	T	4	40%
03	S37131	Chemistry – 01	20	80	100	T	4	40%
04	S41141	Mathematics – 01	20	80	100	T	4	40%
05	S34122	Physics – 01 Practical	10	40	50	P	2	40%
06	S37132	Chemistry – 01 Practical	10	40	50	P	2	40%
07	S41142	Mathematics – 01 Practical	10	40	50	P	2	40%
Semester 02: 22 Credits								
08	AEC211	Environmental Science	20	80	100	T	4	40%
09	S34221	Physics – 02	20	80	100	T	4	40%
10	S37231	Chemistry – 02	20	80	100	T	4	40%
11	S41241	Mathematics – 02	20	80	100	T	4	40%
12	S34222	Physics – 02 Practical	10	40	50	P	2	40%
13	S37232	Chemistry – 02 Practical	10	40	50	P	2	40%
14	S41242	Mathematics – 02 Practical	10	40	50	P	2	40%
Semester 03: 22 Credits								
15	SEC311	IT and ELearning Skills	20	80	100	T	4	40%
16	S34321	Physics – 03	20	80	100	T	4	40%
17	S37331	Chemistry – 03	20	80	100	T	4	40%
18	S41341	Mathematics – 03	20	80	100	T	4	40%
19	S34322	Physics – 03 Practical	10	40	50	P	2	40%
20	S37332	Chemistry – 03 Practical	10	40	50	P	2	40%
21	S41342	Mathematics – 03 Practical	10	40	50	P	2	40%
Semester 04: 22 Credits								
22	SEC411	Research Methodology	20	80	100	T	4	40%
23	S34421	Physics – 04	20	80	100	T	4	40%

SN	Code	Name	CAT	EE	TM	Type	Credits	Min%
24	S37431	Chemistry – 04	20	80	100	T	4	40%
25	S41441	Mathematics – 04	20	80	100	T	4	40%
26	S34422	Physics – 04 Practical	10	40	50	P	2	40%
27	S37432	Chemistry – 04 Practical	10	40	50	P	2	40%
28	S41442	Mathematics – 04 Practical	10	40	50	P	2	40%
Semester 05: 22 Credits								
29	SEC511	Financial and Investment Skills	20	80	100	T	4	40%
30	S34521	Physics – 05	20	80	100	T	4	40%
31	S37531	Chemistry – 05	20	80	100	T	4	40%
32	S41541	Mathematics – 05	20	80	100	T	4	40%
33	S34522	Physics – 05 Practical	10	40	50	P	2	40%
34	S37532	Chemistry – 05 Practical	10	40	50	P	2	40%
35	S41542	Mathematics – 05 Practical	10	40	50	P	2	40%
Semester 06: 22 Credits								
36	SEC611	Personality and Career Skills	20	80	100	T	4	40%
37	S34621	Physics – 06	20	80	100	T	4	40%
38	S37631	Chemistry – 06	20	80	100	T	4	40%
39	S41641	Mathematics – 06	20	80	100	T	4	40%
40	S34622	Physics – 06 Practical	10	40	50	P	2	40%
41	S37632	Chemistry – 06 Practical	10	40	50	P	2	40%
42	S41642	Mathematics – 06 Practical	10	40	50	P	2	40%

V130: M.Sc. (MATHEMATICS) {2021 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Semester 01: 20 Credits								
01	S25011	Real Analysis	20	80	100	T	4	40%
02	S25012	Abstract Algebra	20	80	100	T	4	40%
03	S25013	Ordinary Differential Equations	20	80	100	T	4	40%
04	S25014	Topology	20	80	100	T	4	40%
05	S25015	Numerical Analysis	20	80	100	T	4	40%
Semester 02: 20 Credits								
06	S25021	Measure and Integration Theory	20	80	100	T	4	40%
07	S25022	Linear Algebra	20	80	100	T	4	40%
08	S25023	Partial Differential Equations	20	80	100	T	4	40%
09	S25024	Number Theory	20	80	100	T	4	40%
10	S25025	Integral Transforms	20	80	100	T	4	40%
Semester 03: 20 Credits								
11	S25031	Complex Analysis	20	80	100	T	4	40%
12	S25032	Field Theory	20	80	100	T	4	40%
13	S25033	Integral Equations	20	80	100	T	4	40%
14	S25034	Discrete Mathematics	20	80	100	T	4	40%
15	S25035	Operations Research	20	80	100	T	4	40%
Semester 04: 20 Credits								

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
16	S25041	Differential Geometry	20	80	100	T	4	40%
17	S25042	Functional Analysis	20	80	100	T	4	40%
18	S25043	Classical Mechanics	20	80	100	T	4	40%
19	S25044	Cryptography	20	80	100	T	4	40%
20	S25045	Topics in Fuzzy Mathematics	20	80	100	T	4	40%

V131: M.Sc. (PHYSICS) {2021 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Year 01: 24Credits								
01	PHY011	Mathematical Physics and Classical Mechanics	20	80	100	T	4	40%
02	PHY012	Statistical Mechanics and Quantum Mechanics	20	80	100	T	4	40%
03	PHY013	Solid State Physics	20	80	100	T	4	40%
04	PHY014	Semiconductor Devices, Analog and Digital Electronics	20	80	100	T	4	40%
05	PHY015	Heat and Acoustics (Practical)	10	40	50	P	2	40%
06	PHY016	Optics (Practical)	10	40	50	P	2	40%
07	PHY017	Basic Electronics (Practical)	10	40	50	P	2	40%
08	PHY018	Digital Electronics and Computers (Practical)	10	40	50	P	2	40%
Year 02: 24Credits								
01	PHY021	Nuclear Physics and Analytical Techniques	20	80	100	T	4	40%
02	PHY022	Electromagnetic Theory and Spectroscopy	20	80	100	T	4	40%
03	PHY023	Memory Devices and Microprocessors	20	80	100	T	4	40%
04	PHY024	Microwave Devices and Communication Systems	20	80	100	T	4	40%
05	PHY025	Spectroscopy (Practical)	10	40	50	P	2	40%
06	PHY026	Modern Physics (Practical)	10	40	50	P	2	40%
07	PHY027	Memory Devices and Microprocessors (Practical)	10	40	50	P	2	40%
08	PHY028	Microwave Devices and Communication Systems (Practical)	10	40	50	P	2	40%

V132: M.Sc. (CHEMISTRY) {2021 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Year 01: 24 Credits								
01	CHE011	Inorganic Chemistry	20	80	100	T	4	40%
02	CHE012	Organic Chemistry	20	80	100	T	4	40%
03	CHE013	Physical Chemistry	20	80	100	T	4	40%
04	CHE014	Mathematics, Biology, Spectroscopy and Computers	20	80	100	T	4	40%
05	CHE015	Inorganic Chemistry (Practical)	10	40	50	P	2	40%
06	CHE016	Organic Chemistry (Practical)	10	40	50	P	2	40%
07	CHE017	Physical Chemistry (Practical)	10	40	50	P	2	40%
08	CHE018	Spectroscopy and Computers (Practical)	10	40	50	P	2	40%
Year 02: 24 Credits								
01	CHE021	Organic Reaction Mechanisms-II, Pericyclic Reactions, Organic Photochemistry, Stereochemistry-II	20	80	100	T	4	40%
02	CHE022	Organic Chemistry - Synthetic Organic Chemistry	20	80	100	T	4	40%
03	CHE023	Organic Chemistry - Natural Products	20	80	100	T	4	40%

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
		,Heterocycles,Biogenesis and Spectroscopy						
04	CHE024	Organic Chemistry - Drugs and Pharmaceuticals	20	80	100	T	4	40%
05	CHE025	Organic Chemistry - Separation and Identification of Organic Compounds (Practical)	10	40	50	P	2	40%
06	CHE026	Organic Chemistry - Separation and Identification of Organic Compounds and Chromatography(Practical)	10	40	50	P	2	40%
07	CHE027	Synthesis of Organic Compounds and Isolation of Natural Products (Practical)	10	40	50	P	2	40%
08	CHE028	Organic Chemistry - Synthesis and Analysis of Drugs (Practical)	10	40	50	P	2	40%

V133: M. Sc. (ZOOLOGY) {2021 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Year 01: 24Credits								
01	ZGY011	Animal Diversity and Ecology	20	80	100	T	4	40%
02	ZGY012	Cell and Molecular Biology	20	80	100	T	4	40%
03	ZGY013	Animal Physiology and Physiological Chemistry	20	80	100	T	4	40%
04	ZGY014	Human Cytogenetic and Developmental Biology	20	80	100	T	4	40%
05	ZGY015	Animal Diversity and Ecology (Practical)	10	40	50	P	2	40%
06	ZGY016	Cell and Molecular Biology (Practical)	10	40	50	P	2	40%
07	ZGY017	Animal Physiology and Physiological Chemistry (Practical)	10	40	50	P	2	40%
08	ZGY018	Human Cytogenetic and Developmental Biology (Practical)	10	40	50	P	2	40%
Year 02: 24Credits								
09	ZGY021	Immunology	20	80	100	T	4	40%
10	ZGY022	Animal Biotechnology	20	80	100	T	4	40%
11	ZGY023	Toxicology	20	80	100	T	4	40%
12	ZGY024	Applied Entomology	20	80	100	T	4	40%
13	ZGY025	Immunology (Practical)	10	40	50	P	2	40%
14	ZGY026	Animal Biotechnology (Practical)	10	40	50	P	2	40%
15	ZGY027	Toxicology (Practical)	10	40	50	P	2	40%
16	ZGY028	Applied Entomology (Practical)	10	40	50	P	2	40%

V134: M.Sc. (BOTANY) {2021 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Year 01: 24Credits								
01	BNY011	Biology and Diversity of Viruses, Bacteria and Fungi	20	80	100	T	4	40%
02	BNY012	Biology and Diversity of Algae, Bryophyta and Pteridophyta	20	80	100	T	4	40%
03	BNY013	Gymnosperms, Taxonomy and Anatomy of Angiosperms	20	80	100	T	4	40%
04	BNY014	Biochemistry and Plant Physiology	20	80	100	T	4	40%
05	BNY015	Biology and Diversity of Viruses, Bacteria and Fungi (Practical)	10	40	50	P	2	40%
06	BNY016	Biology and Diversity of Algae, Bryophyta and Pteridophyta (Practical)	10	40	50	P	2	40%
07	BNY017	Gymnosperms, Taxonomy and Anatomy of Angiosperms (Practical)	10	40	50	P	2	40%
08	BNY018	Biochemistry and Plant Physiology (Practical)	10	40	50	P	2	40%

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Year 02: 24Credits								
09	BNY021	Cell Biology, Genetics, Biostatistics and Ecology	20	80	100	T	4	40%
10	BNY022	Medicinal Plants and Embryology of Angiosperms	20	80	100	T	4	40%
11	BNY023	Applied Mycology and Plant Pathology	20	80	100	T	4	40%
12	BNY024	Plant Molecular Biology and Biotechnology	20	80	100	T	4	40%
13	BNY025	Cell Biology, Genetics, Biostatistics and Ecology (Practical)	10	40	50	P	2	40%
14	BNY026	Medicinal Plants and Embryology of Angiosperms (Practical)	10	40	50	P	2	40%
15	BNY027	Applied Mycology and Plant Pathology (Practical)	10	40	50	P	2	40%
16	BNY028	Plant Molecular Biology and Biotechnology (Practical)	10	40	50	P	2	40%

V136: M.Sc. (ENVIRONMENTAL SCIENCE) {2021 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Semester 01: 16Credits								
01	EVS011	Environmental Science and Environmental Biology	20	80	100	T	4	40%
02	EVS012	Environmental Education, Policies and Legislation	20	80	100	T	4	40%
03	EVS013	Natural Resources and Their Conservation	20	80	100	T	4	40%
04	EVS014	Lab Activities on EVS011 , EVS012 ,EVS013	20	80	100	P	4	40%
Semester 02: 16Credits								
05	EVS021	Environmental Sustainability	20	80	100	T	4	40%
06	EVS022	Environmental Chemistry	20	80	100	T	4	40%
07	EVS023	Environmental Geosciences& Computer Applications	20	80	100	T	4	40%
08	EVS024	Lab Activities on EVS022, EVS023	20	80	100	P	4	40%
Semester 03: 16Credits								
09	EVS031	Environmental Monitoring and Energy Studies	20	80	100	T	4	40%
10	EVS032	Instrumentation and Lab Techniques	20	80	100	T	4	40%
11	EVS033	Environmental Microbiology and Toxicology	20	80	100	T	4	40%
12	EVS034	Lab Activities on EVS031 ,EVS032 ,EVS033	20	80	100	P	4	40%
Semester 04: 16Credits								
13	EVS 041	Sustainable Management of Biodiversity	20	80	100	T	4	40%
14	EVS042	Statistical Approaches and Modelling in Environmental Sciences	20	80	100	T	4	40%
15	EVS043	Environmental Issues and Human Health	20	80	100	T	4	40%
16	EVS044	Project-Work	20	80	100	PW	4	40%

R91: PH.D. (CHEMISTRY) {2019 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Course Work: 12 Credits								
01	RES101	Research Methodology	50	50	100	T	4	55%
02	RES135	Applications of Analytical Techniques in Chemistry	50	50	100	T	4	55%
03	RES136 OR	Organic Chemistry	50	50	100	T	4	55%
04	RES137 OR	Inorganic Chemistry	50	50	100	T	4	55%
05	RES138 OR	Physical Chemistry	50	50	100	T	4	55%
06	RES139 OR	Analytical Chemistry	50	50	100	T	4	55%
Research Work: 60 Credits								
		Research Work	-	-	-	Presentations and Viva-Voce	60	Award

R92: PH.D. (ENVIRONMENTAL SCIENCE) {2019 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Course Work: 12 Credits								
01	RES101	Research Methodology	50	50	100	T	4	55%
02	RES142	Advances in Environmental Science	50	50	100	T	4	55%
03	RES143	Issues in Environmental Sciences	50	50	100	T	4	55%
Research Work: 60 Credits								
		Research Work	-	-	-	Presentations and Viva-Voce	60	Award

R41: PH.D. (GEOLOGY) {2019 PATTERN}

SN	Code	Name	CAT	EE	TM	Type	Credits	Min %
Course Work: 12 Credits								
01	RES101	Research Methodology	50	50	100	T	4	55%
02	RES132	Applications of Geospatial Techniques	50	50	100	T	4	55%
03	RES133	Geology	50	50	100	T	4	55%
Research Work: 60 Credits								
		Research Work	-	-	-	Presentations and Viva-Voce	60	Award

WITHDRAWN PROGRAMMES

ARCHITECTURE PROGRAMMES

V22: B.ARCH. (GENERAL) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01: 24 Credits								
01	A24011	Theory of Structures - 1	10	40	50	T	2	50%
02	A24012	Culture and Built Form - 1	10	40	50	T	2	50%
03	A24013	Architectural Drawing-1	20	80	100	STW	4	50%
04	A24014	Art Studio - 1	20	80	100	STW	4	50%
05	A24015	Building Construction - 1	20	80	100	SV	4	50%
06	A24016	Architectural Design-1	40	160	200	SV	8	50%
Semester 02: 24 Credits								
07	A24021	Theory of Structures - 2	10	40	50	T	2	50%
08	A24022	Culture and Built Form - 2	10	40	50	T	2	50%
09	A24023	Architectural Drawing - 2	20	80	100	STW	4	50%
10	A24024	Art Studio - 2	20	80	100	STW	4	50%
11	A24025	Building Construction - 2	20	80	100	SV	4	50%
12	A24026	Architectural Design - 2	40	160	200	SV	8	50%
Semester 03: 24 Credits								
13	A24031	Theory of Structures - 3	10	40	50	T	2	50%
14	A24032	Culture and Built Form - 3	20	80	100	T	4	50%
15	A24033	Architectural Drawing - 3	10	40	50	STW	2	50%
16	A24034	Building Services and Sciences - 1	20	80	100	STW	4	50%
17	A24035	Building Construction - 3	20	80	100	SV	4	50%
18	A24036	Architectural Design - 3	40	160	200	SV	8	50%
Semester 04: 24 Credits								
19	A24041	Theory of Structures - 4	10	40	50	T	2	50%
20	A24042	Culture and Built Form - 4	20	80	100	T	4	50%
21	A24043	Architectural Drawing - 4	10	40	50	STW	2	50%
22	A24044	Building Services and Sciences - 2	20	80	100	STW	4	50%
23	A24045	Building Construction - 4	20	80	100	SV	4	50%
24	A24046	Architectural Design - 4	40	160	200	SV	8	50%
Semester 05: 24 Credits								
25	A24051	Theory of Structures - 5	10	40	50	T	2	50%
26	A24052	Culture and Built Form - 5	20	80	100	T	4	50%
27	A24053 A25053	Elective: Visual Communication Elective: Art in Architecture	10	40	50	STW	2	50%
28	A24054	Building Services and Sciences - 3	20	80	100	STW	4	50%
29	A24055	Building Construction - 5	20	80	100	SV	4	50%
30	A24056	Architectural Design - 5	40	160	200	SV	8	50%
Semester 06: 24 Credits								
31	A24061	Cost Estimation	10	40	50	T	2	50%
32	A24062	Culture and Built Form - 6	20	80	100	T	4	50%
33	A24063 A25063	Elective: Graphics & Printing Technology Elective: Photography & Architecture	10	40	50	STW	2	50%
34	A24064	Building Services and Sciences - 4	20	80	100	STW	4	50%
35	A24065	Building Construction - 6	20	80	100	SV	4	50%
36	A24066	Architectural Design - 6	40	160	200	SV	8	50%
Semester 07: 24 Credits								
37	A24071	Sociology	10	40	50	T	2	50%
38	A24072	Human Settlements	10	40	50	T	2	50%
39	A24073	Professional Practice -1	10	40	50	T	2	50%
40	A24074	Interior Architecture	10	40	50	STW	2	50%
41	A24075	Landscape Design	10	40	50	STW	2	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
42	A24076	Special Structures	10	40	50	STW	2	50%
43	A24077	Seminar & Thesis Topic	10	40	50	STW	2	50%
44	A24078 A25078	Elective: Sales and Marketing Skills Elective: Film Making and Architecture	10	40	50	STW	2	50%
45	A24079	Architectural Design-7	40	160	200	SV	8	50%
Semester 08: 24 Credits								
46	A24081	Professional Practice -2	10	40	50	T	2	50%
47	A24082	Specifications & Controls	10	40	50	T	2	50%
48	A24083 A25083	Elective: Geographic Information Systems (GIS) Elective: Environmental Design	10	40	50	STW	2	50%
49	A24084	Dissertation - Thesis Special Topic	10	40	50	STW	2	50%
50	A24085	Architectural - Thesis	80	320	400	SV	16	50%
Semester 09: 24 Credits								
51	A24091	Presentation & Approval drawings – 1	20	80	100	SV	4	50%
52	A24092	Site Visits & Study - 1	20	80	100	SV	4	50%
53	A24093	Interaction with Consultants - 1	10	40	50	SV	2	50%
54	A24094	Field Observations Study	20	80	100	SV	4	50%
55	A24095	Office Administration and Log Book - 1	10	40	50	SV	2	50%
56	A24096	Working Drawings and Details - 1	40	160	200	SV	8	50%
Semester 10: 24 Credits								
57	A24101	Presentation & Approval drawings – 2	20	80	100	SV	4	50%
58	A24102	Site Visits & Study - 2	20	80	100	SV	4	50%
59	A24103	Interaction with Consultants - 2	10	40	50	SV	2	50%
60	A24104	Critical Appraisal	20	80	100	SV	4	50%
61	A24105	Office Administration and Log Book - 2	10	40	50	SV	2	50%
62	A24106	Working Drawings and Details - 2	40	160	200	SV	8	50%

DESIGN PROGRAMMES

V28: B.DES. {2014 PATTERN}

Students are required to choose **either “Group A” or “Group B”** Electives, from the offered elective group(s) at the respective study center, during admission to Semester 03. Same group shall be enforced during all further admissions. **Students shall not be allowed to change selected elective group for what so ever reason.**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01: 24 Credits, Common for all Specializations of B.Des.								
01	A44011	Fundamentals of Structures and Design Process	20	80	100	T	4	50%
02	A44012	History of Design I	20	80	100	T	4	50%
03	A44013	Visualization Skills I	20	80	100	STW	4	50%
04	A44014	Workshop Skills I	20	80	100	STW	4	50%
05	A44015	Fundamentals of Design - 1	40	160	200	SV	8	50%
Semester 02: 24 Credits, Common for all Specializations of B.Des.								
06	A44021	History of Design II	20	80	100	T	4	50%
07	A44022	Ergonomics and Communication Skills	20	80	100	T	4	50%
08	A44023	Visualization Skills II	20	80	100	STW	4	50%
09	A44024	Workshop Skills II	20	80	100	STW	4	50%
10	A44025	Fundamentals of Design - II	40	160	200	SV	8	50%
Semester 03: 24 Credits								
11	A44031	Craft Studies and Ergonomics	20	80	100	STW	4	50%
Elective: Group A								
12	A44032	Interior Construction Techniques I	20	80	100	T	4	50%
13	A44033	Solid Modelling - 3D Max	20	80	100	T	4	50%
14	A44034	Form Space and Order I	20	80	100	STW	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
15	A44035	Interior Design Project I	40	160	200	SV	8	50%
Elective: Group B								
16	A45032	Material and Processes: Wood	20	80	100	T	4	50%
17	A45033	NURBS Modelling – Rhino	20	80	100	T	4	50%
18	A45034	Elements of Form I	20	80	100	STW	4	50%
19	A45035	Industrial Design Project I	40	160	200	SV	8	50%
Semester 04: 24 Credits								
20	A44041	Photography Skills and Rendering Techniques	20	80	100	STW	4	50%
Elective: Group A								
21	A44042	Interior Services I	20	80	100	T	4	50%
22	A44043	Interior Construction Techniques II	20	80	100	T	4	50%
23	A44044	Form Space and Order II	20	80	100	STW	4	50%
24	A44045	Interior Design Project II	40	160	200	SV	8	50%
Elective: Group B								
25	A45042	Ergonomics for Work Spaces	20	80	100	T	4	50%
26	A45043	Material and Processes: : Metal	20	80	100	T	4	50%
27	A45044	Elements of Form II	20	80	100	STW	4	50%
28	A45045	Industrial Design Project II	40	160	200	SV	8	50%
Semester 05: 24 Credits								
29	A44051	Design Theories, Methods and Documentation	20	80	100	STW	4	50%
Elective: Group A								
30	A44052	Interior Services II	20	80	100	T	4	50%
31	A44053	Interior Construction Techniques III	20	80	100	T	4	50%
32	A44054	Lighting for Interiors	20	80	100	STW	4	50%
33	A44055	Interior Design Project III	40	160	200	SV	8	50%
Elective: Group B								
34	A45052	Cognitive Ergonomics	20	80	100	T	4	50%
35	A45053	Material and Processes Plastics	20	80	100	T	4	50%
36	A45054	Typography	20	80	100	STW	4	50%
37	A45055	Industrial Design Project III	40	160	200	SV	8	50%
Semester 06: 24 Credits								
38	A44061	Design Portfolio and Film Making	20	80	100	STW	4	50%
Elective: Group A								
39	A44062	Interior Services III	20	80	100	T	4	50%
40	A44063	Estimation of Interiors	20	80	100	T	4	50%
41	A44064	Textiles in Interiors	20	80	100	STW	4	50%
42	A44065	Interior Design Project IV	40	160	200	SV	8	50%
Elective: Group B								
43	A45062	Advanced Industrial Materials	20	80	100	T	4	50%
44	A45063	Cost Estimation of Industrial Products	20	80	100	T	4	50%
45	A45064	Product Styling	20	80	100	STW	4	50%
46	A45065	Industrial Design Project IV	40	160	200	SV	8	50%
Semester 07: 24 Credits								
47	A44071	Design Seminar	20	80	100	STW	47	50%
Elective: Group A								
48	A44072	Professional Practice	20	80	100	T	48	50%
49	A44073	Interior Landscape	20	80	100	STW	49	50%
50	A44074	Interior Design Project V	60	240	300	SV	50	50%
Elective: Group B								
51	A45072	Design Management	20	80	100	T	51	50%
52	A45073	Trends and Market Analysis	20	80	100	STW	52	50%
53	A45074	Industrial Design Project V	60	240	300	SV	53	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 08: 24 Credits								
54	A44081	Internship	100	400	500	SV	20	50%
55	A44082	Report and Documentation	20	80	100	SV	4	50%

SCIENCE PROGRAMMES

T105: POST GRADUATE DIPLOMA IN STATISTICS (PGDS) {2019 PATTERN}

SN	Code	Name	CA	EE	TM	Type	Credits	Min %
Semester 01: 16 Credits								
01	DSS011	Basic Mathematics 1	20	80	100	T	4	35%
02	DSS012	Basic Mathematics 2	20	80	100	T	4	35%
03	DSS013	Fundamentals of Statistics	20	80	100	T	4	35%
04	DSS014	Excel Applicaton in Statistics	-	100	100	TW	4	35%
Semester 02: 16 Credits								
05	DSS021	Inferential Statistics	20	80	100	T	4	35%
06	DSS022	Sampling Theory and Regression	20	80	100	T	4	35%
07	DSS023	Design of Exeperiment	20	80	100	T	4	35%
08	DSS024	R Programming for Statistics	-	100	100	TW	4	35%

T82: B.SC. (BIO-TECH.) {2015 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01: 20Credits								
01	SBT011	Basic Biology	-	100	100	T	4	40%
02	SBT012	Communication Skill	-	100	100	T	4	40%
03	SBT013	Mathematics	-	100	100	T	4	40%
04	SBT014	Environmental Science	-	100	100	T	4	40%
05	SBT015	Lab Course	-	100	100	P	4	40%
Semester 02: 20Credits								
06	SBT021	Basic Statistics	-	100	100	T	4	40%
07	SBT022	Basic Chemistry	-	100	100	T	4	40%
08	SBT023	Applied Physics	-	100	100	T	4	40%
09	SBT024	Programming Concepts	-	100	100	T	4	40%
10	SBT025	Lab Course	-	100	100	P	4	40%
Semester 03: 20Credits								
11	SBT031	Basic Biochemistry	-	100	100	T	4	40%
12	SBT032	General Microbiology-I	-	100	100	T	4	40%
13	SBT033	Physiology	-	100	100	T	4	40%
14	SBT034	Metabolism	-	100	100	T	4	40%
15	SBT035	Lab Course	-	100	100	P	4	40%
Semester 04: 20Credits								
16	SBT041	Cell Biology-I	-	100	100	T	4	40%
17	SBT042	Basic Biosciences	-	100	100	T	4	40%
18	SBT043	Biophysical Techniques-I	-	100	100	T	4	40%
19	SBT044	Molecular Biology-I	-	100	100	T	4	40%
20	SBT045	Lab Course	-	100	100	P	4	40%
Semester 05: 20Credits								
21	SBT051	Microbial Biotechnology	-	100	100	T	4	40%
22	SBT052	Immunology-I	-	100	100	T	4	40%
23	SBT053	Genetic Engineering-I	-	100	100	T	4	40%
24	SBT054	Entrepreneurship Development	-	100	100	T	4	40%
25	SBT055	Lab Course	-	100	100	P	4	40%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 06: 20Credits								
26	SBT061	Agricultural Biotechnology	-	100	100	T	4	40%
27	SBT062	Medical Biotechnology	-	100	100	T	4	40%
28	SBT063	Plant and Animal Cell Culture	-	100	100	T	4	40%
29	SBT064	Environmental Biotechnology	-	100	100	T	4	40%
30	SBT065	Lab Course	-	100	100	P	4	40%

V45: B.Sc. (ACT. SC.) {2015 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01: 16Credits								
01	So4011	Mathematics for Actuaries	20	80	100	T	4	40%
02	So4012	Descriptive Statistics	20	80	100	T	4	40%
03	So4013	Interest Rates and Annuities	20	80	100	T	4	40%
04	So4014	Basics of Accounting	20	80	100	T	4	40%
Semester 02: 16Credits								
05	So4021	Business Economics - I	20	80	100	T	4	40%
06	So4022	Probability and Distributions	20	80	100	T	4	40%
07	So4023	Advanced Applications of Annuities	20	80	100	T	4	40%
08	So4024	Corporate Finance	20	80	100	T	4	40%
Semester 03: 16Credits								
09	So4031	Business Economics - II	20	80	100	T	4	40%
10	So4032	Estimation and Hypotheses Testing	20	80	100	T	4	40%
11	So4033	Life Insurance - Principles, Products and Practices	20	80	100	T	4	40%
12	So4034	Communications & Research Methodology	20	80	100	T	4	40%
Semester 04: 16Credits								
13	So4041	Stochastic Processes	20	80	100	T	4	40%
14	So4042	Survival Analysis	20	80	100	T	4	40%
15	So4043	Non-Life Insurance - Principles, Products, Practices	20	80	100	T	4	40%
16	So4044	EXCEL, MACROS with Visual Basic	20	80	100	P	4	40%
Semester 05: 16Credits								
17	So4051	Risk Models for General Insurance	20	80	100	T	4	40%
18	So4052	Reserving and Time Series	20	80	100	T	4	40%
19	So4053	Business Environment and Enterprise Risk Management	20	80	100	T	4	40%
20	So4054	Actuarial Applications Using EXCEL	20	80	100	P	4	40%
Semester 06: 16Credits								
21	So4061	Life Insurance Pricing	20	80	100	T	4	40%
22	So4062	Reserving and Joint Life Distributions	20	80	100	T	4	40%
23	So4063	Portfolio Theory Development	20	80	100	T	4	40%
24	So4064	Derivative Pricing and Risk Management	20	80	100	T	4	40%

V96: B.Sc. (ACTUARIAL SCIENCE) {2016 PATTERN}

SN	Code	Name	Sem	CAT	EE	TM	Type	Cat	Credits
Semester 01: 22 Credits									
01	AEC111	English Communication	01	20	80	100	T	AECC	4
02	S64121	Financial Mathematics – 01	01	20	80	100	T	CC01-01	4
03	S67131	Actuarial Statistics – 01	01	20	80	100	T	CC02-01	4
04	S71141	Basics of Finance	01	20	80	100	T	CC03-01	4
05	S64122	Financial Mathematics – 01 Practical	01	10	40	50	P	CC01-01	2
06	S67132	Actuarial Statistics – 01 Practical	01	10	40	50	P	CC02-01	2
07	S71142	Basics of Finance Practical	01	10	40	50	P	CC03-01	2
Semester 02: 22 Credits									

SN	Code	Name	Sem	CAT	EE	TM	Type	Cat	Credits
08	AEC211	Environmental Science	02	20	80	100	T	AECC	4
09	S64221	Financial Mathematics – 02	02	20	80	100	T	CC01-02	4
10	S67231	Actuarial Statistics – 02	02	20	80	100	T	CC02-02	4
11	S71241	Corporate Finance	02	20	80	100	T	CC03-02	4
12	S64222	Financial Mathematics – 02 Practical	02	10	40	50	P	CC01-02	2
13	S67232	Actuarial Statistics – 02 Practical	02	10	40	50	P	CC02-02	2
14	S71242	Corporate Finance Practical	02	10	40	50	P	CC03-02	2
Semester 03: 22 Credits									
15	SEC311	IT and ELearning Skills	03	20	80	100	T	SEC	4
16	S64321	Actuarial Mathematics – 01	03	20	80	100	T	CC01-03	4
17	S67331	Survival Analysis	03	20	80	100	T	CC02-03	4
18	S71341	Business Economics – 01	03	20	80	100	T	CC03-03	4
19	S64322	Actuarial Mathematics – 01 Practical	03	10	40	50	P	CC01-03	2
20	S67332	Survival Analysis Practical	03	10	40	50	P	CC02-03	2
21	S71342	Business Economics – 01 Practical	03	10	40	50	P	CC03-03	2
Semester 04: 22 Credits									
22	SEC411	Research Methodology	04	20	80	100	T	SEC	4
23	S64421	Actuarial Mathematics – 02	04	20	80	100	T	CC01-04	4
24	S67431	Stochastic Processes	04	20	80	100	T	CC02-04	4
25	S71441	Business Economics – 02	04	20	80	100	T	CC03-04	4
26	S64422	Actuarial Mathematics – 02 Practical	04	10	40	50	P	CC01-04	2
27	S67432	Stochastic Processes Practical	04	10	40	50	P	CC02-04	2
28	S71442	Business Economics – 02 Practical	04	10	40	50	P	CC03-04	2
Semester 05: 22 Credits									
29	SEC511	Financial and Investment Skills	05	20	80	100	T	SEC	4
30	S64521	Mathematics for Economics and Finance – 01	05	20	80	100	T	DSE01-01	4
31	S67531	Non-Life Statistics – 01	05	20	80	100	T	DSE02-01	4
32	S71541	Enterprise Risk Management	05	20	80	100	T	DSE03-01	4
33	S64522	Mathematics for Economics and Finance – 01 Practical	05	10	40	50	P	DSE01-01	2
34	S67532	Non-Life Statistics – 01 Practical	05	10	40	50	P	DSE02-01	2
35	S71542	Enterprise Risk Management Practical	05	10	40	50	P	DSE03-01	2
Semester 06: 22 Credits									
36	SEC611	Personality and Career Skills	06	20	80	100	T	SEC	4
37	S64621	Mathematics for Economics and Finance – 02	06	20	80	100	T	DSE01-02	4
39	S67631	Non-Life Statistics – 02	06	20	80	100	T	DSE02-02	4
41	S71641	R Programming and Business Analytics	06	20	80	100	T	DSE03-02	4
38	S64622	Mathematics for Economics and Finance – 02 Practical	06	10	40	50	P	DSE01-02	2
40	S67632	Non-Life Statistics – 02 Practical	06	10	40	50	P	DSE02-02	2
42	S71642	R Programming and Business Analytics Practical	06	10	40	50	P	DSE03-02	2

V46: M.Sc. (ACT.SC.) {2015 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01: 24Credits								
01	S14011	Mathematics of Finance- I	20	80	100	T	4	40%
02	S14012	Mathematics of Finance - II	20	80	100	T	4	40%
03	S14013	Statistics for Actuaries - I	20	80	100	T	4	40%
04	S14014	Statistics for Actuaries – II	20	80	100	T	4	40%
05	S14015	Corporate Finance & Financial Reporting-I	20	80	100	T	4	40%
06	S14016	Corporate Finance & Financial Reporting-II	20	80	100	T	4	40%
Semester 02: 24Credits								
07	S14021	Actuarial Modeling-I	20	80	100	T	4	40%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
08	S14022	Actuarial Modeling-II	20	80	100	T	4	40%
09	S14023	Casualty Actuarial Science and Time Series-I	20	80	100	T	4	40%
10	S14024	Casualty Actuarial Science and Time Series-II	20	80	100	T	4	40%
11	S14025	Actuarial Business Economics-I	20	80	100	T	4	40%
12	S14026	Actuarial Business Economics-II	20	80	100	T	4	40%
Semester 03: 24Credits								
13	S14031	Life Contingencies-I	20	80	100	T	4	40%
14	S14032	Life Contingencies-II	20	80	100	T	4	40%
15	S14033	Financial Economics - I	20	80	100	T	4	40%
16	S14034	Financial Economics - II	20	80	100	T	4	40%
17	S14035	Communication & Research Methodology	20	80	100	T	4	40%
18	S14036	Business Environment and Enterprise Risk Management	20	80	100	T	4	40%
Semester 04: 24Credits								
19	S14041	Asset and Liability Management – I	20	80	100	T	4	40%
20	S14042	Asset and Liability Management – II	20	80	100	T	4	40%
21	S14043	Asset and Liability Management – III	20	80	100	T	4	40%
22	S14044	EXCEL, MACROS with Visual Basic	20	80	100	P	4	40%
23	S14045	Actuarial Applications Using EXCEL	20	80	100	P	4	40%
24	S14046	Actuarial Project	20	80	100	PW	4	40%

V57: M.SC. (MATHEMATICS) {2015 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01: 20 Credits								
01	S24011	Algebra - I	20	80	100	T	4	40%
02	S24012	Advanced Calculus	20	80	100	T	4	40%
03	S24013	Real Analysis	20	80	100	T	4	40%
04	S24014	Differential Equations	20	80	100	T	4	40%
05	S24015	Classical Mechanics	20	80	100	T	4	40%
Semester 02: 20 Credits								
06	S24021	Linear Algebra	20	80	100	T	4	40%
07	S24022	Topology	20	80	100	T	4	40%
08	S24023	Complex Analysis	20	80	100	T	4	40%
09	S24024	Numerical Analysis	20	80	100	T	4	40%
10	S24025	Differential Geometry	20	80	100	T	4	40%
Semester 03: 20 Credits								
11	S24031	Functional Analysis	20	80	100	T	4	40%
12	S24032	Advanced Discrete Mathematics	20	80	100	T	4	40%
13	S24033	Number Theory-	20	80	100	T	4	40%
14	S24034	Integral Equations	20	80	100	T	4	40%
15	S24035	Operation Research –I	20	80	100	T	4	40%
Semester 04: 20 Credits								
16	S24041	Measure and Integration	20	80	100	T	4	40%
17	S24042	Partial Differential Equations	20	80	100	T	4	40%
18	S24043	Riemannian Geometry -I	20	80	100	T	4	40%
19	S24044	Riemannian Geometry – II	20	80	100	T	4	40%
20	S24045	Operation Research –II	20	80	100	T	4	40%

V58: M.SC. (ENVIRONMENTAL SCIENCE) {2015 PATTERN}

SN	Code	Name	CA	EE	TM	Type	Credits	Min %
Semester 01: 16 Credits								

SN	Code	Name	CA	EE	TM	Type	Credits	Min %
01	S27011 or MES101	Environmental Science and Ecology	20	80	100	T	4	40%
02	S27012 or MES102	Environmental Engineering	20	80	100	T	4	40%
03	S27013 or MES103	Natural Resources and Their Conservation	20	80	100	T	4	40%
04	S27014 or MES203	Lab Activities on S27011, S27012 & S27013 or MES101, MES102 and MES103	20	80	100	P	4	40%
Semester 02: 16 Credits								
05	S27021 or MES104	Pollution and Health and Hazards	20	80	100	T	4	40%
06	S27022 or MES201	Environmental Statistics and Computer Application	20	80	100	T	4	40%
07	S27023 or MES202	Environmental Pollution and Control	20	80	100	T	4	40%
08	S27024 or MES204	Lab Activities on S27021 S27022 & S27023 or MES104, MES201 and MES202	20	80	100	P	4	40%
Semester 03: 16 Credits								
09	S27031 or MES301	Environmental Monitoring and Energy Studies	20	80	100	T	4	40%
10	S27032 or MES302	Natural Resources and Instrumentation	20	80	100	T	4	40%
11	S27033 or MES304	Environmental Microbiology, Toxicology and Chemistry	20	80	100	T	4	40%
12	S27034 or MES403	Lab Activities on S27031 and S27033 Or MES301 and MES304	20	80	100	P	4	40%
Semester 04: 16 Credits								
13	S27041 or MES303	Environmental Education, Policies and Legislation	20	80	100	T	4	40%
14	S27042 or MES401	Environmental Management – Land, Soil and Water	20	80	100	T	4	40%
15	S27043 or MES402	Environmental Geo-science	20	80	100	T	4	40%
16	S27044 or MES404	Project - Work	20	80	100	PW	4	40%

TECHNOLOGY PROGRAMMES

V55: DIP (ELECTRICAL ENGG) {2014 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min%
Semester 01								
01	T14011	Basic Science	20	80	100	T	4	50%
02	T14012	Basic Mathematics	20	80	100	T	4	50%
03	T14013	Technical Communication	20	80	100	T	4	50%
04	T14014	Engineering Mechanics	20	80	100	T	4	50%
05	T14015	TC, PP and Soft-Skills	20	80	100	TW	4	50%
06	T14016	Computer Basics and Basic Science	20	80	100	P	4	50%
Semester 02								
07	T14021	Applied Science	20	80	100	T	4	50%
08	T14022	Applied Mathematics - 1	20	80	100	T	4	50%
09	T14023	Electronic Components & Applications	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min%
10	T14024	Engineering Drawing-2	20	80	100	T	4	50%
11	T14025	Workshop Practice (Programme Specific)	20	80	100	TW	4	50%
12	T14026	Applied Science and Engineering Drawing – 1	20	80	100	P	4	50%
Semester 03								
13	T14031	Basic Electronics	20	80	100	T	4	50%
14	T14032	Applied Mathematics - 2	20	80	100	T	4	50%
15	T14033	Basic Electrical Engineering	20	80	100	T	4	50%
16	T14034	Electrical and Electronic Measurement	20	80	100	T	4	50%
17	T14035	Computer Programming	20	80	100	TW	4	50%
18	T14036	Basic Electronics, Electrical and Measurement	20	80	100	P	4	50%
Semester 04								
19	T14041	Industrial Instrumentation	20	80	100	T	4	50%
20	T14042	Transformers and DC Machines	20	80	100	T	4	50%
21	T14043	AC Machines	20	80	100	T	4	50%
22	T14044	Electrical Power Generation	20	80	100	T	4	50%
23	T14045	Industrial Instrumentation and Basic Mechanical Engineering	20	80	100	TW	4	50%
24	T14046	Transformers, DC and AC Machines	20	80	100	P	4	50%
Semester 05								
25	T14051	Industry Electrical Systems	20	80	100	T	4	50%
26	T14052	Microcontroller	20	80	100	T	4	50%
27	T14053	Power Electronics	20	80	100	T	4	50%
28	T14054	Electrical Power Transmission and Distribution	20	80	100	T	4	50%
29	T14055	Industry Electrical Systems and Energy Conservation & Audit	20	80	100	TW	4	50%
30	T14056	Microcontroller and Power Electronics	20	80	100	P	4	50%
Semester 06								
31	T14061	Industrial Management	20	80	100	T	4	50%
32	T14062	Switchgear & Protection	20	80	100	T	4	50%
33	T14063	Electrical Testing and Maintenance	20	80	100	T	4	50%
34	T14064 T15064	Elective-I: Any one of following courses Illumination Engineering Modern Electric Traction	20	80	100	T	4	50%
35	T14065	Project-Work	20	80	100	TW	4	50%
36	T14066	Electrical Testing and Maintenance and Activity Course on Elective 1	20	80	100	PW	4	50%

V62: DIP (MECH. ENGG) {2012 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01								
01	To7011	Basic Science	20	80	100	T	4	50%
02	To7012	Basic Mathematics	20	80	100	T	4	50%
03	To7013	Technical Communication	20	80	100	T	4	50%
04	To7014	TC, PP and Soft-Skills	20	80	100	TW	4	50%
05	To7015	Computer Basics and Basic Science	20	80	100	P	4	50%
Semester 02								
06	To7021	Applied Science	20	80	100	T	4	50%
07	To7022	Applied Mathematics - 1	20	80	100	T	4	50%
08	To7023	Production Processes	20	80	100	T	4	50%
09	To7024	Workshop Practice (Programme Specific)	20	80	100	TW	4	50%
10	To7025	Applied Science and Engineering Drawing – 1	20	80	100	P	4	50%
Semester 03								

SN	Code	Name	CA	EE	TM	Type	CR	Min %
11	To7031	Engineering Mechanics	20	80	100	T	4	50%
12	To7032	Applied Mathematics - 2	20	80	100	T	4	50%
13	To7033	Engineering Drawing - 2	20	80	100	T	4	50%
14	To7034	Manufacturing Technology and Engineering Mechanics	20	80	100	TW	4	50%
15	To7035	Computer Programming and Engineering Drawing-2	20	80	100	P	4	50%
Semester 04								
16	To7041	Electrical Engineering	20	80	100	T	4	50%
17	To7042	Electronics Engineering	20	80	100	T	4	50%
18	To7043	Strength of Material	20	80	100	T	4	50%
19	To7044	Mechanical Engineering Drawing	20	80	100	TW	4	50%
20	To7045	Electrical and Electronics Engineering	20	80	100	P	4	50%
Semester 05								
21	To7051	Theory of Machines and Mechanisms	20	80	100	T	4	50%
22	To7052	Thermal Engineering - 1	20	80	100	T	4	50%
23	To7053	Mechanical Engineering Materials	20	80	100	T	4	50%
24	To7054	Entrepreneurship Development and Maintenance Engineering	20	80	100	TW	4	50%
25	To7055	Theory of Machines & Mechanisms and Thermal Engineering-1	20	80	100	P	4	50%
Semester 06								
26	To7061	Machine Design	20	80	100	T	4	50%
27	To7062	Thermal Engineering - 2	20	80	100	T	4	50%
28	To7063	Fluid Mechanics and Machinery	20	80	100	T	4	50%
29	To7064	Machine Design and Thermal Engineering-2	20	80	100	TW	4	50%
30	To7065	Fluid Mechanics and Machinery	20	80	100	P	4	50%
Semester 07								
31	To7071	Metrology and Quality Control	20	80	100	T	4	50%
32	To7072	Advance Manufacturing Processes	20	80	100	T	4	50%
33	To7073	Automobile Engineering	20	80	100	T	4	50%
34	To7074	Advance Manufacturing Processes and Seminar	20	80	100	TW	4	50%
35	To7075	Metrology & Quality Control and CNC Machines	20	80	100	P	4	50%
Semester 08								
36	To7081	Industrial Management	20	80	100	T	4	50%
37	To7082	Renewable Energy Sources	20	80	100	T	4	50%
38	To7083 To8083	Elective I: Any one of following courses Refrigeration & Air-Conditioning Mechanical Measurement & Control	20	80	100	T	4	50%
39	To7084	Project-Work	20	80	100	PW	4	50%
40	To7085	Renewable Energy Sources and Elective - I Practical	20	80	100	P	4	50%

V63: DIP (E&TC ENGG) {2012 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01								
01	To4011	Basic Science	20	80	100	T	4	50%
02	To4012	Basic Mathematics	20	80	100	T	4	50%
03	To4013	Technical Communication	20	80	100	T	4	50%
04	To4014	TC, PP and Soft-Skills	20	80	100	TW	4	50%
05	To4015	Computer Basics and Basic Science	20	80	100	P	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 02								
06	To4021	Applied Science	20	80	100	T	4	50%
07	To4022	Applied Mathematics - 1	20	80	100	T	4	50%
08	To4023	Electronic Components & Applications	20	80	100	T	4	50%
09	To4024	Workshop Practice(Programme Specific)	20	80	100	TW	4	50%
10	To4025	Applied Science and Engineering Drawing-1	20	80	100	P	4	50%
Semester 03								
11	To4031	Basic Electronics	20	80	100	T	4	50%
12	To4032	Applied Mathematics - 2	20	80	100	T	4	50%
13	To4033	Basic Electrical Engineering	20	80	100	T	4	50%
14	To4034	Computer Programming	20	80	100	TW	4	50%
15	To4035	Basic Electronics and Electrical Engineering	20	80	100	P	4	50%
Semester 04								
16	To4041	Applied Electronics	20	80	100	T	4	50%
17	To4042	Digital Electronics	20	80	100	T	4	50%
18	To4043	Analog Communication	20	80	100	T	4	50%
19	To4044	Digital Electronics and Industrial Measurement	20	80	100	TW	4	50%
20	To4045	Applied Electronics and Analog Communication	20	80	100	P	4	50%
Semester 05								
21	To4051	Linear Integrated Circuits	20	80	100	T	4	50%
22	To4052	Microcontroller	20	80	100	T	4	50%
23	To4053	Digital Communication	20	80	100	T	4	50%
24	To4054	Microcontroller and Entrepreneurship Development	20	80	100	TW	4	50%
25	To4055	Linear Integrated Circuits and Digital Communication	20	80	100	P	4	50%
Semester 06								
26	To4061	Power Electronics	20	80	100	T	4	50%
27	To4062	Electronics Instruments and Measurement	20	80	100	T	4	50%
28	To4063	Advance Communication System	20	80	100	T	4	50%
29	To4064	Electronics Instruments & Measurements and Power Electronics	20	80	100	TW	4	50%
30	To4065	Video Engineering and Advance Communication System	20	80	100	P	4	50%
Semester 07								
31	To4071	Control System & PLC	20	80	100	T	4	50%
32	To4072	Computer Hardware & Networking	20	80	100	T	4	50%
33	To4073	Embedded System Design	20	80	100	T	4	50%
34	To4074	Computer Hardware & Networking and Seminar	20	80	100	TW	4	50%
35	To4075	Control System & PLC and Embedded System Design	20	80	100	P	4	50%
Semester 08								
36	To4081	Industrial Management	20	80	100	T	4	50%
37	To4082	Mobile Communication	20	80	100	T	4	50%
38	To4083 To5083	Elective-I: Any one of following courses Mechatronics Biomedical Instrumentation	20	80	100	T	4	50%
39	To4084	Project-Work	20	80	100	PW	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
40	To4085	Mobile Communication & Elective – I Practical	20	80	100	P	4	50%

V61: B.TECH. (MARINE ENGG.) {2012 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
Semester 01								
01	T11011	Communicative English	20	80	100	T	4	50%
02	T11012	Mathematics-I	20	80	100	T	4	50%
03	T11013	Engineering Mechanics	20	80	100	T	4	50%
04	T11014	Applied Electricity & Electrical Measurement	20	80	100	T	4	50%
05	T11015	Workshop Technology	20	80	100	T	4	50%
06	T11016	Applied Thermodynamics-I	20	80	100	T	4	50%
07	T11017	Applied Mechanical Lab	10	40	50	P	2	50%
08	T11018	Electrical Lab	10	40	50	P	2	50%
Semester 02								
09	T11021	Electronics-I	20	80	100	T	4	50%
10	T11022	Mathematics-II	20	80	100	T	4	50%
11	T11023	Material Science	20	80	100	T	4	50%
12	T11024	Electrical Machine-I	20	80	100	T	4	50%
13	T11025	Geometrical Engineering Drawing	20	80	100	T	4	50%
14	T11026	Applied Thermodynamics-II	20	80	100	T	4	50%
15	T11027	Electronics Lab	10	40	50	P	2	50%
16	T11028	Heat Lab	10	40	50	P	2	50%
Semester 03								
17	T11031	Electronics-II	20	80	100	T	4	50%
18	T11032	Mechanics of Machines-I	20	80	100	T	4	50%
19	T11033	Mechanics of Material-I	20	80	100	T	4	50%
20	T11034	Electrical of Machine-II	20	80	100	T	4	50%
21	T11035	Marine Machine Drawing	20	80	100	T	4	50%
22	T11036	Ship Construction	20	80	100	T	4	50%
23	T11037	Material Science Lab	10	40	50	P	2	50%
24	T11038	Electrical Machine Lab	10	40	50	P	2	50%
Semester 04								
25	T11041	Mechanics of Fluids	20	80	100	T	4	50%
26	T11042	Marine Auxiliary Machinery-I	20	80	100	T	4	50%
27	T11043	Mechanics of Material-II	20	80	100	T	4	50%
28	T11044	Marine IC Engines-I	20	80	100	T	4	50%
29	T11045	Elementary Design	20	80	100	T	4	50%
30	T11046	Naval Architecture & Ship Stability	20	80	100	T	4	50%
31	T11047	Mechanical Lab	10	40	50	P	2	50%
32	T11048	Workshop practical-I	10	40	50	P	2	50%
Semester 05								
33	T11051	Fluid Machines	20	80	100	T	4	50%
34	T11052	Marine Auxiliary Machinery-II	20	80	100	T	4	50%
35	T11053	Marine Boiler & Steam Engineering	20	80	100	T	4	50%
36	T11054	Marine IC Engine-II	20	80	100	T	4	50%
37	T11055	Marine Machine and System Design	20	80	100	T	4	50%
38	T11056	Marine Electrical Technology-I	20	80	100	T	4	50%
39	T11057	Computer Lab	10	40	50	P	2	50%
40	T11058	Workshop practical-II	10	40	50	P	2	50%
Semester 06								
41	T11061	Ship Fire Prevention	20	80	100	T	4	50%
42	T11062	Marine Auxiliary Machine-III	20	80	100	T	4	50%
43	T11063	Ship Machinery Maintenance & Dry Docking	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
44	T11064	Seamanship, Commercial Geography & ISPS	20	80	100	T	4	50%
45	T11065	Marine Control Engineering & Automation	20	80	100	T	4	50%
46	T11066	Marine Electrical Technology-II	20	80	100	T	4	50%
47	T11067	Boiler Chemical Lab	10	40	50	P	2	50%
48	T11068	Control Engineering Lab	10	40	50	P	2	50%
Semester 07								
49	T11071	STCW & Class IV Preparation-I	20	80	100	T	4	50%
50	T11072	Tanker Operation	20	80	100	T	4	50%
51	T11073	Ship-in-campus - 1	20	80	100	TW	4	50%
52	T11074	Ship-in-campus - 2	20	80	100	TW	4	50%
53	T11075	Ship-in-campus - 3	20	80	100	TW	4	50%
54	T11076	Ship-in-campus - 4	20	80	100	TW	4	50%
55	T11077	Fire Control Lab	10	40	50	P	2	50%
56	T11078	Technical Paper and Project-I	10	40	50	PW	2	50%
Semester 08								
57	T11081	STCW & Class-IV Preparation-II	20	80	100	T	4	50%
58	T11082	ER Resource Management and Leadership Skills	20	80	100	T	4	50%
59	T11083	Ship-in-campus - 5	20	80	100	TW	4	50%
60	T11084	Ship-in-campus -6	20	80	100	TW	4	50%
61	T11085	Ship-in-campus -7	20	80	100	TW	4	50%
62	T11086	Ship-in-campus - 8	20	80	100	TW	4	50%
63	T11087	Power Plant Operation	10	40	50	P	2	50%
64	T11088	Technical Paper and Project-II	10	40	50	PW	2	50%

STUDENT SERVICES

ONLINE ADMISSION PROCESS

University has adopted Online Admission Policy for all the Programmes. Guidelines and relevant details are published on the University website. Students shall refer Online Admission Process given on the University website before taking the admission form. Student shall check the availability of the Study Center for the Academic Programme to which he/ she wish to take admission from the AST School Prospectus 2021 and/ or AST Study Centre Details 2021.

PROGRAMME FEE RULES

Programme Fee Details, Eligibility Criteria and Fees Structure for Programmes offered in Academic Year 2021-22, Recognized Study Centers, etc are given in this Prospectus.

END EXAMINATION

Objective of End Examination is Assessment of the student's learning

END EXAM SCHEDULE

End examination shall be arranged in 2 sessions on each day. Normal dates and timings shall be as given below. All students and study centers are expected to note following "End Exam Time-Table" as no separate notice or intimation regarding it shall be given to any student or study center. Students are allowed to choose only those courses (**where student is admitted and registration period is valid**) for end examination, which are permitted by this "End Exam Time-Table."

Only under exceptional conditions, these dates may be changed with appropriate notice on website.

End Exam Time Table

Day and Date	Morning Session Semester 01, 02, 05, 06,09, 10, 13, 14 Start Time: 10:30 Hrs	Afternoon Session Semester 03, 04, 07, 08,11 and 12 Start Time: 14:30
End exam duration shall be for the specified time duration given on each "Question Paper" from the start time mentioned above.		
End Exam for only Theory Type of Courses, where last 3 characters of the course code are (Full course codes are used for V34, V92 and V96 Programmes)		
01st Day: Course 01 Nov or May	011, 051, 091, 131, AEC111, SEC511, MES101	031, 071, 111, SEC311, MES301
02nd Day: Course 01 Nov or May	021, 061, 101, 141, AEC211, SEC611, MES104	041, 081, 121, SEC411, MES303
03rd Day: Course 02 Nov or May	012, 052, 092, 132, S34121, S34521, S64121, S64521, MES102	032, 072, 112, S34321, S64321, MES302
04th Day: Course 02 Nov or May	022, 062, 102, 142, S34221, S34621, S64221, S64621, MES201	042, 082, 122, S34421, S64421, MES401
05th Day: Course 03 Nov or May	#013, 053, 093, 133, S37131, S37531, S67131, S67531, MES103 (# For V23 and T33 - Time 9:30- 13:30)	#033, 073, 113, S37331, S67331, MES304 (# For V23 and T33 - Time 14:30- 18:30)
06th Day: Course 03 Nov or May	023, 063, 103, 143, S37231, S37631, S67231, S67631, MES202	043, 083, 123, S37431, S67431, MES402
07th Day: Course 04 Nov or May	014, 054, 094, 134, S41141, S41541, S71141, S71541	034, 074, 114, S41341, S71341

Day and Date	Morning Session Semester 01, 02, 05, 06,09, 10, 13, 14 Start Time: 10:30 Hrs	Afternoon Session Semester 03, 04, 07, 08,11 and 12 Start Time: 14:30
08th Day: Course 04 Nov orMay	024, 064, 104, 144, S41241, S41621, S71241, S71641	044, 084, 124, S41441, S71441
09th Day: Course 05 Nov orMay	*015, 055, 095, 135 (Not applicable for T101)	035, 075, 115 (Not applicable for T101)
10th Day: Course 05 Nov orMay	*025, 065, 105, 145 (Not applicable for T101)	045, 085, 125 (Not applicable for T101)
End Exam for Practical, Term-Work, Studio or Project-Work Type of Courses shall immediately follow after the last day of end exam for theory courses, but end positively before 30-Nov (for odd semester end exam) or 30-May (For even semester end exam). Students are required to contact their allotted exam center for the detail schedule.		

Policies and Rules

1. **Last End Exam for Withdrawn Programmes** is given in the “Schedule of Last Further Admission and End Exam for Withdrawn Programmes” section, starting on pages2-4.
2. Now student shall be allowed to appear in End Exam (**as permitted by the end exam time table**) for all those courses where he/she is already admitted by the university, till last end exam attempt, if it is declared by the university.
3. University shall not specify any last end exam attempt in case of “Programmes on Offer”.
4. While declaring last end exam attempt in case of “Withdrawn Programmes”, university shall notify with clear 1 year in advance.

STUDENT EVALUATION

Student Evaluation policies are given in this Prospectus.

FROM 2010 PATTERN ONWARDS

End examination shall be conducted in totally face-to-face mode at exam centers under full supervision and control of university. Student shall not be allowed to refer any text or reference book or his/her own notes during end examination. **80% attendance shall be essential prerequisite for appearing in end exam** for Practical, Term-Work, Studio or Project-Work Type of Courses. Certification by the study center Head / Coordinator on the “End Exam Hall Ticket” shall automatically certify this minimum 80% attendance. Due to separate assessors for each section, regular moderation of answer books shall not be used for these programmes.

1. **Theory Type of Courses:** EE shall have total 20 marks and 45 minutes duration for each credit of each course. For successful completion, minimum specified marks shall be essential. Block size for EE shall be 30 students. Only5 (Five) SAQs, each of 05 marks, shall be asked on any one or more chapters from the respective credit. Out of 5 SAQs, students have to solve 4 SAQs. Only total marks shall be reported for each student.
2. **Studio with Term-Work Type of Courses:** EE shall have total 20 marks for each credit point block of the course and duration of End Exam shall be 240 minutes. For successful completion, minimum specified marks shall be essential. Batch size for EE shall be 20 students. Only total marks shall be reported for each student. There shall be internal and external examiner. Internal examiner shall be the respective academic staff at the respective study center. The university shall appoint external examiner, who must be external to the respective study center. Internal as well as external examiner shall have 50% weightage in the assessment of each student. Each examiner shall assess each student for 4 Credit course based on following criteria:

Parameter	Internal Examiner (out of 50 Marks)	External Examiner (out of 50 Marks)
Term work submission	Out of 20	Out of 20
Continuous Assessment submission	Out of 20	Out of 20

3. **Studio with Viva Type of Courses:** EE shall have total 20 marks for each credit point block of the course and duration of End Exam shall be 240 minutes. For successful completion, minimum specified marks shall be essential. Batch size for EE shall be 15 students. Only total marks shall be reported for each student. There shall be internal and external examiner. Internal examiner shall be the respective academic staff at the respective study center. The university shall appoint external examiner, who must be external to the respective study center. Internal as well as external examiner shall have 50% weightage in the assessment of each student. Each examiner shall assess each student for 4 Credit course based on following criteria:

Parameter	Internal Examiner (out of 50 Marks)	External Examiner (out of 50 Marks)
Term work submission	Out of 20	Out of 20
Continuous Assessment submission	Out of 20	Out of 20
Viva-Voce	Out of 10	Out of 10

4. **Practical Type of Courses:** EE shall have total 20 marks for each credit point block of the course and duration of End Exam shall be 240 minutes. For successful completion, minimum specified marks shall be essential. Only total marks shall be reported for each student. Batch size for EE shall be 15 students. There shall be internal and external examiner. Internal examiner shall be the respective academic staff at the respective study center. The university shall appoint external examiner, who must be external to the respective study center. Internal as well as external examiner shall have 50% weightage in the assessment of each student. Each examiner shall assess each student for 4 Credit course based on following criteria:

Parameter	Internal Examiner (out of 40 Marks)	External Examiner (out of 40 Marks)
Journal (Work-Book)	Out of 05	Out of 05
Punctuality and attendance record	Out of 05	Out of 05
Conduct of One Randomly Selected Practical Activity	Out of 10	Out of 10
Report of Practical Activity	Out of 10	Out of 10
Viva-Voce	Out of 10	Out of 10

5. **Project Work Type of Courses:** EE shall have total 20 marks for each credit point block of the course and duration of End Exam shall be 240 minutes. For successful completion, minimum specified marks shall be essential. Only total marks shall be reported for each student. Batch size for EE shall be 08 students. There shall be internal

and external examiner. Internal examiner shall be the respective academic staff at the respective study center. The university shall appoint external examiner, who must be external to the respective study center. Internal as well as external examiner shall have 50% weightage in the assessment of each student. Each examiner shall assess each student for 4 Credit course based on following criteria:

Parameter	Internal Examiner (out of 40 Marks)	External Examiner (out of 40 Marks)
Project Proposal and Review of Literature	Out of 10	Out of 10
Project Results and Report	Out of 20	Out of 20
Presentation	Out of 05	Out of 05
Viva-Voce	Out of 05	Out of 05

6. **Term Work Type of Courses:** EE shall have total 25 marks for each credit point block of the course and duration of End Exam shall be 240 minutes. For successful completion, minimum specified marks shall be essential. Only total marks shall be reported for each student. Batch size for EE shall be 30 students. There shall be internal and external examiner. Internal examiner shall be the respective academic staff/ mentor at the respective study center/ business/ service unit or industry. The university shall appoint external examiner, who must be external to the respective study center. The Study Center will appoint external examiner, in case of Learn & Earn Pattern Programmes on offer. {Refer Evaluation & Examination details mentioned for Learn & Earn Scheme given in this Prospectus}

Internal as well as external examiner shall have 50% weightage in the assessment of each student.

Example: Based on following criteria, each examiner shall assess each student for a term Work Course of 100 Marks. Similarly this criteria is proportionately applicable for a term Work Course of 200 Marks.

Parameter	Internal Examiner (out of 50 Marks)	External Examiner (out of 50 Marks)
Punctuality and attendance record	Out of 10	Out of 10
Term work submission	Out of 20	Out of 20
Viva Voce Term-work	Out of 20	Out of 20

PERFORMANCE IMPROVEMENT

Only during the valid registration period, students are allowed to improve end exam performance by reappearing in the end examination for **only theory type of course**. Only the **best of the past end exam performance shall be reported** in the Mark-Statement. But, after the award of certification in the convocation, no performance improvement shall be allowed. Hence, student must attempt 'end exam performance improvement' positively before applying for the convocation.

CONVOCATION

AWARD OF CERTIFICATION

After successful completion of all subjects at all semesters of the academic programme and only after student comply with the 'Certification Eligibility' specified for the academic programme, respective certification (like Diploma, UG Degree, PG Diploma, PG Degree) may be awarded, in person or absentia, during the next convocation. But, the application by the student for the convocation along with the payment for the specified "Convocation Fee" shall be necessary.

END EXAMINATION AND EVALUATION FEES

As per Board of Examination (BoE) resolution no. 36.5.3 dated 12.07.2019 and Board of Management (BoM) no. 170 dated 18.10.2019, the **Revised fees for the following services related to end examination and evaluation, are effective from 16th January 2020.**

SN	Description of Service	Fee in Indian Rupees (Includes Postal Charges)
1	Migration Certificate	400.00
2	Duplicate Statement of Marks(Marksheet)	200.00
3	Duplicate Convocation Certificate	400.00
4	Photocopy/Scancopy of Answer Sheets per copy by Email only	300.00
5	Revaluation of Answer book per Subject	500.00
6	TranscriptCertificate	
	(i) First Copy (Delivery in India)	1850.00
	(ii) For Outside India	2800.00
	(iii) For Every Additional Copy	400.00
7	Attestation of Marksheet	400.00
8	Verification of Educational Documents	400.00
9	Repeater Student Exam Fees (PG/Tech/Professional)	150.00 per Course (Subject)
10	Repeater Student Statement of Marks	100.00 per Marksheet
11	RepeaterPractical/Studio Work	200.00 per Course (Subject)
12	RepeaterProject work	300.00 per Course (Subject)

CONTACT US

WHOM TO CONTACT

University contact details are as follows:

Yashwantrao Chavan Maharashtra Open University (YCMOU)
Dnyangangotri, Near Gangapur Dam, Nashik – 422 222, MH, India
Phone: 0253 – 2231473, 2231714, 2231715, 2230227
Fax: 0253-2231716
<http://www.ycmou.ac.in>

1. As per the type of query, you may contact following sections / officers of the university.
2. **Always include following all details along with** your query:
 - a. Your Full Name
 - b. Your Student ID and Permanent Registration Number (PRN)
 - c. Your Programme Code and Name
 - d. Your Study Center Code and Name

Contact Points at Study Centre and YCMOU

Type of Difficulties / Problems	Contact Points
Difficulties in any course and planning of academic activities at the Study Centre	The Counsellor / Coordinator or Study Center Head at Study Centre
Registration Related Matters	Registration Head nondani@ycmou.digitaluniversity.ac Ph: (0253) 2230229. 9403774551
Student Services, Study Centre Related Matters / Grievances	Director, Student Service Division dir_ssd@ycmou.digitaluniversity.ac Ph: (0253) 2231487
Evaluation Related Matters / Grievances	Director, Evaluation dir_eval@ycmou.digitaluniversity.ac
Examination Conduction, Online Exam Form, etc Related Matters	Assistant Registrar Examination Unit 3 Ph: (0253) 2230013 Result: result@ycmou.digitaluniversity.ac
Examination, result and convocation related Matters/ Grievances	The Controller of Examination coe@ycmou.digitaluniversity.ac Ph: (0253) 2231479/2230058
Academic Matters / Study Centre Related Problems	School of Architecture, Science and Technology Ph : (0253) 2231473 director.ast@ycmou.ac.in
Grievances related to Academic Matters / Study Centre	Director School of Architecture , Science and Technology Ph : (0253) 2231473 director.ast@ycmou.ac.in

REGIONAL CENTERS

Following table provides contact information about **8** regional centers of the university.

SN	Regional Center [For Districts]	Address	Contact Details
1	Amrawati [Amrawati, Akola, Buldhana, Yawatmal, Washim]	V.M.V to Walgaon Road, Post V.M.V, Amravati - 444604	(M): 9422247292 Off: 0721-2531445 Fax: 0721-2531444 Email: rd_amravati@ycmou.digitaluniversity.ac
2	Aurangabad [Aurangabad, Beed, Jalna, Osmanabad]	Sr. No. 41, East side of Military Boys Hostel, Nandanvan Colony, Chhavni, Aurangabad - 431002	(M): 9422247293 Off: 0240-2371066/77 Fax: 0240-2371088 Email: rd_aurangabad@ycmou.digitaluniversity.ac
3	Kolhapur [Kolhapur, Sangli, Ratnagiri, Sindhudurg]	Near Shivaji University Post Office, Vidya Nagar, Kolhapur - 461004	(M): 9422247294 Off: 0231-2607022 Fax: 0231-2607023 Email: rd_kolhapur@ycmou.digitaluniversity.ac
4	Mumbai [Mumbai, Navi Mumbai, Raigad, Thane]	Jagannath Shankarsheth Municipal School, 2 nd Floor, Fraier Bridge (South), Nana Chowk, Grant Road, Mumbai - 400007	(M): 9403774534 Off: 022-23874180/23874183 Fax: 022-23874187 Email: rd_mumbai@ycmou.digitaluniversity.ac
5	Nagpur [Nagpur, Bhandara, Gondia, Chandrapur, Gadchiroli, Vardha]	Ravbahadur D. Laxminarayan Bungalow, Vidyapith Krida Parisar, Law College Campus, Ravinagar Chowk, Nagpur 1 Nagpur - 440001	(M): 9422247295 Off: 0712-2553724 Fax: 0712-2553725 Email: rd_nagpur@ycmou.digitaluniversity.ac
6	Nanded [Nanded, Latur, Parbhani, Hingoli]	Swami Ramanand Tirth Marathwada Vidyapeeth Campus, Nanak Kaman, Zari Road, Vishnupuri, Nanded - 431 606	(M): 9422247296 Off: 02462-229940 Fax: 02462-229950 Email: rd_nanded@ycmou.digitaluniversity.ac
7	Nashik [Nashik, Ahamednagar, Dhule, Jalgaon, Nandurbar]	Old Municipal Corporation Building, 2nd Floor, New Pandit Colony, Nashik - 422002	(M): 9422247297 Off: 0253-2317063 Fax: 0253-2576756 Email: rd_nashik@ycmou.digitaluniversity.ac
8	Pune [Pune, Satara, Solapur]	C/o Shahir Annabhau Sathe Prashala, Municipal School No 5, 654, Sadashiv Peth, Kumthekar Marg, Pune - 411030	(M): 9422247298 Off: 020-24457914 Fax: 020-24491107 Email: rd_pune@ycmou.digitaluniversity.ac

STUDY CENTERS

Study Centers details for all Programmes on offer and for withdrawn programmes are separately given in the document “AST Study Center Details 2021” and made available at Univ website.

APPENDICES

APPENDIX1:GR COPIES FOR LEARN & EARN SCHEME

यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ
आणि अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी
ॲंड मॅनेजमेन्ट, ठाणे यांच्या संयुक्त विद्यमानाने
चालविण्यात येणा-या "शिका व कमवा" या
योजनेसाठी शासनाची मान्यता प्रदान
करण्याबाबत..

महाराष्ट्र शासन
उच्च व तंत्र शिक्षण विभाग
शासन निर्णय क्र. मान्यता-२०१७/(१८८/१७)/विशि-३
मादाम कामा रोड, हुतात्मा राजगुरु चौक,
मंत्रालय विस्तार भवन, मुंबई ४०० ०३२.
दिनांक :- १३ मार्च, २०१८.

- वाचा-** १. शासन निर्णय उच्च व तंत्र शिक्षण विभाग क्र, टिईडी २०१०/(१४४/१०)/तांशि-५,
दि. २६ जुलै, २०१०.
२. संचालक, तंत्रशिक्षण महाराष्ट्र राज्य मुंबई यांचे पत्र क्र.१०/एनजीपी/शिका व
कमवा/२०१५/२७१, दि. १.४.२०१५ व क्र.१०/एनजीपी/शिका व कमवा/२०१५/४४६,
दि. ११.५.२०१५.
३. शासन निर्णय उच्च व तंत्र शिक्षण विभाग क्र, मान्यता-२०१४/(१४७/१४)/तांशि-५,
दि. २९ मे, २०१५.
४. कुलगुरु, यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक यांचे इरादा पत्र,
दि. ३० मार्च, २०१७.

प्रस्तावना :-

कुलगुरु, यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक यांनी दि. ३१ मार्च, २०१७
रोजी च्या पत्रान्वये अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ॲंड मॅनेजमेन्ट, ठाणे यांना काही
अभ्यासक्रम सुरु करण्याचे इरादापत्र प्रदान केले आहे. सदर इरादा पत्रातील तरतूदीनुसार
राज्यामध्ये यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठामार्फत चालविण्यात येणा-या पदविका
स्तरावरील १. डिप्लोमा इन इन्डस्ट्रियल स्किल्स (Diploma in Essential Skills), २. डिप्लोमा इन
बीझनेस स्किल्स (Diploma in Business Skills), आणि ३. डिप्लोमा इन इंडेस्ट्रीयल स्किल्स
(Diploma in industrial Skills) हे तीन अभ्यासक्रम, अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ॲंड
मॅनेजमेन्ट, ठाणे यांच्या संयुक्त विद्यमाने "शिका व कमवा" या उपक्रमांतर्गत राबविण्यात येणार
आहेत.

केंद्र शासनाच्या स्किल इंडिया या अभियानांतर्गत अधिकाधिक कुशल कामगारांची निर्मिती
करणे त्यासाठी नवनवीन कौशल्य प्रशिक्षण अभ्यासक्रम सुरु करण्यात येत आहेत. यापूर्वीच
व्यवसायिक, रिटेल, औद्योगिक इ. क्षेत्रामध्ये काम करीत असलेल्या विद्यार्थ्यांना किंवा औद्योगिक
क्षेत्रामध्ये सामावून घेणा-या प्रशिक्षणार्थ्यांना स्किल डेव्हलपमेंट या कार्यक्रमात सहभाग करून घेणे

क्रमप्राप्त तरंगार आहे. याकरीता सार्वजनिक क्षेत्र व खाजगी क्षेत्र यांनी आपापसात भागीदारी रत्वावर काम करणे आवश्यक आहे. ही बाब विचारात घेऊन बहावंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ आणि अमिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे यांच्या संयुक्त विद्यमाने "शिक्षा व कामवा" ही योजना अंमलात येणार आहे. या योजनेअंतर्गत अमिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे या संस्थेकडून काही नामवंत उद्योगांवर सार्वजनिक करार (MOU) केले जाणार आहेत. या माध्यमातून पदविका स्तरावरील अभ्यासक्रम राज्यभरत गरीब विद्यार्थ्यांना शिकत असताना on the job प्रशिक्षण देऊन त्यांना उद्योगांमध्ये व व्यवसायांमध्ये सामावून घेण्यात येणार आहे. या कालावधीत त्यांना विद्येवेतन देखील देण्यात येणार आहे. त्यामुळे गरीब विद्यार्थ्यांना मोफत पायाभूत स्वरूपाचे (Basic) उपयोजित तंत्र शिक्षण, कौशल्य शिक्षण, लेखा विषयक शिक्षण इत्यादि कौशल्याची प्राप्ती होणार असून विद्यार्थ्यांना विद्येवेतन देखील प्राप्त होणार आहे. या उपक्रमांतर्गत येणारा संपूर्ण खर्च उपभोक्ता म्हणून उद्योगकांकडून सोसण्यात येणार आहे. त्यामुळे प्रत्यक्षात शासनावर कोणत्याही प्रकारचा आर्थिक भार पडणार नाही.

त्याच अर्तीवर बहावंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक आणि अमिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे यांच्या संयुक्त विद्यमाने चालविण्यात येणा-या "शिक्षा व कामवा" या योजनेला शासनाचे सहकार्य देण्याबाबतचा प्रस्ताव शासनाच्या विचाराधीन होता. उक्त प्रस्तावाचा सर्वांगीण विचार करून शासन खालीलप्रमाणे निर्णय घेत आहे.

शासन निर्णय :-

बहावंतराव चव्हाण मुक्त विद्यापीठ आणि अमिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे यांच्या वरम्यान "शिक्षा व कामवा" या उपक्रमांतर्गत पदविका स्तरावरील प्रशिक्षणाकरिता १. डिप्लोमा इन इंडेन्सशियल स्कौल्स (Diploma in Essential Skills), २. डिप्लोमा इन बीजनेस स्कौल्स (Diploma in Business Skills), आणि ३. डिप्लोमा इन इंडेस्ट्रीयल स्कौल्स (Diploma in Industrial Skills) हे तीन अभ्यासक्रम राबविण्यासाठी विद्यापीठाने सदर संस्थेस दिलेल्या हुरादापत्रास शासनाची मान्यता प्रदान करण्यात येत आहे.

२. ही शासन मान्यता खालील अटी व शर्तीच्या अधिन राहून देण्यात येत आहे :-
१) "शिक्षा व कामवा" या उपक्रमांतर्गत सहभाग असलेल्या सर्व विद्यार्थ्यांना on the job training (कामावर असतानाचे प्रशिक्षण) उद्योग व व्यवसाय मध्ये देण्यात येते. सदर शिक्षण पूर्ण झाल्यानंतर त्यांना पदविका प्रमाणपत्र बहावंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठामार्फत देण्यात येणार आहे. ही बाब विचारात घेऊन, प्रशिक्षणासाठी "Apprenticeship Act, १९६१" मधील तरतुदीचे तंतोतंत पालन करण्याच्या अटीच्या अधिन राहून अभ्यासक्रमाच्या कालावधीत Apprentices म्हणून संबोधण्यात यावे.

पृष्ठ ४ पैकी २

- २) उक्त प्रशिक्षणाधीन प्रशिक्षणाचा कालावधी २ वर्षांपर्यंतचे जाणार नाही याची काळजी विद्यापीठाने घ्यावी. तसेच विद्यार्थ्यांना "Apprenticeship Act, १९६१" मधील तरतूदीनुसार अनुज्ञेय ठरविलेले किमान विद्यावेतन किंवा उद्योजक यापेक्षा जास्त विद्यावेतन देऊ इच्छित असेल तर ते विद्यावेतन संबंधित उद्योजक बांधकाम देण्यात यावे.
- ३) विद्यार्थ्यांसाठी साधन सामग्री, पाठ्यपुस्तके व साहित्य इत्यादी आणि प्रशिक्षणावरील इतर सर्व खर्चाचा भार ज्या उद्योगाच्या कारखान्यामध्ये विद्यार्थी प्रशिक्षण घेत असतील त्या उद्योजक आस्थापना किंवा अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे हे सोसतील.
- ४) सर्व सहभागी विद्यार्थ्यांचा विमा उतरविण्यात यावा तसेच त्यांच्या सुरक्षितता व वैद्यकीय देखभाली संदर्भात आवश्यक त्या संपाययोजना कराव्यात.
- ५) उपलब्ध सुविधांचा विचार करून वा योजनेमध्ये सहभागी होण्याचा निर्णय विद्यापीठाच्या सहमतीने घेण्याची मुभा अन्य संस्थांना राहिल. यासाठी संस्थानी आवश्यकतेनुसार अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे वा संस्थेची स्वतंत्र करारनामा करावा.
- ६) या अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे संस्थेच्या पदाधिका-बांधकाम चांगल्या वर्तमानाची ठमी घेण्यात यावी. तसेच सादर अभ्यासक्रमांचा दर्जा व गुणवत्ता ही अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे यांच्यामार्फत उत्तम राखली जाईल याची खात्री विद्यापीठाने करावी व तिचे सनियंत्रण करावे. गैरव्यवहार, घर्जा व राखणे या व अशा अन्य स्वरूपाच्या योग्य [Valid] कारणांसाठी हे अभ्यासक्रम राबविण्यास दिलेली मान्यता रद्द करण्याचे अधिकार शासनास राहतील.
- ७) या सुविधा यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक यांच्यामार्फत अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे या संस्थेस अभ्यासक्रम चालविण्यासाठी दिलेल्या मान्यतेच्या कालावधीपुरत्या मर्यादित राहतील.
- ८) या अभ्यासक्रमांच्या मान्यतेच्या/कार्यपद्धतीच्या अनुषंगाने नविन काही गुंतागुंत झाल्यास/ न्यायालयीन प्रकरण उद्भवल्यास त्याची संपूर्ण जबाबदारी यशवंतराव चव्हाण मुक्त विद्यापीठची राहिल.
- ९) शासनास आवश्यक असेल त्यावेळी शासनकडून नवीन अटी व शर्ती घालण्यात येतील.
- १०) वरील सर्व अटी व शर्ती मान्य असल्याचे बंधनपत्र संस्थेने विद्यापीठास तसेच शासनास सादर करणे आवश्यक राहिल.

३. सदर शासन निर्णय, महाराष्ट्र शासनाच्या www.maharashtra.gov.in या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा संकेतांक क्रमांक २०१८०३१३१७५११९७७०८ असा आहे. हा आदेशा डिजिटल स्वाक्षरीने साक्षांकित करून काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या शावेशानुसार व नावाने,

**Sanjay A.
Dharurkar**
(सं. जी. धारुरकर)
अवर सचिव, महाराष्ट्र शासन

प्रति,

१. कुलगुरु, महावंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक.
२. संचालक, उच्च शिक्षण, पुणे.
३. संचालक, संत शिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई.
४. संचालक, व्यवसाय शिक्षण व प्रशिक्षण, मुंबई.
५. संचालक, महाराष्ट्र राज्य तंत्रशिक्षण मंडळ, मांडो(पु) मुंबई.
६. मा. मंत्री (उ.व. तं. शि.) यांचे विशेष कार्यकारी अधिकारी, मंत्रालय, मुंबई.
७. मा. अवर मुख्य सचिव, उच्च व संत शिक्षण विभाग यांचे स्वीय सहाय्यक.
८. श्री. सुधीर विरीत, अध्यक्ष, अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ६०१, पॅराडॉइज टॉवर, ठाणे (पश्चिम) ४०० ६०१.
९. निवळ नस्ती..

पृष्ठ ४ पैकी ४

APPENDIX 2: UGC RECOGNITION (1992)

APPENDIX 1	
APPENDIX 1.1 : LETTER OF RECOGNITION FROM UGC	
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 <u>Bombay- 400032.</u>	
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. MOJ/ 63003 (241/92) UNI dated 11 th 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	

APPENDIX3:UGC EQUIVALENCE LETTER (2004)

 ज्ञान-विज्ञानं विमुक्तये	<p>विश्वविद्यालय अनुदान आयोग बहादुरशाह जफर मार्ग नई दिल्ली - ११०००२ UNIVERSITY GRANTS COMMISSION BAHADURSHAH ZAFAR MARG NEW DELHI-110002</p>
F1-52/2000(CPP-II)	5 MAY 2004
The Registrar / Director Of all the Indian Universities (Deemed, State, Central Universities / Institutions of National importance)	
Subject : Recognition of Degrees awarded by Open Universities.	
Sir/Madam,	
<p>There are a number of open Universities in the country offering various degrees/diploma through the mode of non-formal education. The Open Universities have been established in the country by an Act of Parliament or State Legislature in accordance with the provisions contained in Section 2(f) of University Grants Commission Act, 1956. These universities are, therefore, empowered to award degrees in terms of Section 22(1) of the UGC Act, 1956.</p> <p>A circular was earlier issued vide UGC letter N.F.1-8/92(CPP) dated February, 1992 mentioning that the Certificate, Diplomas and Degrees awarded by Indira Gandhi National Open University are to be treated equivalent to the corresponding awards of the Universities in the country.</p> <p>Attention is further invited to UGC circular No.F1-25/93(CPP-II) dated 28th July, 1993 (copy enclosed) for recognition of degrees and diplomas as well as transfer of credit for courses successfully completed by students between the two types of universities so that the mobility of students from Open University stream to traditional Universities is ensured without any difficulty.</p> <p>The UGC has specified the nomenclature of degrees under Section 22(3) of the UGC Act, 1956 to ensure mandatory requirements viz. minimum essential academic inputs required for awarding such degrees. A copy of Gazette Notification regarding specification of degrees issued vide No.1-52/97(CPP-II) dated 31st January 2004 is enclosed. The details are also given in UGC Web site : www.ugc.ac.in</p> <p>May, I therefore request you to treat the Degrees / Diploma / Certificates awarded by the Open Universities in conformity with the UGC notification on Specification of Degrees as equivalent to the corresponding awards of the traditional Universities in the country.</p>	
Yours faithfully (Dr. Mrs. Pankaj Mittal) Joint Secretary	
Encl. : As Above	
Copy to :	
<ol style="list-style-type: none">1. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary Education and Higher Education, Shastri Bhavan, New Delhi-110001.2. The Secretary, All Indian Council for Technical Education, I.G. Sports Complex, Indraprastha Estate, New Delhi-110002.3. The Secretary, Association of Indian Universities (AIU), 16, Comrade Inderjit Gupta Marg (Kotla Marg), New Delhi-110002.4. The Secretary, National Council for Teacher Education, I.G. Stadium, I. P. Estate, New Delhi-110002.5. The Director of Distance Education Council, IGNOU Campus, Maidan Garhi, New Delhi-110068.6. The Vice-Chancellor, Indira Gandhi National Open University, Maidan Garhi, New Delhi-110068.7. The Vice-Chancellor, Dr. B. R. Ambedkar Open University, Road, No. 46, Jubilee Hills, Hyderabad-500033. (AP)8. The Vice-Chancellor, Nalanda Open University, West Gandhi Maidan, Patna-800001 (Bihar)9. The Vice-Chancellor, Dr. Babasaheb Ambedkar Open University, Shahigaug, Ahmedabad-380003 (Gujarat)10. The Vice-Chancellor, Karnataka State Open University, Manasagangotri, Mysore-570006 (Karnataka)11. The Vice-Chancellor, Yashwantrao Chavan Maharashtra Open University, Nashik-422222 (Maharashtra)12. The Vice-Chancellor, Kota Open University, Vardhaman Mahaveer Open University, Kota-324010 (Rajasthan)13. The Vice-Chancellor, Netaji Subhash Open University, Kolkata-700020 (West Bengal)14. The Vice-Chancellor, Madhya Pradesh Bhoj (Open) University, Bhopal-462016 (M.P.)	
(V.K. Jaiswal) Under Secretary	

मुक्त विद्यापीठाच्या पदव्यांना समकक्षता व शासनमान्यता

(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 केले 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 शासनमान्यता

विद्यापीठ अनुदान आयोगाने मान्यता दिलेली विद्यापीठे

राज्य सेवेतील पदासाठी पदवी/पदविका मान्यता

महाराष्ट्र शासन

सामान्य प्रशासन विभाग

शासन निर्णय : क्रमांक आरजीडी-१३९४/प्र.क्र. २१/९४/१३, मंत्रालय, मुंबई
४००३२, दिनांक ८ मार्च १९९५

वाचा : (१) सामान्य प्रशासन विभाग, शासन निर्णय क्रमांक आरजीडी-१०६१/१८९६७/१९४ - जे दिनांक २१ ऑगस्ट १९६९

शासन निर्णय : महाराष्ट्र लोक सेवा आयोगाशी विचार विनियम 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 - १०६१/१८९६७/१९४/जे दिनांक २१ ऑगस्ट १९६९ मध्ये नमूद केलेल्या आणि वर परिच्छद १ मध्ये उद्धृत केलेल्या हेतूसाठी सदर सर्व विद्यापीठे/संस्था यांनी प्रदान केलेल्या पदवी/पदविकांना आपोआप मान्यता देण्यात आल्याचे समजण्यात यावे.

महाराष्ट्रचे 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 आनुक्त व उप लोक आनुक्त यांचे कार्यालय, मुंबई
- (११) सर्व मंत्रालयीन शिक्षण
- (१२) मंत्रालयीन विभागांच्या नियंत्रणाच्या 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 5: ADMISSION FOR MORE THAN 1 PROGRAMME

DISTANCE EDUCATION COUNCIL INDIRA GANDHI NATIONAL OPEN UNIVERSITY

15983-16229

F.No.DEC/Notification/40.5.1.5/2012

Dated:01.11.2012

NOTIFICATION

Sub: Policy on pursuing two or more programmes simultaneously in various combinations - regarding.

The Distance Education Council in its 40th meeting held on 08.06.2012 has decided on the policy on pursuing two or more programmes simultaneously in various combinations. Two degree programmes cannot be allowed to be pursued simultaneously. However, a student can pursue two programmes simultaneously through distance or combination of distance and regular modes from the same or different University(ies)/ Institution(s) in various combinations, viz.,

1. One Degree and one Diploma/Post Graduate Diploma/Certificate
2. One Post Graduate Diploma and one Diploma/Certificate
3. One Diploma and one Certificate
4. Two Post Graduate Diplomas
5. Two Diplomas
6. Two Certificates

This is for information and adherence by all concerned.



(DIRECTOR)

To

VCs of all SOUs/ Heads of DEIs

3. The Registrar
YCMOU
Dnyanagotri, Near Gangapur Dam
Nashik-422 222,
MAHARASHTRA