

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

# **AST School Prospectus 2018-19**

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

**2018-19**

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# YCMOU ACADEMIC CALENDAR

General University Academic Calendar is given in YCMOU Common Prospectus:2018-19. Student shall refer this general and Programme specific calendar given below.

## AST SCHOOL PROGRAMME CALENDAR

Teaching-Learning of students admitted in a **single** academic year shall start from **01-Sep.** every year. **(For all Programmes)**

SN	Activity Description	<b>Odd</b> semesters like 01, 03, 05 and 07 <b>From 01-Sep Till 31-Jan</b>	<b>Even</b> semesters like 02, 04, 06 and 08 <b>From 01-Feb Till 31-Jul</b>
<b>Admission: offered on Annual basis collectively for 2 semesters in each academic year.</b>			
01	Fresh and Further Admission	From Jul Till Aug	From Jan Till Feb
<b>Teaching - Learning</b>			
02	Teaching – Learning (16 Weeks)	From 01-Sep Till 21-Dec	From 01-Mar Till 23-Jun
03	Teaching–Learning Backlog Clearing	From 22-Dec to 04-Jan	From 24-Jun to 04-Jun
<b>End Exam (EE) Form Submission (Required only for Repeater Students)</b>			
04	EE Form Submission by students at SC	On or Before 30-Nov	On or Before 30-May
05	EE Form Submission by SCs at University	On or Before 05-Dec	On or Before 05-Jun
<b>Continuous Assessment (CA) Submission</b>			
06	CA Availability	From 01-Sep Till 30-Dec	From 01-Mar Till 30-Jun
07	CA Submission by Students	From 01-Dec Till 30-Dec	From 01-Jun Till 30-Jun
<b>End Examination (EE)</b>			
08	End Exam for Theory Courses	From 05-Jan Till 16-Jan	From 05-Jul Till 16-Jul
09	EE for Activity Courses (Pr, TW, PW, STW, SV)	Immediately after the last day of end exam for theory courses, but <b>positively before</b> 31-Jan	Immediately after the last day of end exam for theory courses, but <b>positively before</b> 31-Jul
10	End Exam Result Declaration	On or Before 20-Mar	On or Before 20-Sep
<b>Semester End Vacation</b>			
11	Semester End Vacation	February 2019	August 2018

## SCHEDULE OF LAST FURTHER ADMISSION AND END EXAM FOR **WITHDRAWN PROGRAMMES**

SN	Programme Details	Last Further Admission Time Slot	Last End Exam
<b>Architecture and Design</b>			
<b>Diploma: 01, UG: 03, PG: 04, Total: 08</b>			
01	<b>V40:</b> Foundation Diploma in Architecture and Design (FDAD) {2011 Pattern}: 2 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2018	Dec 2020/ Jan 2021
02	<b>T63-</b> B.Arch. (General): 5 Years duration, <b>withdrawn in 2010</b>	During Jun-Aug 2016	Jun/ Jul 2019
03	<b>V22:</b> B.Arch. (General) {2010 Pattern}:5 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2021	Dec 2023/ Jan 2024
04	<b>V41:</b> M.Arch. (General) {2011 Pattern}: 2 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2018	Dec 2020/ Jan 2021
05	<b>V42:</b> M.Arch. (Const. Mgmt.) {2011 Pattern}: 2 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2018	Dec 2020/ Jan 2021
06	<b>V43:</b> M.Arch. (Env. Arch.) {2011 Pattern}: 2 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2018	Dec 2020/ Jan 2021
07	<b>V44:</b> M.Arch. (Urban and Regional Planning) {2011 Pattern}: 2 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2018	Dec 2020/ Jan 2021
08	<b>V28:</b> B.Des. {2014 Pattern} 4 Years duration, <b>Withdrawn in 2018</b>	During Jun-Aug 2022	Dec 2022/ Jan 2023
<b>Science</b>			
<b>UG: 06, PG: 06, Total: 12</b>			
01	<b>T80-</b> B.Sc. (Bio-Informatics): 3 Years duration, <b>withdrawn in 2015</b>	During Jun-Aug 2018	Jun/ Jul 2021
02	<b>T82-</b> B.Sc. (Bio-Technology) {2006 Pattern}: 3 Years duration, <b>withdrawn in 2015</b>	During Jun-Aug 2018	Jun/ Jul 2021
03	<b>T82:</b> B.Sc. (Bio-Technology) {2015 Pattern}: 3 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2019	Dec 2021/ Jan 2022
04	<b>V26-</b> B.Sc. (Nautical Science) {2010 Pattern}: 3 Years duration, <b>withdrawn in 2015</b>	During Jun-Aug 2018	Jun/ Jul 2021
05	<b>V45-</b> B.Sc. (Actuarial Science) {2011 Pattern}:3 Years duration, <b>withdrawn in 2015</b>	During Jun-Aug 2018	Jun/ Jul 2021
06	<b>V45-</b> B.Sc. (Actuarial Science) {2015 Pattern}:3 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2019	Dec 2021/ Jan 2022
07	<b>T81-</b> M.Sc. (Bio-Informatics): 2 Years duration, <b>withdrawn in 2015</b>	During Jun-Aug 2017	Jun/ Jul 2020

SN	Programme Details	Last Further Admission Time Slot	Last End Exam
08	<b>T83-</b> M.Sc. (Bio-Technology) {2006 Pattern}:2 Years duration, withdrawn in 2015	During Jun-Aug 2017	Jun/ Jul 2020
09	<b>T83:</b> M.Sc.(Bio-Technology) {2015 Pattern}: 2 Years duration, <b>withdrawn in 2016</b>	During Jun-Aug 2018	Dec 2020/ Jan 2021
10	<b>V34-</b> M.Sc. (Environmental Science), 2 Years duration, withdrawn in 2015	During Jun-Aug 2017	Jun/ Jul 2021
11	<b>V46-</b> M.Sc. (Actuarial Science) {2011 Pattern}, 2 Years duration, withdrawn in 2015	During Jun-Aug 2017	Jun/ Jul 2021
12	<b>V47-</b> M.Sc. (Industrial Engineering):2 Years duration, withdrawn in 2015	During Jun-Aug 2017	Jun/ Jul 2020
<b>Technology and Engineering Diploma: 11, UG: 05, Total: 16</b>			
01	<b>T03:</b> Diploma in Computer Technology (DCT), 3½ Years Duration, withdrawn from 2012	During Jun-Aug 2015	Jun/ Jul 2018
02	<b>T05:</b> Diploma in Industrial Electronics (D Ind E), 3½ Years Duration, withdrawn from 2012	During Jun-Aug 2015	Jun/ Jul 2018
03	<b>T06:</b> Diploma in Instrumentation Engineering (D Ins E), 3½ Years Duration, withdrawn from 2012	During Jun-Aug 2015	Jun/ Jul 2018
04	<b>T07:</b> Diploma in Communication Engineering (DCE), 3½ Years Duration, withdrawn from 2012	During Jun-Aug 2015	Jun/ Jul 2018
05	<b>T24:</b> Diploma in Mechanical Engineering (DME), 3½ Years Duration, withdrawn from 2012	During Jun-Aug 2016	Jun/ Jul 2018
06	<b>T50:</b> Diploma in Production Engineering (DPE), 4 Years Duration, withdrawn from 2012	During Jun-Aug 2015	Jun/ Jul 2018
07	<b>T51:</b> Diploma in Automobile Engineering (DAE), 4 Years Duration, withdrawn from 2012	During Jun-Aug 2015	Jun/ Jul 2018
08	<b>T52:</b> Diploma in Thermal Engineering (DTE), 4 Years Duration, withdrawn from 2012	During Jun-Aug 2015	Jun/ Jul 2018
09	<b>V55:</b> Diploma in Electrical Engg.{2014 Pattern}: 3 Years Duration, <b>withdrawn in 2016</b>	During Jun-Aug 2019	Dec 2021/ Jan 2022
10	<b>V62:</b> Diploma in Mechanical Engg.{2012 Pattern}: 4 Years Duration, <b>withdrawn in 2016</b>	During Jun-Aug 2020	Dec 2022/ Jan 2023
11	<b>V63:</b> Diploma in Electronics and Telecommunication Engg.{2012 Pattern}: 4 Years Duration, <b>withdrawn in 2016</b>	During Jun-Aug 2020	Dec 2022/ Jan 2023
12	<b>T33-</b> B.Tech. (Marine):4 Years duration, withdrawn in 2010	During Jun-Aug 2015	Jun/ Jul 2018
13	<b>T34-</b> B.Tech. (Electronics):6 Years duration, withdrawn in 2010	During Jun-Aug 2017	Jun/ Jul 2020

SN	Programme Details	Last Further Admission Time Slot	Last End Exam
14	<b>T35</b> - B.Tech. (Mechanical):6 Years duration, withdrawn in 2010	During Jun-Aug 2017	Jun/ Jul 2020
15	<b>V23</b> - B.Tech. (Marine):4 Years duration, withdrawn in 2012	During Jun-Aug 2017	Jun/ Jul 2020
16	<b>V61</b> - B.Tech. (Marine Engg) {2012 Pattern}:4 Years duration, withdrawn in 2015	During Jun-Aug 2020	Jun/ Jul 2023

**Production:** The Manager, PPC, YCMOU, Nashik – 422222



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**Price:** **Free Download from Website. No Print Copy.**

**First Publication:** 18 July 2018,

**Second Publication:** 24 August 2018,

**Typesetting:** PPC, YCMOU, Nashik

**Publisher:** The Registrar, YCMOU, Nashik

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# ABOUT US

## ABOUT UNIVERSITY

Yashwantrao Chavan Maharashtra Open University (YCMOU) was established in July 1989 by the 'Act XX-(1989)' of the Maharashtra State Legislature. This university is recognized 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. It is the fifth Open University in the country.

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.

## STUDY CENTERS OF PROGRAMMES

### Study Centers outside Maharashtra

Due to recent amendment in the act, this university had recognized study centers outside the state of Maharashtra. But, as per the judgment of Hon Supreme Court of India (**SCoI**), all study centers from outside the state of Maharashtra, **are now de-recognized for fresh admissions**. However, as per the approved university rules, **previously enrolled students at these study centers shall continue to take further admissions to next semesters till specified last month and year**. These study centers are required to provide all specified student services to these previously enrolled students as per the approved university rules.

### Study Centers in Maharashtra

Similarly all the recognized study centers 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>** and at **<http://ycmou.digitaluniversity.ac>** 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.

## **DEFINITIONS**

Definitions of few important terms are given in “**Before We Begin**” section in **YCMOU Common Prospectus: 2018-19**.

## **ABOUT SCHOOL**

### **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 43 Academic Programmes are from the School of Architecture, Science & Technology during academic year 2018-2019.

Level	Programmes of Offer(7) Admission and/ or Examination: Fresh Yes, Further Yes New SC Recognition: Yes	Withdrawn Programmes(36) Admission and/ or Examination: Fresh No, Further Yes New SC Recognition: No
<b>Design(0) (1)</b>		
UG (0)(1)	-	<b>V28:</b> B.Des. {2014 Pattern}
<b>Skill (1) (0)</b>		
Diploma (1)(0)	<b>T101:</b> Diploma in Essential Skills (DES) {2017 Pattern}	-
<b>Science (6)(12)</b>		
UG (2)(6)	<b>V96:</b> B.Sc. (Actuarial Science) {2016 Pattern} <b>V92:</b> B.Sc. (PCM) {2015 Pattern}	<b>T80:</b> B.Sc. (Bio-Informatics) <b>T82:</b> B.Sc. (Bio-Technology) {2006 Pattern} <b>T82:</b> B.Sc. (Bio-Technology) {2015 Pattern} <b>V26:</b> B.Sc. (Nautical Science) {2010 Pattern} <b>V45:</b> B.Sc. (Actuarial Science) {2011 Pattern} <b>V45:</b> B.Sc. (Actuarial Science) {2015 Pattern}
PG (3)(6)	<b>V46:</b> M.Sc. (Actuarial Science) {2015 Pattern} <b>V57:</b> M.Sc. (Mathematics) {2015 Pattern} <b>V58:</b> M.Sc. (Environmental Science) {2015 Pattern}	<b>T81:</b> M.Sc. (Bio-Informatics) <b>T83:</b> M.Sc. (Bio-Technology) {2006 Pattern} <b>T83:</b> M.Sc. (Bio-Technology) {2015 Pattern} <b>V34-</b> M.Sc. (Environmental Science) <b>V46:</b> M.Sc. (Actuarial Science) {2011 Pattern} <b>V47:</b> M.Sc. (Industrial Engineering) {2011 Pattern}
Ph.D. (1)	<b>R83:</b> Ph.D. (Organic Chemistry)	
<b>Architecture (0) (07)</b>		
Diploma (0)(1)	-	<b>V40:</b> Foundation Diploma in Architecture and Design {2011 Pattern}

Level	Programmes of Offer(7) Admission and/ or Examination: Fresh <b>Yes</b> , Further <b>Yes</b> New SC Recognition: <b>Yes</b>	Withdrawn Programmes(36) Admission and/ or Examination: Fresh <b>No</b> , Further <b>Yes</b> New SC Recognition: <b>No</b>
UG <b>(0)(2)</b>	-	<b>T63:</b> B.Arch (General) <b>V22:</b> B.Arch. (General) {2010 Pattern}
PG <b>(0)(4)</b>	-	<b>V41:</b> M.Arch. (General) {2011 Pattern} <b>V42:</b> M.Arch. (Construction Management) {2011 Pattern} <b>V43:</b> M.Arch. (Environmental Architecture) {2011 Pattern} <b>V44:</b> M.Arch. (Urban and Regional Planning) {2011 Pattern}
<b>Engineering and Technology (0) (16)</b>		
Diploma <b>(0)(11)</b>		<b>T03:</b> Diploma in Computer Technology {2010 Pattern} <b>T05:</b> Diploma in Industrial Electronics {2010 Pattern} <b>T06:</b> Diploma in Instrumentation Engineering {2010 Pattern} <b>T07:</b> Diploma in Communication Engineering {2010 Pattern} <b>T24:</b> Diploma in Mechanical Engineering {2010 Pattern} <b>T50:</b> Diploma in Production Engineering {2010 Pattern} <b>T51:</b> Diploma in Automobile Engineering {2010 Pattern} <b>T52:</b> Diploma in Thermal Engineering {2010 Pattern} <b>V55:</b> Diploma in Electrical Engineering (DEE) {2014 Pattern} <b>V62:</b> Diploma in Mechanical Engineering (DME) {2012 Pattern} <b>V63:</b> Diploma in Electronics and Telecommunication Engineering (DETE) {2012 Pattern}

Level	Programmes of Offer(7) Admission and/ or Examination: Fresh <b>Yes</b> , Further <b>Yes</b> New SC Recognition: <b>Yes</b>	Withdrawn Programmes(36) Admission and/ or Examination: Fresh <b>No</b> , Further <b>Yes</b> New SC Recognition: <b>No</b>
UG (0)(5)	-	<b>T33:</b> B.Tech. (Marine Engineering) <b>T34:</b> B.Tech. (Electronics Engineering) <b>T35:</b> B.Tech. (Mechanical Engineering) <b>V23:</b> B.Tech. (Marine Engineering) {2010 Pattern} <b>V61:</b> 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. Attestation by the study center on “End Exam Hall Ticket” shall certify this minimum attendance.

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.

### 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 at <https://www.ugc.ac.in/deb/pdf/Recognition%20for%202016-17-%20DEB-26.10.2017.pdf> on Page 4 of 9. The legal status of this university is at par with all other statutory universities of India.

### 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.

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/>** and is also available at **<http://ycmou.digitaluniversity.ac/>** 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. "**Academic Year**" means - duration of 1 year which **starts** for
  - a. **Odd Semesters** from **01-Aug** and **ends on 31-Jan**.
  - b. **Even Semesters** from **01-Feb** and **ends on 31-Jul**.
2. "**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.
3. "**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

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

Course Types	Batch for Counseling Session	Batch for End Exam
Theory Courses	Architecture: 40 Science: 60 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. **"Study Center"** means - a place where the students attend the counseling sessions 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. **"Online Further Admission"** means –**all next** admissions (**after first admission**) to the each successively higher numbered year/ semesters of the academic programme. Students having Permanent Registration Number (**PRN**) are eligible to apply for the **Online Further Admission**. The students have to complete similar process as mentioned for the Fresh Admission.
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 sessions conducted at study centers, during which a qualified person explains 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 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. “**Ön-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 <b>each</b> Theory Type of Course (Subject) of <b>4 Credits</b> Duration of <b>each</b> counseling session shall be <b>01 Clock Hour.</b>	For <b>each</b> Activity Type of Course (Subject) of <b>4 Credits</b> Duration of <b>each</b> counseling session shall be <b>02 Clock Hour.</b>
<b>Dip</b>	T101: Diploma in Essential Skills	12	08 Hrs of “On Job Training” during <b>each</b> of 26 Work days
<b>UG</b>	V92: Bachelor of Science {2015 Pattern}	12	12
	V96: B.Sc. (Actuarial Science) {2016 Pattern}	12	12
<b>PG</b>	V46: M.Sc. (Actuarial Science) {2015 Pattern}	12	Not Applicable
	V57: M.Sc. (Mathematics) {2015 Pattern}	12	Not Applicable
	V58: M.Sc. (Environmental Science) {2015 Pattern}	12	12
<b>PhD</b>	R83:Ph.D. (Organic Chemistry)	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.

### BEFORE 2010 PATTERN

1. **"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 25 marks only.

2. "**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.**
3. "**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.
4. "**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 5 SAQs on **each** credit in 'End Exam (EE)' for any theory type of course.
5. "**Total Marks (TM)**": 'Total Marks (TM)' shall be total marks acquired by the student in each course in 'End Examination (EE)'.

## 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 V40, V22, V28, V41, V42, V43, V44 programmes from "Architecture and Design" discipline **and**

- ii. V26, V34, V47 programmes from “Science” discipline **and**
  - iii. V55, V62, V63 programmes from “Engineering and Technology” discipline **and**
  - iv. all other “Withdrawn Programmes” from earlier Patterns
- b. **“P”** (Pass) letter grade for **all** courses at **all** semesters
- i. For all other “Programmes on Offer {2015 Pattern} **except** “V26, V34, V47”

## 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	Marks %	Class
O	10	95.00 – 100.00	Outstanding
A+	9	85.00 – 94.99	Excellent
A	8	75.00 – 84.99	Very Good
B+	7	65.00 – 74.99	Good
B	6	55.00 – 64.99	Above Average
C	5	45.00 – 54.99	Average
<b>P</b>	<b>4</b>	<b>35.00 – 44.99</b>	<b>Pass</b>
<b>F</b>	<b>0</b>	<b>00.00 – 34.99</b>	<b>Fail</b>
<b>Ab</b>	<b>0</b>	<b>00.00</b>	<b>Absent</b>

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 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 of ₹ 500 is payable to university along with the ‘Exam Form’, for **each** repeat end exam attempt.
10. **L**: Level of Programme
11. **LD**: Library Deposit is refundable. For Indian Citizen Students, LD shall be ₹ 2000, payable to allotted study center.

12. **M:** Teaching-Learning Mode of Programme
13. **MA:** Maximum number of Attempts
14. **MDP:** Minimum Duration of Programme
15. **MoI:** Medium of Instruction of Programme
16. **MRA:** Minimum Required Attendance for Programme
17. **NA:** Not Applicable
18. **P:** Pattern (Semester / Annual) of Programme
19. **PA:** Peer Assessment
20. **PG:** Post-Graduate
21. **PGD:** Post-Graduate Diploma
22. **RS:** Reporting Semesters
23. **SCF:** Study Center Fee for **each** semester
24. **Sem:** Semester
25. **Sylb:** Syllabus location
26. **Total:** Total Fee for each semester
27. **UPF:** University Programme Fee for each semester which also **includes** exam fee for the first compulsory end exam attempt for all courses at the semester.
28. **UG:** Under-Graduate
29. **VRP:** Valid Registration Period

## PROGRAMMES ON OFFER

For all “**Programmes on Offer**” (**Total 07 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	0	1
UG	0	2	2
PG	0	3	3
PhD	0	1	1
<b>Total</b>	<b>1</b>	<b>6</b>	<b>7</b>

## SKILL PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination														
<b>Diploma (1 Programmes)</b>																		
<b>T101:</b> Diploma in Essential Skills (DES) {2017 Pattern}  <b>Sem:</b> 2 <b>Credits:</b> 48 <b>Courses:</b> 10	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Skill <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 1 year after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> NA <b>Sylb:</b> Website	<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2">For each Sem</td></tr> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>800</td></tr> <tr><td>SCF</td><td>Nil</td></tr> <tr><td>Total</td><td>800</td></tr> <tr><td colspan="2">For each Year</td></tr> <tr><td>AAFA</td><td>1600</td></tr> </table>	For each Sem		Desc	Amount	UPF	800	SCF	Nil	Total	800	For each Year		AAFA	1600	<b>AE:</b> <b>Fresh:</b> SSC (10 <sup>th</sup> ) or eq(Like YCMOU Prep) Pass. <b>Age:</b> 18 Yrs minimum <b>Further:</b> NA. <b>VRP:</b> consecutive 3 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 01 & 02  <b>MA:</b> <b>CA:</b> Max 02 Attempts <b>PA:</b> Max 01 Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
For each Sem																		
Desc	Amount																	
UPF	800																	
SCF	Nil																	
Total	800																	
For each Year																		
AAFA	1600																	

## SCIENCE PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination														
<b>Under-Graduate Degree (2 Programmes)</b>																		
<b>V92:</b> B.Sc. (PCM) {2015 Pattern}  <b>Sem:</b> 6 <b>Credits:</b> 120 <b>Courses:</b> 30	<b>CBCS: Yes</b> <b>Grading: Yes</b> <b>C:</b> General <b>L:</b> UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2">For each Sem</td></tr> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>1000</td></tr> <tr><td>SCF</td><td>2000</td></tr> <tr><td>Total</td><td>3000</td></tr> <tr><td colspan="2">For each Year</td></tr> <tr><td>AAFA</td><td>2000</td></tr> </table>	For each Sem		Desc	Amount	UPF	1000	SCF	2000	Total	3000	For each Year		AAFA	2000	<b>AE:</b> <b>Fresh:</b> Any HSC (12TH)/D.Ed. or eq (Like FDAD or YCMOU Preparatory and 18 Yrs minimum Age) Pass. <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Max 5 EE attempt during <b>each</b> semester till last end exam, if specified
For each Sem																		
Desc	Amount																	
UPF	1000																	
SCF	2000																	
Total	3000																	
For each Year																		
AAFA	2000																	



Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination										
<b>V96:</b> B.Sc. (Actuarial Science) {2016 Pattern}  <b>Sem:</b> 6 <b>Credits:</b> 96 <b>Courses:</b> 24	<b>CBCS: Yes</b> <b>Grading: Yes</b> <b>C:</b> Professional <b>L:</b> UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<b>For each Sem</b> <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>17000</td></tr> <tr><td>SCF</td><td>39000</td></tr> <tr><td>Total</td><td>56000</td></tr> </table> <b>For each Year</b> <table border="1"> <tr><td><b>AAFA</b></td><td><b>34000</b></td></tr> </table>	Desc	Amount	UPF	17000	SCF	39000	Total	56000	<b>AAFA</b>	<b>34000</b>	<b>AE:</b> <b>Fresh:</b> Any HSC (12 <sup>th</sup> ) or eq (Like FDAD or YCMOU Preparatory and 18 Yrs minimum Age) Pass + Aptitude Test. <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	17000													
SCF	39000													
Total	56000													
<b>AAFA</b>	<b>34000</b>													
<b>Post-Graduate Degree (3 Programmes)</b>														
<b>V46:</b> M.Sc. (Actuarial Science) {2015 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 96 <b>Courses:</b> 24	<b>CBCS: Yes</b> <b>Grading: Yes</b> <b>C:</b> Professional <b>L:</b> PG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 2 years after any Graduation <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<b>For each Sem</b> <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>29000</td></tr> <tr><td>SCF</td><td>67000</td></tr> <tr><td>Total</td><td>96000</td></tr> </table> <b>For each Year</b> <table border="1"> <tr><td><b>AAFA</b></td><td><b>58000</b></td></tr> </table>	Desc	Amount	UPF	29000	SCF	67000	Total	96000	<b>AAFA</b>	<b>58000</b>	<b>AE:</b> <b>Fresh:</b> B.Sc./ B.Com. or Any Graduate Pass  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	29000													
SCF	67000													
Total	96000													
<b>AAFA</b>	<b>58000</b>													
<b>V57:</b> M.Sc. (Mathematics) {2015 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 80 <b>Courses:</b> 20	<b>CBCS: Yes</b> <b>Grading: Yes</b> <b>C:</b> General <b>L:</b> PG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 2 years after B.Sc. / B.A. with Maths/ B.E. <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<b>For each Sem</b> <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>3000</td></tr> <tr><td>SCF</td><td>3000</td></tr> <tr><td>Total</td><td>6000</td></tr> </table> <b>For each Year</b> <table border="1"> <tr><td><b>AAFA</b></td><td><b>6000</b></td></tr> </table>	Desc	Amount	UPF	3000	SCF	3000	Total	6000	<b>AAFA</b>	<b>6000</b>	<b>AE:</b> <b>Fresh:</b> B.Sc. B.C.S., B.C.A. or B.A. with Maths/ B.E. or eq Pass with Mathematics  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	3000													
SCF	3000													
Total	6000													
<b>AAFA</b>	<b>6000</b>													

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination								
<b>V58:</b> M.Sc. (Environmental Science) {2015 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 64 <b>Courses:</b> 16	<b>CBCS: Yes</b> <b>Grading: Yes</b> <b>C:</b> General <b>L:</b> PG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 2 years after B.Sc. / B.E. / B.Tech. / B.Pharm/BAMS <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For <b>each Sem</b> <table border="1"> <thead> <tr> <th>Desc</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>UPF</td> <td>3000</td> </tr> <tr> <td>SCF</td> <td>6000</td> </tr> <tr> <td>Total</td> <td>9000</td> </tr> </tbody> </table>	Desc	Amount	UPF	3000	SCF	6000	Total	9000	<b>AE:</b> <b>Fresh:</b> B.Sc., B.E., B.Tech, B.Pharm./ BAMS or eq Pass  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
		Desc	Amount									
UPF	3000											
SCF	6000											
Total	9000											
For <b>each Year</b> <b>AAFA</b> <b>6000</b>												
<b>Ph.D. Degree (1 Programme)</b>												
<b>R83:</b> PhD (Organic Chemistry)	Admission Rules and Degree Award as per the PhD Ordinance of University available on the Univ Website											

## WITHDRAWN PROGRAMMES

For all “Withdrawn Programmes” (Total 36 Programmes):

1. Fresh Admissions **shall not be offered**
2. Further Admissions **shall be offered**

### Statistical Information about Withdrawn Programmes:

Discipline → Level ↓	Design	Science	Architecture	Technology	Total
Diploma	0	0	1	11	<b>12</b>
UG	1	6	2	5	<b>14</b>
PG	0	6	4	0	<b>10</b>
<b>Total</b>	<b>1</b>	<b>12</b>	<b>7</b>	<b>16</b>	<b>36</b>

## DESIGN PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination	
<b>Under-Graduate Degree (1 Programmes)</b>					
<b>V28:</b> B.Des. {2014 Pattern}  <b>Sem:</b> 8 <b>Credits:</b> 192 <b>Courses:</b> 55	<b>CBCS: No Grading: No</b> <b>C:</b> Professional <b>L:</b> UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 4 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<b>For each Sem</b>		<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 & 08  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
		Desc	Amount		
		UPF	8500		
		SCF	19500		
<b>Total</b>		<b>28000</b>			
<b>For each Year</b>		<b>AAFA 17000</b>			

## SCIENCE PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination	
<b>Under-Graduate Degree (6 Programme)</b>					
<b>T80:</b> B.Sc. (Bio-Informatics)  <b>Sem:</b> 6 <b>Credits:</b> 120 <b>Courses:</b> 30	<b>CBCS: No Grading: No</b> <b>C:</b> Professional <b>L:</b> UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<b>For each Sem</b>		<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40%, Min 50% at RS <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
		Desc	Amount		
		UPF	2500		
		SCF	5500		
<b>Total</b>		<b>8000</b>			
<b>For each Year</b>		<b>AAFA 5000</b>			
<b>T82:</b> B.Sc. (Bio-Technology) {2006 Pattern}  <b>Sem:</b> 6 <b>Credits:</b> 120 <b>Courses:</b> 30	<b>CBCS: No Grading: No</b> <b>C:</b> Professional <b>L:</b> UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<b>For each Sem</b>		<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40%, <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
		Desc	Amount		
		UPF	2500		
		SCF	5500		
<b>Total</b>		<b>8000</b>			
<b>For each Year</b>		<b>AAFA 5000</b>			

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination										
<b>T82:</b> B.Sc. (Bio-Technology) {2015 Pattern}  <b>Sem:</b> 6 <b>Credits:</b> 120 <b>Courses:</b> 30	<b>CBCS: No</b> <b>Grading: Yes</b> <b>C:</b> Professional L: UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>5500</td></tr> <tr><td>Total</td><td>8000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>5000</b></td></tr> </table>	Desc	Amount	UPF	2500	SCF	5500	Total	8000	<b>AAFA</b>	<b>5000</b>	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40%, <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	5500													
Total	8000													
<b>AAFA</b>	<b>5000</b>													
<b>V26:</b> B.Sc. (Nautical Science) {2010 Pattern}  <b>Sem:</b> 6 <b>Credits:</b> 136 <b>Courses:</b> 59	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Professional L: UG <b>M:</b> FT-FTF-EWEL (Residential) <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>9500</td></tr> <tr><td>SCF</td><td>22500</td></tr> <tr><td>Total</td><td>32000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>19000</b></td></tr> </table>	Desc	Amount	UPF	9500	SCF	22500	Total	32000	<b>AAFA</b>	<b>19000</b>	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	9500													
SCF	22500													
Total	32000													
<b>AAFA</b>	<b>19000</b>													
<b>V45:</b> B.Sc. (Actuarial Science) {2011 Pattern}  <b>Sem:</b> 6 <b>Credits:</b> 96 <b>Courses:</b> 24	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Professional L: UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>17000</td></tr> <tr><td>SCF</td><td>39000</td></tr> <tr><td>Total</td><td>56000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>34000</b></td></tr> </table>	Desc	Amount	UPF	17000	SCF	39000	Total	56000	<b>AAFA</b>	<b>34000</b>	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	17000													
SCF	39000													
Total	56000													
<b>AAFA</b>	<b>34000</b>													
<b>V45:</b> B.Sc. (Actuarial Science) {2015 Pattern}  <b>Sem:</b> 6 <b>Credits:</b> 96 <b>Courses:</b> 24	<b>CBCS: Yes</b> <b>Grading: Yes</b> <b>C:</b> Professional L: UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>17000</td></tr> <tr><td>SCF</td><td>39000</td></tr> <tr><td>Total</td><td>56000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>34000</b></td></tr> </table>	Desc	Amount	UPF	17000	SCF	39000	Total	56000	<b>AAFA</b>	<b>34000</b>	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40% <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	17000													
SCF	39000													
Total	56000													
<b>AAFA</b>	<b>34000</b>													

**Post-Graduate Degree (6 Programmes)**

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination												
<b>T81:</b> M.Sc. (Bio-Informatics)  <b>Sem:</b> 4 <b>Credits:</b> 80 <b>Courses:</b> 20	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Professional L: PG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 2 years after B.Sc <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylyb:</b> Website	For each Sem <table border="1"> <thead> <tr> <th>Desc</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>UPF</td> <td>5000</td> </tr> <tr> <td>SCF</td> <td>11000</td> </tr> <tr> <td>Total</td> <td>16000</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>For each Year</b></td> </tr> <tr> <td><b>AAFA</b></td> <td><b>10000</b></td> </tr> </tbody> </table>	Desc	Amount	UPF	5000	SCF	11000	Total	16000	<b>For each Year</b>		<b>AAFA</b>	<b>10000</b>	<b>AE:</b> NA  <b>Further:</b> Yes <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40%, <b>Min 50% at RS</b> <b>RS:</b> Sem 09 & 10  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount															
UPF	5000															
SCF	11000															
Total	16000															
<b>For each Year</b>																
<b>AAFA</b>	<b>10000</b>															
<b>T83:</b> M.Sc. (Bio-Technology) {2006 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 80 <b>Courses:</b> 20	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Professional L: PG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 2 years after B.Sc. <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylyb:</b> Website	For each Sem <table border="1"> <thead> <tr> <th>Desc</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>UPF</td> <td>5000</td> </tr> <tr> <td>SCF</td> <td>11000</td> </tr> <tr> <td>Total</td> <td>16000</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>For each Year</b></td> </tr> <tr> <td><b>AAFA</b></td> <td><b>10000</b></td> </tr> </tbody> </table>	Desc	Amount	UPF	5000	SCF	11000	Total	16000	<b>For each Year</b>		<b>AAFA</b>	<b>10000</b>	<b>AE:</b> NA  <b>Further:</b> Yes <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40%, <b>RS:</b> Sem 09 & 10  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount															
UPF	5000															
SCF	11000															
Total	16000															
<b>For each Year</b>																
<b>AAFA</b>	<b>10000</b>															
<b>T83:</b> M.Sc. (Bio-Technology) {2015 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 80 <b>Courses:</b> 20	<b>CBCS: Yes</b> <b>Grading: Yes</b> <b>C:</b> Professional L: PG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 2 years after B.Sc. <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylyb:</b> Website	For each Sem <table border="1"> <thead> <tr> <th>Desc</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>UPF</td> <td>5000</td> </tr> <tr> <td>SCF</td> <td>11000</td> </tr> <tr> <td>Total</td> <td>16000</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>For each Year</b></td> </tr> <tr> <td><b>AAFA</b></td> <td><b>10000</b></td> </tr> </tbody> </table>	Desc	Amount	UPF	5000	SCF	11000	Total	16000	<b>For each Year</b>		<b>AAFA</b>	<b>10000</b>	<b>AE:</b> NA  <b>Further:</b> Yes <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 40%, <b>RS:</b> Sem 09 & 10  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount															
UPF	5000															
SCF	11000															
Total	16000															
<b>For each Year</b>																
<b>AAFA</b>	<b>10000</b>															
<b>V34:</b> M.Sc. (Environmental Science) {Transferred from School of Continuing Education}  <b>Sem:</b> 4 <b>Credits:</b> 64 <b>Courses:</b> 16	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Professional L: PG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> : 2 years after B.Sc. / B.E. / B.Tech./ B.Pharm/BAMS <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylyb:</b> Website	For each Year <table border="1"> <thead> <tr> <th>Desc</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>UPF</td> <td>11225</td> </tr> <tr> <td>SCF</td> <td>9075</td> </tr> <tr> <td>Total</td> <td>20300</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>For each Year</b></td> </tr> <tr> <td><b>AAFA</b></td> <td><b>11225</b></td> </tr> </tbody> </table>	Desc	Amount	UPF	11225	SCF	9075	Total	20300	<b>For each Year</b>		<b>AAFA</b>	<b>11225</b>	<b>AE:</b> NA  <b>Further:</b> No <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount															
UPF	11225															
SCF	9075															
Total	20300															
<b>For each Year</b>																
<b>AAFA</b>	<b>11225</b>															

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination								
<b>V46:</b> M.Sc. (Actuarial Science) {2011 Pattern}  Sem: 4 Credits: 96 Courses: 24	<b>CBCS: No</b> <b>Grading: No</b> C: Professional L: PG M: Blended P: Semester MDP: 2 years after B.Sc. MoI: English MRA: Min 80% Apvl: UGC Sylb: Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>29000</td></tr> <tr><td>SCF</td><td>67000</td></tr> <tr><td>Total</td><td>96000</td></tr> </table> For each Year <b>AAFA 58000</b>	Desc	Amount	UPF	29000	SCF	67000	Total	96000	AE: NA  Further: Yes  VRP: consecutive 5 semesters	CE: Min 40% RS: Sem 03 & 04  MA: CA: Max Single Attempt EE: Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount											
UPF	29000											
SCF	67000											
Total	96000											
<b>V47:</b> M.Sc. (Ind. Engg.) {2011 Pattern}  Sem: 4 Credits: 80 Courses: 17	<b>CBCS: No</b> <b>Grading: No</b> C: Professional L: PG M: Blended P: Semester MDP: 2 years after B.E. / B.Tech. MoI: English MRA: Min 80% Apvl: UGC Sylb: Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>5000</td></tr> <tr><td>SCF</td><td>11000</td></tr> <tr><td>Total</td><td>16000</td></tr> </table> For each Year <b>AAFA 10000</b>	Desc	Amount	UPF	5000	SCF	11000	Total	16000	AE: NA  Further: No  VRP: consecutive 5 semesters	CE: Min 50% RS: Sem 03 & 04  MA: CA: Max Single Attempt EE: Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount											
UPF	5000											
SCF	11000											
Total	16000											

## ARCHITECTURE PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination								
<b>Foundation Diploma (1 Programme)</b>												
<b>V40:</b> Foundation Diploma in Architecture and Design (FDAD) {2011 Pattern}  Sem: 4 Credits: 96 Courses: 24	<b>CBCS: No</b> <b>Grading: No</b> C: Professional L: D M: FT-FTF-EWEL P: Semester MDP: 2 years after SSC MoI: English MRA: Min 80% Apvl: UGC, CoA Sylb: Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>3500</td></tr> <tr><td>SCF</td><td>8500</td></tr> <tr><td>Total</td><td>12000</td></tr> </table> For each Year <b>AAFA 7000</b>	Desc	Amount	UPF	3500	SCF	8500	Total	12000	AE: NA  Further: Yes  VRP: consecutive 5 semesters	CE: Min 50% RS: Sem 03 & 04  MA: CA: Max Single Attempt EE: Max 5 ODOL EE attempts during <b>each</b> semester till last end exam, if specified
Desc	Amount											
UPF	3500											
SCF	8500											
Total	12000											
<b>Under-Graduate Degree (2 Programme)</b>												

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination
<b>T63:</b> B.Arch. (General) {2005 Pattern}  <b>Sem:</b> 10 <b>Credits:</b> 200 <b>Courses:</b> 50	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Professional L: UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 5 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC, CoA <b>Sylb:</b> Website	For each Sem Desc   Amount UPF   5000 SCF   11000 Total   16000 For each Year <b>AAFA   10000</b>	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 45%, Min 50% at RS <b>RS:</b> Sem 09 & 10  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
<b>V22:</b> B.Arch. (General) {2010 Pattern}  <b>Sem:</b> 10 <b>Credits:</b> 240 <b>Courses:</b> 62	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Professional L: UG <b>M:</b> FT-FTF-EWEL <b>P:</b> Semester <b>MDP:</b> 5 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC, CoA <b>Sylb:</b> Website	For each Sem Desc   Amount UPF   8500 SCF   19500 Total   28000 For each Year <b>AAFA   17000</b>	<b>AE:</b>  <b>Further:</b> Sem '1 to x' passes for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 & 08  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
<b>Post-Graduate Degree (4 Programmes)</b>				
<b>V41:</b> M.Arch. (General) {2011 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 96 <b>Courses:</b> 20	<b>CBCS: Yes</b> <b>Grading: No</b> <b>C:</b> Professional L: PG <b>M:</b> FT-FTF-EWEL <b>P:</b> Semester <b>MDP:</b> 2 years after B.Arch. <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC, CoA <b>Sylb:</b> Website	For each Sem Desc   Amount UPF   9500 SCF   22500 Total   32000 For each Year <b>AAFA   19000</b>	<b>AE:</b> NA  <b>Further:</b> Yes <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
<b>V42:</b> M.Arch. (Const. Mgmt.) {2011 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 96 <b>Courses:</b> 20	<b>CBCS: Yes</b> <b>Grading: No</b> <b>C:</b> Professional L: PG <b>M:</b> FT-FTF-EWEL <b>P:</b> Semester <b>MDP:</b> 2 years after B.Arch. or B.E. / B.Tech. (Civil) <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC, CoA <b>Sylb:</b> Website	For each Sem Desc   Amount UPF   9500 SCF   22500 Total   32000 For each Year <b>AAFA   19000</b>	<b>AE:</b> NA  <b>Further:</b> Yes <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination	
<b>V43:</b> M.Arch. (Env. Arch.) {2011 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 96 <b>Courses:</b> 20	<b>CBCS: Yes</b> <b>Grading: No</b> <b>C:</b> Professional <b>L:</b> PG <b>M:</b> FT-FTF-EWEL <b>P:</b> Semester <b>MDP:</b> 2 years after B.Arch. <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC, CoA <b>Sylb:</b> Website	<b>For each Sem</b>		<b>AE:</b> NA  <b>Further:</b> Yes  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
		Desc	Amount		
		UPF	9500		
		SCF	22500		
		Total	32000		
		<b>For each Year</b>			
<b>AAFA</b>	<b>19000</b>				
<b>V44:</b> M.Arch. (Urban and Regional Planning) {2011 Pattern}  <b>Sem:</b> 4 <b>Credits:</b> 96 <b>Courses:</b> 20	<b>CBCS: Yes</b> <b>Grading: No</b> <b>C:</b> Professional <b>L:</b> PG <b>M:</b> FT-FTF-EWEL <b>P:</b> Semester <b>MDP:</b> 2 years after B.Arch. <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC, CoA <b>Sylb:</b> Website	<b>For each Sem</b>		<b>AE:</b> NA  <b>Further:</b> Yes  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 03 & 04  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
		Desc	Amount		
		UPF	9500		
		SCF	22500		
		Total	32000		
		<b>For each Year</b>			
<b>AAFA</b>	<b>19000</b>				

## TECHNOLOGY PROGRAMMES

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination	
<b>Diploma (11 Programmes)</b>					
<b>T03:</b> Diploma in Computer Technology {2010 Pattern}  <b>Sem:</b> 7 <b>Credits:</b> 140 <b>Courses:</b> 35	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3½ years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	<b>For each Sem</b>		<b>AE:</b> NA  <b>Further:</b> No  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 07  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
		Desc	Amount		
		UPF	2500		
		SCF	6500		
		Total	9000		
		<b>For each Year</b>			
<b>AAFA</b>	<b>5000</b>				



Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination										
<b>To5:</b> Diploma in Industrial Electronics {2010 Pattern}  <b>Sem:</b> 7 <b>Credits:</b> 140 <b>Courses:</b> 35	<b>CBBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3½ years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>5000</td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	AAFA	5000	<b>AE:</b> NA  <b>Further:</b> No  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 07  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
AAFA	5000													
<b>To6:</b> Diploma in Inst. Engg. {2010 Pattern}  <b>Sem:</b> 7 <b>Credits:</b> 140 <b>Courses:</b> 35	<b>CBBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> D <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3½ years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>5000</td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	AAFA	5000	<b>AE:</b> NA  <b>Further:</b> No <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 07  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
AAFA	5000													
<b>To7:</b> Diploma in Com. Engg. {2010 Pattern}  <b>Sem:</b> 7 <b>Credits:</b> 140 <b>Courses:</b> 35	<b>CBBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3½ years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>5000</td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	AAFA	5000	<b>AE:</b> NA  <b>Further:</b> No <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 07  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
AAFA	5000													
<b>To24:</b> Diploma in Mechanical Engg. {2010 Pattern}  <b>Sem:</b> 7 <b>Credits:</b> 140 <b>Courses:</b> 35	<b>CBBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3½ years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>5000</td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	AAFA	5000	<b>AE:</b> <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 07  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
AAFA	5000													

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination										
<b>T50:</b> Diploma in Production Engg. {2010 Pattern}  <b>Sem: 8</b> <b>Credits: 160</b> <b>Courses: 40</b>	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 4 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>5000</b></td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	<b>AAFA</b>	<b>5000</b>	<b>AE:</b> NA  <b>Further:</b> No  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 08  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
<b>AAFA</b>	<b>5000</b>													
<b>T51:</b> Diploma in Automobile Engg. {2010 Pattern}  <b>Sem: 8</b> <b>Credits: 160</b> <b>Courses: 40</b>	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 4 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>5000</b></td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	<b>AAFA</b>	<b>5000</b>	<b>AE:</b> NA  <b>Further:</b> No  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 08  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
<b>AAFA</b>	<b>5000</b>													
<b>T52:</b> Diploma in Thermal Engg. {2010 Pattern}  <b>Sem: 8</b> <b>Credits: 160</b> <b>Courses: 40</b>	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> Diploma <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 4 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>5000</b></td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	<b>AAFA</b>	<b>5000</b>	<b>AE:</b> NA  <b>Further:</b> No  <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 06 & 08  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
<b>AAFA</b>	<b>5000</b>													
<b>V55:</b> Diploma in Electrical Engg. {2014 Pattern}  <b>Sem: 6</b> <b>Credits: 144</b> <b>Courses: 36</b>	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical <b>L:</b> D <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 3 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>3500</td></tr> <tr><td>SCF</td><td>8500</td></tr> <tr><td>Total</td><td>12000</td></tr> </table> For each Year <table border="1"> <tr><td><b>AAFA</b></td><td><b>7000</b></td></tr> </table>	Desc	Amount	UPF	3500	SCF	8500	Total	12000	<b>AAFA</b>	<b>7000</b>	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 05 & 06  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Max 5 ODOL EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	3500													
SCF	8500													
Total	12000													
<b>AAFA</b>	<b>7000</b>													

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination										
<b>V62:</b> Diploma in Mechanical Engg. {2012 Pattern}  <b>Sem:</b> 8 <b>Credits:</b> 160 <b>Courses:</b> 40	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical L: D <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 4 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>3500</td></tr> <tr><td>SCF</td><td>8500</td></tr> <tr><td>Total</td><td>12000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>7000</td></tr> </table>	Desc	Amount	UPF	3500	SCF	8500	Total	12000	AAFA	7000	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 & 08  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Max 5 ODOL EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	3500													
SCF	8500													
Total	12000													
AAFA	7000													
<b>V63:</b> Diploma in Electronics and Telecommunication Engg. {2012 Pattern}  <b>Sem:</b> 8 <b>Credits:</b> 160 <b>Courses:</b> 40	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical L: D <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 4 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>3500</td></tr> <tr><td>SCF</td><td>8500</td></tr> <tr><td>Total</td><td>12000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>7000</td></tr> </table>	Desc	Amount	UPF	3500	SCF	8500	Total	12000	AAFA	7000	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 & 08  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Max 5 ODOL EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	3500													
SCF	8500													
Total	12000													
AAFA	7000													
<b>Under-Graduate Degree (5 Programmes)</b>														
<b>T33:</b> B.Tech. (Marine Engg.) {2004 Pattern}  <b>Sem:</b> 8 <b>Credits:</b> 192 <b>Courses:</b> 56	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical L: UG <b>M:</b> FT-FTF-EWEL (Residential) <b>P:</b> Semester <b>MDP:</b> 4 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>7000</td></tr> <tr><td>SCF</td><td>17000</td></tr> <tr><td>Total</td><td>24000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>14000</td></tr> </table>	Desc	Amount	UPF	7000	SCF	17000	Total	24000	AAFA	14000	<b>AE:</b> NA  <b>Further:</b> No <b>VRP:</b> consecutive 6 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 & 08  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	7000													
SCF	17000													
Total	24000													
AAFA	14000													
<b>T34:</b> B.Tech. (Electronics Engg.) {2004 Pattern}  <b>Sem:</b> 12 <b>Credits:</b> 240 <b>Courses:</b> 60	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical L: UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 6 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><th>Desc</th><th>Amount</th></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>5000</td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	AAFA	5000	<b>AE:</b>  <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 6 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 and 12 or if CE at Sem 07, then Sem 09 & 12.  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
AAFA	5000													

Programme	Essential Information	Fees in ₹ [Only AAFA is payable at the University]	Admission: Annual admission for 2 semesters in each year	Examination										
<b>T35:</b> B.Tech. (Mechanical Engg.) {2004 Pattern}  <b>Sem:</b> 12 <b>Credits:</b> 240 <b>Courses:</b> 60	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical L: UG <b>M:</b> Blended <b>P:</b> Semester <b>MDP:</b> 6 years after SSC <b>MoI:</b> English <b>MRA:</b> Min 75% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>2500</td></tr> <tr><td>SCF</td><td>6500</td></tr> <tr><td>Total</td><td>9000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>5000</td></tr> </table>	Desc	Amount	UPF	2500	SCF	6500	Total	9000	AAFA	5000	<b>AE:</b> <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number. <b>VRP:</b> consecutive 6 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 and 12 or if CE at Sem 07, then Sem 09 & 12.  <b>MA:</b> <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	2500													
SCF	6500													
Total	9000													
AAFA	5000													
<b>V23:</b> B.Tech. (Marine Engg.) {2010 Pattern}  <b>Sem:</b> 8 <b>Credits:</b> 192 <b>Courses:</b> 56	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical L: UG <b>M:</b> FT-FTF-EWEL (Residential) <b>P:</b> Semester <b>MDP:</b> 4 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>9,500</td></tr> <tr><td>SCF</td><td>22,500</td></tr> <tr><td>Total</td><td>32,000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>19000</td></tr> </table>	Desc	Amount	UPF	9,500	SCF	22,500	Total	32,000	AAFA	19000	<b>AE:</b> <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 & 08  <b>MA:</b> <b>CA:</b> Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	9,500													
SCF	22,500													
Total	32,000													
AAFA	19000													
<b>V61:</b> B.Tech. (Marine Engg.) {2012 Pattern}  <b>Sem:</b> 8 <b>Credits:</b> 224 <b>Courses:</b> 64	<b>CBCS: No</b> <b>Grading: No</b> <b>C:</b> Technical L: UG <b>M:</b> FT-FTF-EWEL (Residential) <b>P:</b> Semester <b>MDP:</b> 4 years after HSC <b>MoI:</b> English <b>MRA:</b> Min 80% <b>Apvl:</b> UGC <b>Sylb:</b> Website	For each Sem <table border="1"> <tr><td>Desc</td><td>Amount</td></tr> <tr><td>UPF</td><td>9500</td></tr> <tr><td>SCF</td><td>22500</td></tr> <tr><td>Total</td><td>32000</td></tr> </table> For each Year <table border="1"> <tr><td>AAFA</td><td>19000</td></tr> </table>	Desc	Amount	UPF	9500	SCF	22500	Total	32000	AAFA	19000	<b>AE:</b> <b>Further:</b> Sem '1 to x' pass for Sem 'x+4' admission where 'x' is odd number <b>VRP:</b> consecutive 5 semesters	<b>CE:</b> Min 50% <b>RS:</b> Sem 07 & 08  <b>MA:</b> <b>CA:</b> Max Single Attempt <b>EE:</b> Single EE attempt during <b>each</b> semester till last end exam, if specified
Desc	Amount													
UPF	9500													
SCF	22500													
Total	32000													
AAFA	19000													

## LEARN AND EARN SCHEME

The 'Yashwantrao Chavan Maharashtra Open University (YCMOU)' had signed "Agreement" with following few organizations to offer skill based academic programmes under 'Learn and Earn' scheme.

1. Name of organization shall be updated here as and when Agreement is signed and "Study Center Recognition" process is complete.

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 following diploma programmes in skill education discipline:

- **Skill Diploma Programmes at Level 3 and 4 of NSQF**

## **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)**": **₹7000/- to ₹8000/- approximately** during each month

## **TEACHING-LEARNING**

Above organizations are required to arrange following Learning Resource so that all enrolled students learn specified all theory subjects using this resource.

- In **Blended Mode of Teaching-Learning**, 40 - 60 Mobile ready lecture modules, **each** of 10 ± 02 minutes duration for **each** course (subject) **along with** fully randomized On Demand Online Self-Tests **and** monthly face-to-face single lecture of 1 hour duration at **each** industry where students are placed, from 'real' teacher. **Blended Mode of Teaching-Learning** 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.

Above organizations are also required to arrange “On-Job Training” for specified hours, under guidance and supervision of qualified and experienced **Mentor** at allotted 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 @ 40% shall be essential for each course at each semester. Hence, student must score following minimum marks for successful completion of each course.
  - a. Minimum 40 marks out of maximum 100 marks for each Theory type of courses
  - b. Minimum 80 marks out of maximum 200 marks for each Activity type of courses
5. Separate and independent passing @ 40% in “EE” **and** “CA+EE” shall be essential for each course. Hence, student must score following minimum marks for successful completion of each course.
  - a. In “End Examination (EE)”, that is, in EE
    - i. Minimum 24 marks out of maximum 80 marks for each Theory type of courses
    - ii. Minimum 64 marks out of maximum 160 marks for each Activity type of courses
  - b. “Continuous Assessment (CA) and “End Examination (EE)”, that is, in “CA+EE”
    - i. Minimum 40 marks out of maximum 100 marks for each Theory type of courses
    - ii. Minimum 80 marks out of maximum 200 marks for each Activity type of courses

6. “CA, EE and Total marks” shall be separately reported for each course in the transcript or mark-statement.
7. Separate and independent “Report of Total Marks” for “All Theory type of courses at each semester” **and** “On-Job Training course at each semester”
8. Only 1 attempt for EE for each course shall be allowed in each semester.
9. 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.
10. Only best of past performance shall be reported in transcript or mark statement.
11. Total student evaluation for
  - a. Each semester shall be for 600 marks.
  - b. Each Diploma shall be for 1200 marks.

## Continuous Assessment

Course Type → Evaluation Type ↓	Theory	Activity
<p><b>Continuous Assessment (CA)</b> with following all features for only all theory type of courses:</p> <ol style="list-style-type: none"> <li>1. Open-Book, Without Supervision</li> <li>2. Multiple On-Demand On-Line Anytime Anywhere</li> <li>3. Fully Randomized selection, Sequence and Options Sequence for <b>each</b> Question Item</li> <li>4. With Immediate Result Declaration after answer to last question is submitted</li> <li>5. Negative marking should not be used in Continuous Assessment (CA).</li> <li>6. Scenario / Case Study based questions are preferred in Continuous Assessment (CA).</li> <li>7. Correct answers to any question shall never be displayed to any student</li> <li>8. There shall be minimum <b>02</b>-day gap for self-study between each successive attempt</li> <li>9. Students may opt for CA attempt for multiple courses during each day.</li> </ol>	<p>During month <b>04</b> and <b>05</b> of <b>each</b> semester, <b>each</b> Student will appear for “Continuous Assessment (CA)” as follows:</p> <ol style="list-style-type: none"> <li>1. <b>CA01</b>: On Credit 03, During Month 04</li> <li>2. <b>CA02</b>: On Credit 04, During Month 05</li> <li>3. Total Marks for <b>each</b> CA: <b>10</b></li> <li>4. Each CA Duration: <b>10</b> Min</li> <li>5. Total Number of MCQs: <b>10</b></li> <li>6. Marks for each MCQ: <b>01</b> Mark</li> <li>7. Number of CAs during <b>each</b> semester: <b>02</b></li> <li>8. Maximum number of attempts for <b>each</b> CA, during <b>each</b> semester: <b>02</b></li> <li>9. Maximum marks student can have in <b>02</b> CAs: <b>20</b></li> <li>10. Total of actual marks student got in <b>02</b> CAs: <b>x</b></li> <li>11. Marks reported with 20% weightage in “Total Marks” shall be equal to “<b>x</b>” which will be rounded to nearest integer.</li> </ol>	<p>During month <b>03</b> of <b>each</b> semester, <b>each</b> Mentor at each industry or business unit will complete “Continuous Assessment (CA)” for <b>all</b> allotted students as follows:</p> <ol style="list-style-type: none"> <li>1. <b>CA01</b>: On MP01, During Month 03</li> <li>2. Total Marks for <b>each</b> CA: <b>40</b></li> <li>3. Each CA Duration: <b>05</b> Min</li> <li>4. Total Number of Continuous Improvement Mini Projects (MP): <b>01</b></li> <li>5. Marks for <b>each</b> MP: <b>40</b> Mark</li> <li>6. Number of MPs during each semester: <b>01</b></li> <li>7. Maximum number of attempts for <b>each</b> CA, during <b>each</b> semester: <b>01</b></li> <li>8. Maximum marks student can have in all <b>01</b> MPs: <b>40</b></li> <li>9. Total of actual marks student got in <b>01</b> MPs: <b>x</b></li> <li>10. Marks reported with 20% weightage in “Total Marks” shall be equal to “<b>x</b>” which will be rounded to nearest integer.</li> </ol>



## End Examination

Course Type → Evaluation Type ↓	Theory	Activity												
<b>End Examination (EE)</b> with following all features: (01) Close-Book, With Supervision (02) At specified Date, Time and Exam Center (03) During Jun or Dec	<b>As per the University Schedule</b> in Jan or Jul of each year, “End Examination (EE)” of total <b>80</b> Marks and <b>16</b> “Short Answer Questions (SAQs)” <b>each</b> of <b>05</b> marks ( <b>4 out of 5 SAQs on each Credit</b> ), during <b>120</b> Minutes. End Exam Marks shall have 80% weightage in Total Marks.	At the end of <b>each</b> semester, <b>each Mentor</b> at <b>each</b> industry or business unit <b>and</b> “1 (one) external expert” to be appointed by the study center will complete “End Exam (EE)” for <b>all</b> allotted students as follows: <ol style="list-style-type: none"> <li>Duration of EE: First 2 weeks of 6<sup>th</sup> Month of each Semester</li> <li>Internal Mentor and External Expert, <b>each</b> will have 50% weightage in EE.</li> <li>Total Marks for EE: 160 Marks</li> </ol>												
		<table border="1"> <thead> <tr> <th>Parameter</th> <th>Internal Mentor</th> <th>External Expert</th> </tr> </thead> <tbody> <tr> <td>Punctuality as per thumb attendance record</td> <td>Out of 20</td> <td>Out of 20</td> </tr> <tr> <td>Skill Proficiency by Viva on Mini Project</td> <td>Out of 30</td> <td>Out of 30</td> </tr> <tr> <td>Attitude By Viva</td> <td>Out of 30</td> <td>Out of 30</td> </tr> </tbody> </table>	Parameter	Internal Mentor	External Expert	Punctuality as per thumb attendance record	Out of 20	Out of 20	Skill Proficiency by Viva on Mini Project	Out of 30	Out of 30	Attitude By Viva	Out of 30	Out of 30
		Parameter	Internal Mentor	External Expert										
		Punctuality as per thumb attendance record	Out of 20	Out of 20										
		Skill Proficiency by Viva on Mini Project	Out of 30	Out of 30										
Attitude By Viva	Out of 30	Out of 30												

## 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 of ₹ 500 is payable to university along with the ‘Exam Form’, for <b>each</b> repeat <b>regular</b> end exam attempt
UPF	₹ 800 for <b>each</b> Semester	
SCF	<b>Nil</b> for students (Students need not have to pay Study Center Fee to the Institute)	
AAFA	₹ 1600 for <b>each</b> Year	

## JOB OPPORTUNITIES FOR STUDENTS

After successful completion of these academic programmes, depending on satisfactory performance of the student during the apprenticeship period, till date many industries offered placement on regular posts to about 700 students. However, placement on regular posts after successful completion of these academic programmes is **not guaranteed**.

## CONTACT HERE FOR LEARN AND EARN

Student should directly contact at following addresses for admission under this scheme.

Name and contact details of organization shall be updated here as and when MoU/ Agreement is signed and “Study Center Recognition” process is complete.
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Note: Study Center Recognition not given to any Organization in AY 2018-19
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## ABOUT COURSES

### PROGRAMMES ON OFFER

#### SKILL PROGRAMMES

#### T101: DES {2017 PATTERN}

SN	Code	Name	CA	EE	TM	Type	Credits
<b>Semester 01: 16 + 08 = 24 Credits</b>							
01	DES011	Communication and Soft Skills – 01	20	80	100	T	4
02	DES012	Math & Statistical Skills - 01	20	80	100	T	4
03	DES013	Financial Accounting Skills - 01	20	80	100	T	4
04	DES014	IT Skills - 01	20	80	100	T	4
05	DES015	On-Job-Training - 01	40	160	200	A	8
<b>Semester 02: 16 + 08 = 24 Credits</b>							
06	DES021	Communication and Soft Skills – 02	20	80	100	T	4
07	DES022	Math & Statistical Skills - 02	20	80	100	T	4
08	DES023	Financial Accounting Skills - 02	20	80	100	T	4
09	DES024	IT Skills - 02	20	80	100	T	4
10	DES025	On-Job-Training - 02	40	160	200	A	8

## SCIENCE PROGRAMMES

### V92: B.Sc. (PCM) {2015 PATTERN}

SN	Code	Name	Sem	CAT	EE	TM	Type	Cat	Credits
<b>Semester 01: 22 Credits</b>									
01	AEC111	English Communication	01	20	80	100	T	AECC	4
02	S34121	Physics – 01	01	20	80	100	T	CC01-01	4
03	S37131	Chemistry – 01	01	20	80	100	T	CC02-01	4
04	S41141	Mathematics – 01	01	20	80	100	T	CC03-01	4
05	S34122	Physics – 01 Practical	01	10	40	50	P	CC01-01	2
06	S37132	Chemistry – 01 Practical	01	10	40	50	P	CC02-01	2
07	S41142	Mathematics – 01 Practical	01	10	40	50	P	CC03-01	2
<b>Semester 02: 22 Credits</b>									
08	AEC211	Environmental Science	02	20	80	100	T	AECC	4
09	S34221	Physics – 02	02	20	80	100	T	CC01-02	4
10	S37231	Chemistry – 02	02	20	80	100	T	CC02-02	4
11	S41241	Mathematics – 02	02	20	80	100	T	CC03-02	4
12	S34222	Physics – 02 Practical	02	10	40	50	P	CC01-02	2
13	S37232	Chemistry – 02 Practical	02	10	40	50	P	CC02-02	2
14	S41242	Mathematics – 02 Practical	02	10	40	50	P	CC03-02	2
<b>Semester 03: 22 Credits</b>									
15	SEC311	IT and ELearning Skills	03	20	80	100	T	SEC	4
16	S34321	Physics – 03	03	20	80	100	T	CC01-03	4
17	S37331	Chemistry – 03	03	20	80	100	T	CC02-03	4
18	S41341	Mathematics – 03	03	20	80	100	T	CC03-03	4
19	S34322	Physics – 03 Practical	03	10	40	50	P	CC01-03	2
20	S37332	Chemistry – 03 Practical	03	10	40	50	P	CC02-03	2
21	S41342	Mathematics – 03 Practical	03	10	40	50	P	CC03-03	2
<b>Semester 04: 22 Credits</b>									
22	SEC411	Research Methodology	04	20	80	100	T	SEC	4
23	S34421	Physics – 04	04	20	80	100	T	CC01-04	4
24	S37431	Chemistry – 04	04	20	80	100	T	CC02-04	4
25	S41441	Mathematics – 04	04	20	80	100	T	CC03-04	4
26	S34422	Physics – 04 Practical	04	10	40	50	P	CC01-04	2
27	S37432	Chemistry – 04 Practical	04	10	40	50	P	CC02-04	2
28	S41442	Mathematics – 04 Practical	04	10	40	50	P	CC03-04	2
<b>Semester 05: 22 Credits</b>									
29	SEC511	Financial and Investment Skills	05	20	80	100	T	SEC	4
30	S34521	Physics Elective – 0501	05	20	80	100	T	DSE01-01	4
31	S37531	Chemistry Elective – 0501	05	20	80	100	T	DSE02-01	4
32	S41541	Mathematics Elective – 0501	05	20	80	100	T	DSE03-01	4
33	S34522	Physics Elective – 0501 Practical	05	10	40	50	P	DSE01-01	2
34	S37532	Chemistry Elective – 0501 Practical	05	10	40	50	P	DSE02-01	2
35	S41542	Mathematics Elective – 0501 Practical	05	10	40	50	P	DSE03-01	2
<b>Semester 06: 22 Credits</b>									

SN	Code	Name	Sem	CAT	EE	TM	Type	Cat	Credits
36	SEC611	Personality and Career Skills	06	20	80	100	T	SEC	4
37	S34621	Physics Elective – 0601	06	20	80	100	T	DSE01-02	4
38	S37631	Chemistry Elective – 0601	06	20	80	100	T	DSE02-02	4
39	S41641	Mathematics Elective – 0601	06	20	80	100	T	DSE03-02	4
40	S34622	Physics Elective – 0601 Practical	06	10	40	50	P	DSE01-02	2
41	S37632	Chemistry Elective – 0601 Practical	06	10	40	50	P	DSE02-02	2
42	S41642	Mathematics Elective – 0601 Practical	06	10	40	50	P	DSE03-02	2

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

SN	Code	Name	Sem	CAT	EE	TM	Type	Cat	Credits
<b>Semester 01: 22 Credits</b>									
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
<b>Semester 02: 22 Credits</b>									
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
<b>Semester 03: 22 Credits</b>									
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
<b>Semester 04: 22 Credits</b>									
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
<b>Semester 05: 22 Credits</b>									

SN	Code	Name	Sem	CAT	EE	TM	Type	Cat	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
<b>Semester 06: 22 Credits</b>									
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 %
<b>Semester 01: 24Credits</b>								
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%
<b>Semester 02: 24Credits</b>								
07	S14021	Actuarial Modeling-I	20	80	100	T	4	40%
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%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 03: 24Credits</b>								
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%
<b>Semester 04: 24Credits</b>								
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 %
<b>Semester 01: 20 Credits</b>								
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%
<b>Semester 02: 20 Credits</b>								
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%
<b>Semester 03: 20 Credits</b>								
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%
<b>Semester 04: 20 Credits</b>								
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	CR	Min %
<b>Semester 01: 16 Credits</b>								
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 <b>or</b> MES101, MES102 and MES103	20	80	100	P	4	40%
<b>Semester 02: 16 Credits</b>								
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 <b>or</b> MES104, MES201 and MES202	20	80	100	P	4	40%
<b>Semester 03: 16 Credits</b>								
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 <b>Or</b> MES301 and MES304	20	80	100	P	4	40%
<b>Semester 04: 16 Credits</b>								

SN	Code	Name	CA	EE	TM	Type	CR	Min %
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%

## WITHDRAWN PROGRAMMES

## ARCHITECTURE PROGRAMMES

### V40: FOUNDATION DIPLOMA IN ARCH. & DESIGN {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 24 Credits</b>								
01	A27011	Mathematics 1	20	80	100	T	4	50%
02	A27012	Sciences 1	20	80	100	T	4	50%
03	A27013	Social Sciences 1	20	80	100	T	4	50%
04	A27014	Arts & Crafts 1	20	80	100	STW	4	50%
05	A27015	Communication Skills 1	20	80	100	STW	4	50%
06	A27016	Workshop 1	20	80	100	STW	4	50%
<b>Semester 02: 24 Credits</b>								
07	A27021	Mathematics 2	20	80	100	T	4	50%
08	A27022	Sciences 2	20	80	100	T	4	50%
09	A27023	Social Sciences 2	20	80	100	T	4	50%
10	A27024	Arts & Crafts 2	20	80	100	STW	4	50%
11	A27025	Communication Skills 2	20	80	100	STW	4	50%
12	A27026	Workshop 2	20	80	100	STW	4	50%
<b>Semester 03: 24 Credits</b>								
13	A27031	Mathematics 3	20	80	100	T	4	50%
14	A27032	Sciences 3	20	80	100	T	4	50%
15	A27033	Social Sciences 3	20	80	100	T	4	50%
16	A27034	Arts & Crafts 3	20	80	100	STW	4	50%
17	A27035	Communication Skills 3	20	80	100	STW	4	50%
18	A27036	Workshop 3	20	80	100	STW	4	50%
<b>Semester 04: 24 Credits</b>								
19	A27041	Mathematics 4	20	80	100	T	4	50%
20	A27042	Sciences 4	20	80	100	T	4	50%
21	A27043	Social Sciences 4	20	80	100	T	4	50%
22	A27044	Arts & Crafts 4	20	80	100	STW	4	50%
23	A27045	Communication Skills 4	20	80	100	STW	4	50%
24	A27046	Workshop 4	20	80	100	STW	4	50%



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

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 24 Credits</b>								
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%
<b>Semester 02: 24 Credits</b>								
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%
<b>Semester 03: 24 Credits</b>								
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%
<b>Semester 04: 24 Credits</b>								
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%
<b>Semester 05: 24 Credits</b>								
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%
<b>Semester 06: 24 Credits</b>								
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%
<b>Semester 07: 24 Credits</b>								
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%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
41	A24075	Landscape Design	10	40	50	STW	2	50%
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%
<b>Semester 08: 24 Credits</b>								
46	A24081	Professional Practice -2	10	40	50	T	2	50%
47	A24082	Specifications & Controls	10	40	50	T	2	50%
48	A24083 A25083	<b>Elective:</b> Geographic Information Systems (GIS) <b>Elective:</b> 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%
<b>Semester 09: 24 Credits</b>								
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%
<b>Semester 10: 24 Credits</b>								
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%

### T63: B.ARCH. (GENERAL) {2005 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	A01011	Climatology	-	100	100	T	4	45%
02	A01012	Technical Communication	-	100	100	T	4	45%
03	A01013	Architectural Drawing and Graphics I	-	100	100	T	4	45%
04	A01014	Workshop and Model Making	-	100	100	SV	4	45%
05	A01015	Basic Design I	-	100	100	SV	4	45%
<b>Semester 02</b>								
06	A01021	History of Architecture and Human Settlements I	-	100	100	T	4	45%
07	A01022	Theory of Structures I	-	100	100	T	4	45%
08	A01023	Architectural Drawing and Graphics II	-	100	100	T	4	45%
09	A01024	Building Technology and Materials I	-	100	100	SV	4	45%
10	A01025	Basic Design II	-	100	100	SV	4	45%
<b>Semester 03</b>								
11	A01031	History of Architecture and Human Settlements II	-	100	100	T	4	45%
12	A01032	Theory of Structures II	-	100	100	T	4	45%
13	A01033	Auto CAD and Office suites	-	100	100	T	4	45%
14	A01034	Building Technology and Materials II	-	100	100	SV	4	45%
15	A01035	Architectural Design I	-	100	100	SV	4	45%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 04</b>								
16	A01041	History of Architecture and Human Settlements III	-	100	100	T	4	45%
17	A01042	Theory of Structures III	-	100	100	T	4	45%
18	A01043	Surveying and Leveling	-	100	100	T	4	45%
19	A01044	Building Technology and Materials III	-	100	100	SV	4	45%
20	A01045	Architectural Design II	-	100	100	SV	4	45%
<b>Semester 05</b>								
21	A01051	Building Sciences I	-	100	100	T	4	45%
22	A01052	Theory of Structures IV	-	100	100	T	4	45%
23	A01053	Quantity Surveying and Estimating	-	100	100	T	4	45%
24	A01054	Building Technology and Materials IV	-	100	100	SV	4	45%
25	A01055	Architectural Design III	-	100	100	SV	4	45%
<b>Semester 06</b>								
26	A01061	Building Sciences II	-	100	100	T	4	45%
27	A01062	Theory of Structures V	-	100	100	T	4	45%
28	A01063	Landscape Architecture I	-	100	100	T	4	45%
29	A01064	Furniture Construction and Interior Design	-	100	100	SV	4	45%
30	A01065	Architectural Design IV	-	100	100	SV	4	45%
<b>Semester 07</b>								
31	A01071	Building Sciences III	-	100	100	T	4	45%
32	A01072	Theory of Structures VI	-	100	100	T	4	45%
33	A01073	Specification Writing	-	100	100	T	4	45%
34	A01074	Building Technology and Materials V	-	100	100	SV	4	45%
35	A01075	Architectural Design V	-	100	100	SV	4	45%
<b>Semester 08</b>								
36	A01081	Building Sciences IV	-	100	100	T	4	45%
37	A01082	Town Planning	-	100	100	T	4	45%
38	A01083	Landscape Architecture II	-	100	100	T	4	45%
39	A01084	Building Technology and Materials VI	-	100	100	SV	4	45%
40	A01085	Architectural Design VI	-	100	100	SV	4	45%
<b>Semester 09</b>								
41	A01091	Research Methodology	-	100	100	T	4	45%
42	A01092	Professional Practice I	-	100	100	T	4	45%
43	A01093	Computer Applications in Architecture	-	100	100	T	4	45%
44	A01094	Technology Elective	-	100	100	SV	4	45%
45	A01095	Architectural Project Stage I	-	100	100	SV	4	45%
<b>Semester 10</b>								
46	A01101	Planning Elective	-	100	100	T	4	45%
47	A01102	Professional Practice II	-	100	100	T	4	45%
48	A01103	Management Elective	-	100	100	T	4	45%
49	A01104	Allied Elective	-	100	100	SV	4	45%
50	A01105	Architectural Project Stage II	-	100	100	SV	4	45%

### V41: M.ARCH (GENERAL) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 24 Credits</b>								
01	A31011	Contemporary Architecture Trends & Theories	10	40	50	T	2	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
02	A31012	Research Strategies	10	40	50	T	2	50%
03	A31013	Mass Housing design strategies and standards	20	80	100	STW	4	50%
04	A31014	Urban Design	20	80	100	STW	4	50%
05	A31015 A32015	<b>Elective:</b> Landscape Design <b>Elective:</b> Architectural Conservation	20	80	100	STW	4	50%
06	A31016	Design Studio 1	40	160	200	SV	8	50%
<b>Semester 02: 24 Credits</b>								
07	A31021	Project Assessment & Management	10	40	50	T	2	50%
08	A31022	Finance & Economics in Building Industry	10	40	50	T	2	50%
09	A31023	Advanced Building Construction Techniques	20	80	100	STW	4	50%
10	A31024	Advanced Building Services & Design With Climate	20	80	100	STW	4	50%
11	A31025 A32025	<b>Elective:</b> Vernacular Architecture <b>Elective:</b> Futuristic Architecture	20	80	100	STW	4	50%
12	A31026	Design Studio 2	40	160	200	SV	8	50%
<b>Semester 03: 24 Credits</b>								
13	A31031	Building Byelaws & Architectural Practice	10	40	50	T	2	50%
14	A31032	Architectural legalities	10	40	50	T	2	50%
15	A31033	Architectural Evaluation	20	80	100	STW	4	50%
16	A31034	Architectural Documentation	20	80	100	STW	4	50%
17	A31035 A32035	<b>Elective:</b> Traffic & Transport Design <b>Elective:</b> Infrastructure Services	20	80	100	STW	4	50%
18	A31036	Design Studio 3	40	160	200	SV	8	50%
<b>Semester 04: 24 Credits</b>								
19	A31041	M. Arch Dissertation 1 (G)	40	160	200	SV	8	50%
20	A31042	M. Arch Dissertation 2 (G)	80	320	400	SV	16	50%

### V42: M.ARCH. (CONST. MGMT.) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 24 Credits</b>								
01	A34011	Management theories and Business organizations	10	40	50	T	2	50%
02	A34012	Financial and account management	10	40	50	T	2	50%
03	A34013	Construction materials & machinery	20	80	100	STW	4	50%
04	A34014	Computer applications in construction management	20	80	100	STW	4	50%
05	A34015 A35015	<b>Elective:</b> Disaster management <b>Elective:</b> Waste water Management	20	80	100	STW	4	50%
06	A34016	CM Project Studio 1	40	160	200	SV	8	50%
<b>Semester 02: 24 Credits</b>								
07	A34021	Construction logistics, project formulation and finance	10	40	50	T	2	50%
08	A34022	Quantitative research methods	10	40	50	T	2	50%
09	A34023	Advanced construction technologies	20	80	100	STW	4	50%
10	A34024	Sustainable building materials	20	80	100	STW	4	50%
11	A34025 A35025	<b>Elective:</b> Geographic Mapping Systems (GIS) <b>Elective:</b> Terrain Assessment & Mapping	20	80	100	STW	4	50%
12	A34026	CM Project Studio 2	40	160	200	SV	8	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 03: 24 Credits</b>								
13	A34031	Contract management and tendering procedure	10	40	50	T	2	50%
14	A34032	Construction and planning legislation	10	40	50	T	2	50%
15	A34033	Marketing and management	20	80	100	STW	4	50%
16	A34034	Human resource and quality management	20	80	100	STW	4	50%
17	A34035 A35035	<b>Elective:</b> CAD & Simulation Techniques <b>Elective:</b> Intelligent Buildings	20	80	100	STW	4	50%
18	A34036	CM Project Studio 3	40	160	200	SV	8	50%
<b>Semester 04: 24 Credits</b>								
19	A34041	M. Arch Dissertation 1 (CM)	40	160	200	SV	8	50%
20	A34042	M. Arch Dissertation 2 (CM)	80	320	400	SV	16	50%

### V43: M.ARCH. (ENV.ARCH.) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 24 Credits</b>								
01	A37011	Environmental architecture theory	10	40	50	T	2	50%
02	A37012	Climate and Geography	10	40	50	T	2	50%
03	A37013	Sustainable building design principles I	20	80	100	STW	4	50%
04	A37014	Sustainable building materials	20	80	100	STW	4	50%
05	A37015 A38015	<b>Elective:</b> Pollution Impact & Remedies <b>Elective:</b> Waste water Management	20	80	100	STW	4	50%
06	A37016	EA Studio 1	40	160	200	SV	8	50%
<b>Semester 02: 24 Credits</b>								
07	A37021	Thermal Comfort and Passive Design I	10	40	50	T	2	50%
08	A37022	Quantitative research methods	10	40	50	T	2	50%
09	A37023	Sustainable building design principles II	20	80	100	STW	4	50%
10	A37024	Sustainable building technology	20	80	100	STW	4	50%
11	A37025 A38025	<b>Elective:</b> Geographic Mapping Systems (GIS) <b>Elective:</b> Terrain Assessment & Mapping	20	80	100	STW	4	50%
12	A37026	EA Studio 2	40	160	200	SV	8	50%
<b>Semester 03: 24 Credits</b>								
13	A37031	Thermal Comfort and Passive Design II	10	40	50	T	2	50%
14	A37032	Legislations for Environmental Control	10	40	50	T	2	50%
15	A37033	Ecological planning	20	80	100	STW	4	50%
16	A37034	Environmental management	20	80	100	STW	4	50%
17	A37035 A38035	<b>Elective:</b> CAD & Simulation Techniques <b>Elective:</b> Intelligent Buildings	20	80	100	STW	4	50%
18	A37036	EA Studio 3	40	160	200	SV	8	50%
<b>Semester 04: 24 Credits</b>								
19	A37041	M. Arch Dissertation 1 (EA)	40	160	200	SV	8	50%
20	A37042	M. Arch Dissertation 2 (EA)	80	320	400	SV	16	50%

### V44: M.ARCH. (U & R PLANNING) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 24 Credits</b>								
01	A41011	Urban and regional planning theories	10	40	50	T	2	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
02	A41012	Urban and regional planning history	10	40	50	T	2	50%
03	A41013	Traffic and Transport Design	20	80	100	STW	4	50%
04	A41014	Urban and Rural housing	20	80	100	STW	4	50%
05	A41015 A42015	<b>Elective:</b> Disaster Management <b>Elective:</b> Barrier Free design	20	80	100	STW	4	50%
06	A41016	URP Studio 1	40	160	200	SV	8	50%
<b>Semester 02: 24 Credits</b>								
07	A41021	Urban and regional planning sociology	10	40	50	T	2	50%
08	A41022	Urban and regional economics	10	40	50	T	2	50%
09	A41023	Urban and Rural Landscape design	20	80	100	STW	4	50%
10	A41024	Computer Aided Design	20	80	100	STW	4	50%
11	A41025 A42025	<b>Elective:</b> Geographic Mapping Systems (GIS) <b>Elective:</b> Regional Land Economics	20	80	100	STW	4	50%
12	A41026	URP Studio 2	40	160	200	SV	8	50%
<b>Semester 03: 24 Credits</b>								
13	A41031	Urban and regional planning legislation	10	40	50	T	2	50%
14	A41032	Research Methodology and Strategies	10	40	50	T	2	50%
15	A41033	Infrastructure Services	20	80	100	STW	4	50%
16	A41034	Sustainable community Development	20	80	100	STW	4	50%
17	A41035 A42035	<b>Elective:</b> Urban Design Documentation <b>Elective:</b> Conservation in Urban Context	20	80	100	STW	4	50%
18	A41036	URP Studio 3	40	160	200	SV	8	50%
<b>Semester 04: 24 Credits</b>								
19	A41041	M. Arch Dissertation 1 (URP)	40	160	200	SV	8	50%
20	A41042	M. Arch Dissertation 2 (URP)	80	320	400	SV	16	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 %
<b>Semester 01: 24 Credits, Common for all Specializations of B.Des.</b>								
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%
<b>Semester 02: 24 Credits, Common for all Specializations of B.Des.</b>								
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%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 03: 24 Credits</b>								
11	A44031	Craft Studies and Ergonomics	20	80	100	STW	4	50%
<b>Elective: Group A</b>								
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%
15	A44035	Interior Design Project I	40	160	200	SV	8	50%
<b>Elective: Group B</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%
<b>Semester 04: 24 Credits</b>								
20	A44041	Photography Skills and Rendering Techniques	20	80	100	STW	4	50%
<b>Elective: Group A</b>								
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%
<b>Elective: Group B</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%
<b>Semester 05: 24 Credits</b>								
29	A44051	Design Theories, Methods and Documentation	20	80	100	STW	4	50%
<b>Elective: Group A</b>								
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%
<b>Elective: Group B</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%
<b>Semester 06: 24 Credits</b>								
38	A44061	Design Portfolio and Film Making	20	80	100	STW	4	50%
<b>Elective: Group A</b>								
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%
<b>Elective: Group B</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%
<b>Semester 07: 24 Credits</b>								

SN	Code	Name	CA	EE	TM	Type	CR	Min %
47	A44071	Design Seminar	20	80	100	STW	47	50%
<b>Elective: Group A</b>								
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%
<b>Elective: Group B</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%
<b>Semester 08: 24 Credits</b>								
54	A44081	Internship	100	400	500	SV	20	50%
55	A44082	Report and Documentation	20	80	100	SV	4	50%

## SCIENCE PROGRAMMES

### T80: B.Sc. (BIO-INF.) {2006 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	SBI011	Basic Biology	-	100	100	T	4	40%
02	SBI012	Communication Skill	-	100	100	T	4	40%
03	SBI013	Mathematics	-	100	100	T	4	40%
04	SBI014	Environmental Science	-	100	100	T	4	40%
05	SBI015	Lab Course	-	100	100	P	4	40%
<b>Semester 02</b>								
06	SBI021	Basic Statistics	-	100	100	T	4	40%
07	SBI022	Basic Chemistry	-	100	100	T	4	40%
08	SBI023	Applied Physics	-	100	100	T	4	40%
09	SBI024	Programming Concepts	-	100	100	T	4	40%
10	SBI025	Lab Course	-	100	100	P	4	40%
<b>Semester 03</b>								
11	SBI031	Basic Biochemistry	-	100	100	T	4	40%
12	SBI032	General Microbiology-I	-	100	100	T	4	40%
13	SBI033	Physiology	-	100	100	T	4	40%
14	SBI034	Metabolism	-	100	100	T	4	40%
15	SBI035	Lab Course	-	100	100		4	40%
<b>Semester 04</b>								
16	SBI041	Cell Biology-I	-	100	100	T	4	40%
17	SBI042	Basic Biosciences	-	100	100	T	4	40%
18	SBI043	Biophysical Techniques-I	-	100	100	T	4	40%
19	SBI044	Molecular Biology-I	-	100	100	T	4	40%
20	SBI045	Lab Course	-	100	100	P	4	40%
<b>Semester 05</b>								
21	SBI051	Basics of Bioinformatics	-	100	100	T	4	40%
22	SBI052	Computer Programming - I	-	100	100	T	4	40%
23	SBI053	DBMS - I	-	100	100	T	4	40%
24	SBI054	Introduction to Molecular Genetics	-	100	100	T	4	40%
25	SBI055	Lab Course	-	100	100	P	4	40%
<b>Semester 06</b>								
26	SBI061	Computational Molecular Biology	-	100	100	T	4	40%
27	SBI062	Computer Programming - II	-	100	100	T	4	40%



SN	Code	Name	CA	EE	TM	Type	CR	Min %
28	SBI063	DBMS - II	-	100	100	T	4	40%
29	SBI064	Cell Biology, Genetics & Immunology	-	100	100	T	4	40%
30	SBI065	Lab Course	-	100	100	P	4	40%

### **T82: B.Sc. (BIO-TECH.) {2006 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 20Credits</b>								
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%
<b>Semester 02: 20Credits</b>								
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%
<b>Semester 03: 20Credits</b>								
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%
<b>Semester 04: 20Credits</b>								
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%
<b>Semester 05: 20Credits</b>								
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%
<b>Semester 06: 20Credits</b>								
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%

### **T82: B.Sc. (BIO-TECH.) {2015 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 20Credits</b>								
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%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
05	SBT015	Lab Course	-	100	100	P	4	40%
<b>Semester 02: 20Credits</b>								
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%
<b>Semester 03: 20Credits</b>								
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%
<b>Semester 04: 20Credits</b>								
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%
<b>Semester 05: 20Credits</b>								
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%
<b>Semester 06: 20Credits</b>								
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%

### V26: B.Sc. (NAUT. SC.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	So1012	Applied Mathematics-I	20	80	100	T	4	50%
02	So1013	Nautical Physics & Electronics-I	15	60	75	T	3	50%
03	So2013	Nautical Physics & Electronics-I	05	20	25	P	1	50%
04	So1014	Navigation-I	15	60	75	T	3	70%
05	So2014	Navigation-I	05	20	25	P	1	70%
06	So1015	Voyage Planning and Collision Prevention-I	10	40	50	T	2	70%
07	So2015	Voyage Planning and Collision Prevention-I	10	40	50	P	2	70%
08	So1017	Environmental Science-I	15	60	75	T	3	50%
09	So2017	Environmental Science-I	05	20	25	P	1	50%
10	So1018	Marine Engineering and Control-I	15	60	75	T	3	50%
11	So2018	Marine Engineering and Control-I	05	20	25	P	1	50%
<b>Semester 02</b>								
12	So1021	English and Communication Skill	15	60	75	T	3	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
13	S02021	English and Communication Skill	05	20	25	P	1	50%
14	S01022	Applied Mathematics-II	20	80	100	T	4	50%
15	S01023	Nautical Physics & Electronics-II	15	60	75	T	3	50%
16	S02023	Nautical Physics & Electronics-II	05	20	25	P	1	50%
17	S01024	Ship Operation Technology-I	15	60	75	T	3	60%
18	S02024	Ship Operation Technology-I	05	20	25	P	1	60%
19	S01026	Naval Architecture-I	20	80	100	T	4	60%
20	S01028	Environmental Science-II	15	60	75	T	3	50%
21	S02028	Environmental Science-II	05	20	25	P	1	50%
<b>Semester 03</b>								
22	S01031	Computer Science	15	60	75	T	3	50%
23	S02031	Computer Science	05	20	25	P	1	50%
24	S01032	Applied Mathematics-III	20	80	100	T	4	50%
25	S01033	Nautical Physics & Electronics-III	15	60	75	T	3	50%
26	S02033	Nautical Physics & Electronics-III	05	20	25	P	1	50%
27	S01034	Naval Architecture-II	20	80	100	T	4	60%
28	S01035	Voyage Planning and Collision Prevention-II	10	40	50	T	2	70%
29	S02035	Voyage Planning and Collision Prevention-II	10	40	50	P	2	70%
30	S01036	Cargo Work and Marine Communication	15	60	75	T	3	60%
31	S02036	Cargo Work and Marine Communication	05	20	25	P	1	60%
<b>Semester 04</b>								
32	S01042	Applied Mathematics-IV	20	80	100	T	4	50%
33	S01043	Nautical Physics & Electronics-IV	15	60	75	T	3	50%
34	S02043	Nautical Physics & Electronics-IV	05	20	25	P	1	50%
35	S01044	Ship Operation Technology II	15	60	75	T	3	60%
36	S02044	Ship Operation Technology II	05	20	25	P	1	60%
37	S01045	Bridge Procedure and Legal Knowledge	15	60	75	T	3	60%
38	S02045	Bridge Procedure and Legal Knowledge	05	20	25	P	1	60%
39	S01046	Navigation-II	15	60	75	T	3	70%
40	S02046	Navigation-II	05	20	25	P	1	70%
41	S01047	Environmental Science-III	15	60	75	T	3	50%
42	S02047	Environmental Science-III	05	20	25	P	1	50%
<b>Semester 05</b>								
43	S01054	Navigation-III	15	60	75	T	3	70%
44	S02054	Navigation-III	05	20	25	P	1	70%
45	S01055	Voyage Planning and Collision Prevention-III	15	60	75	T	3	70%
46	S02055	Voyage Planning and Collision Prevention-III	5	20	25	P	1	70%
47	S01056	Ship Operation Technology III	15	60	75	T	3	60%
48	S02056	Ship Operation Technology III	05	20	25	P	1	60%
49	S01057	Marine Engineering and Control-II	15	60	75	T	3	50%
50	S02057	Marine Engineering and Control-II	05	20	25	P	1	50%
51	S01058	Shipping Management	20	80	100	T	4	50%
<b>Semester 06</b>								
52	S01064	Navigation-IV	15	60	75	T	3	70%
53	S02064	Navigation-IV	05	20	25	P	1	70%
54	S01065	Ship Operation Technology IV	15	60	75	T	3	60%
55	S02065	Ship Operation Technology IV	05	20	25	P	1	60%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
56	So1066	Naval Architecture-III	20	80	100	T	4	60%
57	So1067	Marine Engineering and Control-III	15	60	75	T	3	50%
58	So2067	Marine Engineering and Control-III	05	20	25	P	1	50%
59	So1068	Maritime Law	20	80	100	T	4	50%

### V45: B.Sc. (ACT. SC.) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 16Credits</b>								
01	So4011	Mathematics for Actuaries	20	80	100	T	4	50%
02	So4012	Descriptive Statistics	20	80	100	T	4	50%
03	So4013	Interest Rates and Annuities	20	80	100	T	4	50%
04	So4014	Basics of Accounting	20	80	100	T	4	50%
<b>Semester 02: 16Credits</b>								
05	So4021	Business Economics - I	20	80	100	T	4	50%
06	So4022	Probability and Distributions	20	80	100	T	4	50%
07	So4023	Advanced Applications of Annuities	20	80	100	T	4	50%
08	So4024	Corporate Finance	20	80	100	T	4	50%
<b>Semester 03: 16Credits</b>								
09	So4031	Business Economics - II	20	80	100	T	4	50%
10	So4032	Estimation and Hypotheses Testing	20	80	100	T	4	50%
11	So4033	Life Insurance - Principles, Products and Practices	20	80	100	T	4	50%
12	So4034	Communications & Research Methodology	20	80	100	T	4	50%
<b>Semester 04: 16Credits</b>								
13	So4041	Stochastic Processes	20	80	100	T	4	50%
14	So4042	Survival Analysis	20	80	100	T	4	50%
15	So4043	Non-Life Insurance - Principles, Products, Practices	20	80	100	T	4	50%
16	So4044	EXCEL, MACROS with Visual Basic	20	80	100	P	4	50%
<b>Semester 05: 16Credits</b>								
17	So4051	Risk Models for General Insurance	20	80	100	T	4	50%
18	So4052	Reserving and Time Series	20	80	100	T	4	50%
19	So4053	Business Environment and Enterprise Risk Management	20	80	100	T	4	50%
20	So4054	Actuarial Applications Using EXCEL	20	80	100	P	4	50%
<b>Semester 06: 16Credits</b>								
21	So4061	Life Insurance Pricing	20	80	100	T	4	50%
22	So4062	Reserving and Joint Life Distributions	20	80	100	T	4	50%
23	So4063	Portfolio Theory Development	20	80	100	T	4	50%
24	So4064	Derivative Pricing and Risk Management	20	80	100	T	4	50%

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

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 16Credits</b>								
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%
<b>Semester 02: 16Credits</b>								
05	So4021	Business Economics - I	20	80	100	T	4	40%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
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%
<b>Semester 03: 16Credits</b>								
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%
<b>Semester 04: 16Credits</b>								
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%
<b>Semester 05: 16Credits</b>								
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%
<b>Semester 06: 16Credits</b>								
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%

### T81: M.Sc. (BIO-INF.) {2006 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 07</b>								
01	SBI071	Concepts in Computing and Basics of Bioinformatics	-	100	100	T	4	40%
02	SBI072	Biological Chemistry	-	100	100	T	4	40%
03	SBI073	Statistical Techniques	-	100	100	T	4	40%
04	SBI074	Structural Biology	-	100	100	T	4	40%
05	SBI075	Lab Course	-	100	100	P	4	40%
<b>Semester 08</b>								
06	SBI081	Genomics Databases & Applications	-	100	100	T	4	40%
07	SBI082	Genetic Information Flow and Processing	-	100	100	T	4	40%
08	SBI083	Programming in Perl	-	100	100	T	4	40%
09	SBI084	Protein Structure Prediction & Molecular Modeling	-	100	100	T	4	40%
10	SBI085	Lab Course	-	100	100	P	4	40%
<b>Semester 09</b>								
11	SBI091	Biochemistry of Metabolism	-	100	100	T	4	40%
12	SBI092	Sequence-based Bioinformatics Approaches	-	100	100	T	4	40%
13	SBI093	Programming Languages and Software Tools in Bioinformatics-I	-	100	100	T	4	40%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
14	SBI094	Programming Languages and Software Tools in Bioinformatics-II	-	100	100	T	4	40%
15	SBI095	Lab Course	-	100	100	P	4	40%
<b>Semester 10</b>								
16	SBI101	Genetic Engineering	-	100	100	T	4	40%
17	SBI102	Genetics and Genomics	-	100	100	T	4	40%
18	SBI103	Database Management Systems	-	100	100	T	4	40%
19	SBI104	Research Methodology	-	100	100	T	4	40%
20	SBI105	Project	-	100	100	PW	4	40%

### **T83: M.Sc. (BIO-TECH.) {2006 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 07: 20Credits</b>								
01	SBT071	Biochemistry	-	100	100	T	4	40%
02	SBT072	Enzymology	-	100	100	T	4	40%
03	SBT073	Biophysical Techniques-II	-	100	100	T	4	40%
04	SBT074	Biostatistics	-	100	100	T	4	40%
05	SBT075	Lab Course	-	100	100	P	4	40%
<b>Semester 08: 20Credits</b>								
06	SBT081	General Microbiology-II	-	100	100	T	4	40%
07	SBT082	Cell Biology-II	-	100	100	T	4	40%
08	SBT083	Genetics	-	100	100	T	4	40%
09	SBT084	Bioinformatics	-	100	100	T	4	40%
10	SBT085	Lab Course	-	100	100	P	4	40%
<b>Semester 09: 20Credits</b>								
11	SBT091	Immunology-II	-	100	100	T	4	40%
12	SBT092	Molecular Biology-II	-	100	100	T	4	40%
13	SBT093	Genetic Engineering-II	-	100	100	T	4	40%
14	SBT094	Intellectual Property Rights & Biosafety	-	100	100	T	4	40%
15	SBT095	Lab Course	-	100	100	P	4	40%
<b>Semester 10: 20Credits</b>								
16	SBT101	Plant Transgenics and Tissue Culture	-	100	100	T	4	40%
17	SBT102	Applications of Biotechnology	-	100	100	T	4	40%
18	SBT103	Pharmaceutical Biotechnology	-	100	100	T	4	40%
19	SBT104	Research Methodology	-	100	100	T	4	40%
20	SBT105	Project	-	100	100	PW	4	40%

### **T83: M.Sc. (BIO-TECH.) {2015 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 07: 20Credits</b>								
01	SBT071	Biochemistry	-	100	100	T	4	40%
02	SBT072	Enzymology	-	100	100	T	4	40%
03	SBT073	Biophysical Techniques-II	-	100	100	T	4	40%
04	SBT074	Biostatistics	-	100	100	T	4	40%
05	SBT075	Lab Course	-	100	100	P	4	40%
<b>Semester 08: 20Credits</b>								
06	SBT081	General Microbiology-II	-	100	100	T	4	40%
07	SBT082	Cell Biology-II	-	100	100	T	4	40%
08	SBT083	Genetics	-	100	100	T	4	40%
09	SBT084	Bioinformatics	-	100	100	T	4	40%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
10	SBT085	Lab Course	-	100	100	P	4	40%
<b>Semester 09: 20Credits</b>								
11	SBT091	Immunology-II	-	100	100	T	4	40%
12	SBT092	Molecular Biology-II	-	100	100	T	4	40%
13	SBT093	Genetic Engineering-II	-	100	100	T	4	40%
14	SBT094	Intellectual Property Rights & Biosafety	-	100	100	T	4	40%
15	SBT095	Lab Course	-	100	100	P	4	40%
<b>Semester 10: 20Credits</b>								
16	SBT101	Plant Transgenics and Tissue Culture	-	100	100	T	4	40%
17	SBT102	Applications of Biotechnology	-	100	100	T	4	40%
18	SBT103	Pharmaceutical Biotechnology	-	100	100	T	4	40%
19	SBT104	Research Methodology	-	100	100	T	4	40%
20	SBT105	Project	-	100	100	PW	4	40%

### V34: M.Sc. (Env. Sc.)

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Year 01: 32 Credits</b>								
01	MES101	Environmental Science and Ecology	20	80	100	T	4	40%
02	MES102	Environmental Engineering	20	80	100	T	4	40%
03	MES103	Natural Resources and Their Conservation	20	80	100	T	4	40%
04	MES104	Pollution and Health and Hazards	20	80	100	T	4	40%
05	MES201	Environmental Statistics and Computer Application	20	80	100	T	4	40%
06	MES202	Environmental Pollution and Control	20	80	100	T	4	40%
07	MES203	Lab 1: Practical based on MES101, MES102 and MES103	-	100	100	P	4	40%
08	MES204	Lab 2: Practical based on MES104, MES201 and MES202	-	100	100	P	4	40%
<b>Year 02: 28 Credits</b>								
09	MES301	Environmental Monitoring and Energy Studies	20	80	100	T	4	40%
10	MES302	Natural Resources and Instrumentation	20	80	100	T	4	40%
11	MES303	Environmental Education, Policies and Legislation	20	80	100	T	4	40%
12	MES304	Environmental Microbiology, Toxicology and Chemistry	20	80	100	T	4	40%
13	MES401	Environmental Management – Land, Soil and Water	20	80	100	T	4	40%
14	MES402	Environmental Geo-science	20	80	100	T	4	40%
15	MES403	Lab 3: Practical based on MES301 and MES304	-	100	100	P	4	40%
16	MES404	Project - Work	-	100	100	PW	4	40%

### V46: M.Sc. (ACT.SC.) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01: 24Credits</b>								
01	S14011	Mathematics of Finance- I	20	80	100	T	4	50%
02	S14012	Mathematics of Finance - II	20	80	100	T	4	50%
03	S14013	Statistics for Actuaries - I	20	80	100	T	4	50%
04	S14014	Statistics for Actuaries – II	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
05	S14015	Corporate Finance & Financial Reporting-I	20	80	100	T	4	50%
06	S14016	Corporate Finance & Financial Reporting-II	20	80	100	T	4	50%
<b>Semester 02: 24Credits</b>								
07	S14021	Actuarial Modeling-I	20	80	100	T	4	50%
08	S14022	Actuarial Modeling-II	20	80	100	T	4	50%
09	S14023	Casualty Actuarial Science and Time Series-I	20	80	100	T	4	50%
10	S14024	Casualty Actuarial Science and Time Series-II	20	80	100	T	4	50%
11	S14025	Actuarial Business Economics-I	20	80	100	T	4	50%
12	S14026	Actuarial Business Economics-II	20	80	100	T	4	50%
<b>Semester 03: 24Credits</b>								
13	S14031	Life Contingencies-I	20	80	100	T	4	50%
14	S14032	Life Contingencies-II	20	80	100	T	4	50%
15	S14033	Financial Economics - I	20	80	100	T	4	50%
16	S14034	Financial Economics - II	20	80	100	T	4	50%
17	S14035	Communication & Research Methodology	20	80	100	T	4	50%
18	S14036	Business Environment and Enterprise Risk Management	20	80	100	T	4	50%
<b>Semester 04: 24Credits</b>								
19	S14041	Asset and Liability Management – I	20	80	100	T	4	50%
20	S14042	Asset and Liability Management – II	20	80	100	T	4	50%
21	S14043	Asset and Liability Management – III	20	80	100	T	4	50%
22	S14044	EXCEL, MACROS with Visual Basic	20	80	100	P	4	50%
23	S14045	Actuarial Applications Using EXCEL	20	80	100	P	4	50%
24	S14046	Actuarial Project	20	80	100	PW	4	50%

### V47: M.Sc. (IND. ENGG.) {2011 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	S17011	Advanced Production Planning & Control	20	80	100	T	4	50%
02	S17012	Project Management	20	80	100	T	4	50%
03	S17013	Marketing Management	20	80	100	T	4	50%
04	S17014	Research Methodology	20	80	100	T	4	50%
05	S17015	Industrial Engineering Lab	20	80	100	P	4	50%
<b>Semester 02</b>								
06	S17021	Ergonomics	20	80	100	T	4	50%
07	S17022	Reliability Engineering	20	80	100	T	4	50%
08	S17023	World Class Manufacturing	20	80	100	T	4	50%
09	S17024	Software Engineering	20	80	100	T	4	50%
10	S17025	Software Lab	20	80	100	P	4	50%
<b>Semester 03</b>								
11	S17031	Systems Analysis and Simulation	20	80	100	T	4	50%
12	S17032	Enterprise Resource Planning	20	80	100	T	4	50%
13	S17033	Service Marketing	20	80	100	T	4	50%
14	S17034	Security Analysis and Portfolio Management	20	80	100	T	4	50%
15	S17035	Project Work Stage I	20	80	100	PW	4	50%
<b>Semester 04</b>								



SN	Code	Name	CA	EE	TM	Type	CR	Min %
16	S17041	Organizational Behavior	20	80	100	T	4	50%
17	S17042	Project Work Stage II	80	320	400	PW	16	50%

## TECHNOLOGY PROGRAMMES

### T03: DIP (COMP.TECH.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TES011	Applied Physics	20	80	100	T	4	50%
02	TES012	Applied Mathematics-1	20	80	100	T	4	50%
03	TES013	Self-Study Skills	20	80	100	T	4	50%
04	TES014	Technical Communication	20	80	100	T	4	50%
05	TES015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TES021	Engineering Drawing-1	20	80	100	T	4	50%
07	TES022	Applied Mathematics-2	20	80	100	T	4	50%
08	TES023	Electronic Components and Materials	20	80	100	T	4	50%
09	TES024	Engineering Graphics	20	80	100	T	4	50%
10	TES025	Electronic Manufacturing and Graphics	20	80	100	P	4	50%
<b>Semester 03</b>								
11	TES031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TES032	Electric Circuit Analysis	20	80	100	T	4	50%
13	TES033	Electrical Measurements & Instruments	20	80	100	T	4	50%
14	TES034	Electric Machines	20	80	100	T	4	50%
15	TES035	Electrical Engineering	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TES041	Basic Electronics-1	20	80	100	T	4	50%
17	TES042	Basic Electronics-2	20	80	100	T	4	50%
18	TES043	Basic Electronics-3	20	80	100	T	4	50%
19	TES044	Basic Electronics-4	20	80	100	T	4	50%
20	TES045	Basic Electronics	20	80	100	P	4	50%
<b>Semester 05</b>								
21	E07051	Digital Electronics	20	80	100	T	4	50%
22	E07052	Microprocessor-1	20	80	100	T	4	50%
23	E07053	Microprocessor-2	20	80	100	T	4	50%
24	E07054	Microprocessor-3	20	80	100	T	4	50%
25	TES055	Digital Electronics and Microprocessor	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TES061	Management Science	20	80	100	T	4	50%
27	TES062	Entrepreneurship Development	20	80	100	T	4	50%
28	TES063	Micro controllers	20	80	100	T	4	50%
29	TES064	Electronic Measurements & Instruments	20	80	100	T	4	50%
30	TES065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	TES081	PC Up-gradation and Maintenance	20	80	100	T	4	50%
32	TES082	Network Operating System (Windows Server 2003)	20	80	100	T	4	50%
33	TES083	Basic Networking (Windows Server 2003)	20	80	100	T	4	50%
34	TES084	Network Administration (Windows Server 2003)	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
35	TES085	PC Maintenance and Network Administration	20	80	100	P	4	50%

### **TO5: DIP (IND. ELECTRONICS) {2010 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TES011	Applied Physics	20	80	100	T	4	50%
02	TES012	Applied Mathematics-1	20	80	100	T	4	50%
03	TES013	Self-Study Skills	20	80	100	T	4	50%
04	TES014	Technical Communication	20	80	100	T	4	50%
05	TES015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TES021	Engineering Drawing-1	20	80	100	T	4	50%
07	TES022	Applied Mathematics-2	20	80	100	T	4	50%
08	TES023	Electronic Components and Materials	20	80	100	T	4	50%
09	TES024	Engineering Graphics	20	80	100	T	4	50%
10	TES025	Electronic Manufacturing and Graphics	20	80	100	P	4	50%
<b>Semester 03</b>								
11	TES031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TES032	Electric Circuit Analysis	20	80	100	T	4	50%
13	TES033	Electrical Measurements & Instruments	20	80	100	T	4	50%
14	TES034	Electric Machines	20	80	100	T	4	50%
15	TES035	Electrical Engineering	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TES041	Basic Electronics-1	20	80	100	T	4	50%
17	TES042	Basic Electronics-2	20	80	100	T	4	50%
18	TES043	Basic Electronics-3	20	80	100	T	4	50%
19	TES044	Basic Electronics-4	20	80	100	T	4	50%
20	TES045	Basic Electronics	20	80	100	P	4	50%
<b>Semester 05</b>								
21	E07051	Digital Electronics	20	80	100	T	4	50%
22	E07052	Microprocessor-1	20	80	100	T	4	50%
23	E07053	Microprocessor-2	20	80	100	T	4	50%
24	E07054	Microprocessor-3	20	80	100	T	4	50%
25	TES055	Digital Electronics and Microprocessor	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TES061	Management Science	20	80	100	T	4	50%
27	TES062	Entrepreneurship Development	20	80	100	T	4	50%
28	TES063	Micro controllers	20	80	100	T	4	50%
29	TES064	Electronic Measurements & Instruments	20	80	100	T	4	50%
30	TES065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	TES101	Power Electronics -1	20	80	100	T	4	50%
32	TES102	Power Electronics -2	20	80	100	T	4	50%
33	TES103	Industrial Electronics-1	20	80	100	T	4	50%
34	TES104	Industrial Electronics-2	20	80	100	T	4	50%
35	TES105	Power and Industrial Electronics	20	80	100	P	4	50%

### **TO6: DIP (INST.ENGG.) {2010 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
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SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TES011	Applied Physics	20	80	100	T	4	50%
02	TES012	Applied Mathematics-1	20	80	100	T	4	50%
03	TES013	Self-Study Skills	20	80	100	T	4	50%
04	TES014	Technical Communication	20	80	100	T	4	50%
05	TES015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TES021	Engineering Drawing-1	20	80	100	T	4	50%
07	TES022	Applied Mathematics-2	20	80	100	T	4	50%
08	TES023	Electronic Components and Materials	20	80	100	T	4	50%
09	TES024	Engineering Graphics	20	80	100	T	4	50%
10	TES025	Electronic Manufacturing and Graphics	20	80	100	P	4	50%
<b>Semester 03</b>								
11	TES031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TES032	Electric Circuit Analysis	20	80	100	T	4	50%
13	TES033	Electrical Measurements & Instruments	20	80	100	T	4	50%
14	TES034	Electric Machines	20	80	100	T	4	50%
15	TES035	Electrical Engineering	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TES041	Basic Electronics-1	20	80	100	T	4	50%
17	TES042	Basic Electronics-2	20	80	100	T	4	50%
18	TES043	Basic Electronics-3	20	80	100	T	4	50%
19	TES044	Basic Electronics-4	20	80	100	T	4	50%
20	TES045	Basic Electronics	20	80	100	P	4	50%
<b>Semester 05</b>								
21	E07051	Digital Electronics	20	80	100	T	4	50%
22	E07052	Microprocessor-1	20	80	100	T	4	50%
23	E07053	Microprocessor-2	20	80	100	T	4	50%
24	E07054	Microprocessor-3	20	80	100	T	4	50%
25	TES055	Digital Electronics and Microprocessor	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TES061	Management Science	20	80	100	T	4	50%
27	TES062	Entrepreneurship Development	20	80	100	T	4	50%
28	TES063	Micro controllers	20	80	100	T	4	50%
29	TES064	Electronic Measurements & Instruments	20	80	100	T	4	50%
30	TES065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	TES111	Instrumentation-1	20	80	100	T	4	50%
32	TES112	Instrumentation-2	20	80	100	T	4	50%
33	TES113	Biomedical Instrumentation-1	20	80	100	T	4	50%
34	TES114	Biomedical Instrumentation-2	20	80	100	T	4	50%
35	TES115	Instrumentation	20	80	100	P	4	50%

### T07: DIP (COMM. ENGG.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TES011	Applied Physics	20	80	100	T	4	50%
02	TES012	Applied Mathematics-1	20	80	100	T	4	50%
03	TES013	Self-Study Skills	20	80	100	T	4	50%
04	TES014	Technical Communication	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
05	TES015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TES021	Engineering Drawing-1	20	80	100	T	4	50%
07	TES022	Applied Mathematics-2	20	80	100	T	4	50%
08	TES023	Electronic Components and Materials	20	80	100	T	4	50%
09	TES024	Engineering Graphics	20	80	100	T	4	50%
10	TES025	Electronic Manufacturing and Graphics	20	80	100	P	4	50%
<b>Semester 03</b>								
11	TES031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TES032	Electric Circuit Analysis	20	80	100	T	4	50%
13	TES033	Electrical Measurements & Instruments	20	80	100	T	4	50%
14	TES034	Electric Machines	20	80	100	T	4	50%
15	TES035	Electrical Engineering	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TES041	Basic Electronics-1	20	80	100	T	4	50%
17	TES042	Basic Electronics-2	20	80	100	T	4	50%
18	TES043	Basic Electronics-3	20	80	100	T	4	50%
19	TES044	Basic Electronics-4	20	80	100	T	4	50%
20	TES045	Basic Electronics	20	80	100	P	4	50%
<b>Semester 05</b>								
21	E07051	Digital Electronics	20	80	100	T	4	50%
22	E07052	Microprocessor-1	20	80	100	T	4	50%
23	E07053	Microprocessor-2	20	80	100	T	4	50%
24	E07054	Microprocessor-3	20	80	100	T	4	50%
25	TES055	Digital Electronics and Microprocessor	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TES061	Management Science	20	80	100	T	4	50%
27	TES062	Entrepreneurship Development	20	80	100	T	4	50%
28	TES063	Micro controllers	20	80	100	T	4	50%
29	TES064	Electronic Measurements & Instruments	20	80	100	T	4	50%
30	TES065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	TES071	Communication Engineering-1	20	80	100	T	4	50%
32	TES072	Communication Engineering-2	20	80	100	T	4	50%
33	TES073	Data Communication	20	80	100	T	4	50%
34	TES074	Television Engineering	20	80	100	T	4	50%
35	TES075	Communication and Television Engineering	20	80	100	P	4	50%

## T24: DIP (MECH. ENGG.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TML011	Applied Physics	20	80	100	T	4	50%
02	TML012	Applied Mathematics-1	20	80	100	T	4	50%
03	TML013	Self-Study Skills	20	80	100	T	4	50%
04	TML014	Technical Communication	20	80	100	T	4	50%
05	TML015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TML021	Engineering Drawing-1	20	80	100	T	4	50%
07	TML022	Applied Mathematics-2	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
08	TML023	Engineering Drawing-2	20	80	100	T	4	50%
09	TML024	Machine Drawing	20	80	100	T	4	50%
10	TML025	Engineering and Machine Drawing	20	80	100	P	4	50%
<b>Semester 03</b>								
11	TML031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TML032	Applied Chemistry	20	80	100	T	4	50%
13	TML033	Basic Electronics	20	80	100	T	4	50%
14	TML034	Electric Machines	20	80	100	T	4	50%
15	TML035	Electrical and Electronics	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TML041	Engineering Mechanics-1	20	80	100	T	4	50%
17	M07042	Production Technology 1	20	80	100	T	4	50%
18	M07043	Production Technology 2	20	80	100	T	4	50%
19	M07044	Special Manufacturing Processes	20	80	100	T	4	50%
20	TML045	Production Technology	20	80	100	P	4	50%
<b>Semester 05</b>								
21	M07051	Strength of Material	20	80	100	T	4	50%
22	TML052	Engineering Mechanics-2	20	80	100	T	4	50%
23	TML053	Fluid Mechanics	20	80	100	T	4	50%
24	TML054	Hydraulic Machines	20	80	100	T	4	50%
25	TML055	Fluid Mechanics & Hydraulic Machines	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TML061	Management Science	20	80	100	T	4	50%
27	TML062	Entrepreneurship Development	20	80	100	T	4	50%
28	TML063	Engineering Materials-1	20	80	100	T	4	50%
29	TML064	Engineering Materials-2	20	80	100	T	4	50%
30	TML065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	M07071	Mechanical Measurements	20	80	100	T	4	50%
32	TML072	Basic Thermodynamics	20	80	100	T	4	50%
33	TML073	Machine Design	20	80	100	T	4	50%
34	TML074	Theory of Machines	20	80	100	T	4	50%
35	TML075	Machine Design & Theory of Machines	20	80	100	P	4	50%

### T50: DIP (PROD. ENGG.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TML011	Applied Physics	20	80	100	T	4	50%
02	TML012	Applied Mathematics-1	20	80	100	T	4	50%
03	TML013	Self-Study Skills	20	80	100	T	4	50%
04	TML014	Technical Communication	20	80	100	T	4	50%
05	TML015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TML021	Engineering Drawing-1	20	80	100	T	4	50%
07	TML022	Applied Mathematics-2	20	80	100	T	4	50%
08	TML023	Engineering Drawing-2	20	80	100	T	4	50%
09	TML024	Machine Drawing	20	80	100	T	4	50%
10	TML025	Engineering and Machine Drawing	20	80	100	P	4	50%
<b>Semester 03</b>								
11	TML031	Basic Electrical Engineering	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
12	TML032	Applied Chemistry	20	80	100	T	4	50%
13	TML033	Basic Electronics	20	80	100	T	4	50%
14	TML034	Electric Machines	20	80	100	T	4	50%
15	TML035	Electrical and Electronics	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TML041	Engineering Mechanics-1	20	80	100	T	4	50%
17	Mo7042	Production Technology 1	20	80	100	T	4	50%
18	Mo7043	Production Technology 2	20	80	100	T	4	50%
19	Mo7044	Special Manufacturing Processes	20	80	100	T	4	50%
20	TML045	Production Technology	20	80	100	P	4	50%
<b>Semester 05</b>								
21	Mo7051	Strength of Material	20	80	100	T	4	50%
22	TML052	Engineering Mechanics-2	20	80	100	T	4	50%
23	TML053	Fluid Mechanics	20	80	100	T	4	50%
24	TML054	Hydraulic Machines	20	80	100	T	4	50%
25	TML055	Fluid Mechanics & Hydraulic Machines	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TML061	Management Science	20	80	100	T	4	50%
27	TML062	Entrepreneurship Development	20	80	100	T	4	50%
28	TML063	Engineering Materials-1	20	80	100	T	4	50%
29	TML064	Engineering Materials-2	20	80	100	T	4	50%
30	TML065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	Mo7071	Mechanical Measurements	20	80	100	T	4	50%
32	TML072	Basic Thermodynamics	20	80	100	T	4	50%
33	TML073	Machine Design	20	80	100	T	4	50%
34	TML074	Theory of Machines	20	80	100	T	4	50%
35	TML075	Machine Design & Theory of Machines	20	80	100	P	4	50%
<b>Semester 08</b>								
36	TML081	Production & Operations Management-1	20	80	100	T	4	50%
37	TML082	Production & Operations Management-2	20	80	100	T	4	50%
38	Mo7083	Jigs and Fixture Design	20	80	100	T	4	50%
39	TML084	CNC Technology & Programming	20	80	100	T	4	50%
40	TML085	Production Engineering	20	80	100	P	4	50%

### **T51: DIP (AUTO. ENGG.) {2010 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TML011	Applied Physics	20	80	100	T	4	50%
02	TML012	Applied Mathematics-1	20	80	100	T	4	50%
03	TML013	Self-Study Skills	20	80	100	T	4	50%
04	TML014	Technical Communication	20	80	100	T	4	50%
05	TML015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TML021	Engineering Drawing-1	20	80	100	T	4	50%
07	TML022	Applied Mathematics-2	20	80	100	T	4	50%
08	TML023	Engineering Drawing-2	20	80	100	T	4	50%
09	TML024	Machine Drawing	20	80	100	T	4	50%
10	TML025	Engineering and Machine Drawing	20	80	100	P	4	50%
<b>Semester 03</b>								

SN	Code	Name	CA	EE	TM	Type	CR	Min %
11	TML031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TML032	Applied Chemistry	20	80	100	T	4	50%
13	TML033	Basic Electronics	20	80	100	T	4	50%
14	TML034	Electric Machines	20	80	100	T	4	50%
15	TML035	Electrical and Electronics	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TML041	Engineering Mechanics-1	20	80	100	T	4	50%
17	Mo7042	Production Technology 1	20	80	100	T	4	50%
18	Mo7043	Production Technology 2	20	80	100	T	4	50%
19	Mo7044	Special Manufacturing Processes	20	80	100	T	4	50%
20	TML045	Production Technology	20	80	100	P	4	50%
<b>Semester 05</b>								
21	Mo7051	Strength of Material	20	80	100	T	4	50%
22	TML052	Engineering Mechanics-2	20	80	100	T	4	50%
23	TML053	Fluid Mechanics	20	80	100	T	4	50%
24	TML054	Hydraulic Machines	20	80	100	T	4	50%
25	TML055	Fluid Mechanics & Hydraulic Machines	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TML061	Management Science	20	80	100	T	4	50%
27	TML062	Entrepreneurship Development	20	80	100	T	4	50%
28	TML063	Engineering Materials-1	20	80	100	T	4	50%
29	TML064	Engineering Materials-2	20	80	100	T	4	50%
30	TML065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	Mo7071	Mechanical Measurements	20	80	100	T	4	50%
32	TML072	Basic Thermodynamics	20	80	100	T	4	50%
33	TML073	Machine Design	20	80	100	T	4	50%
34	TML074	Theory of Machines	20	80	100	T	4	50%
35	TML075	Machine Design & Theory of Machines	20	80	100	P	4	50%
<b>Semester 08</b>								
36	TML101	Automobile Engineering-1	20	80	100	T	4	50%
37	TML102	Automobile Engineering-2	20	80	100	T	4	50%
38	TML103	Automobile Engineering-3	20	80	100	T	4	50%
39	TML104	Automobile Engineering-4	20	80	100	T	4	50%
40	TML105	Automobile Engineering	20	80	100	P	4	50%

### T52: DIP (THERMAL ENGG.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TML011	Applied Physics	20	80	100	T	4	50%
02	TML012	Applied Mathematics-1	20	80	100	T	4	50%
03	TML013	Self-Study Skills	20	80	100	T	4	50%
04	TML014	Technical Communication	20	80	100	T	4	50%
05	TML015	Computer Fundamentals	20	80	100	P	4	50%
<b>Semester 02</b>								
06	TML021	Engineering Drawing-1	20	80	100	T	4	50%
07	TML022	Applied Mathematics-2	20	80	100	T	4	50%
08	TML023	Engineering Drawing-2	20	80	100	T	4	50%
09	TML024	Machine Drawing	20	80	100	T	4	50%
10	TML025	Engineering and Machine Drawing	20	80	100	P	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 03</b>								
11	TML031	Basic Electrical Engineering	20	80	100	T	4	50%
12	TML032	Applied Chemistry	20	80	100	T	4	50%
13	TML033	Basic Electronics	20	80	100	T	4	50%
14	TML034	Electric Machines	20	80	100	T	4	50%
15	TML035	Electrical and Electronics	20	80	100	P	4	50%
<b>Semester 04</b>								
16	TML041	Engineering Mechanics-1	20	80	100	T	4	50%
17	Mo7042	Production Technology 1	20	80	100	T	4	50%
18	Mo7043	Production Technology 2	20	80	100	T	4	50%
19	Mo7044	Special Manufacturing Processes	20	80	100	T	4	50%
20	TML045	Production Technology	20	80	100	P	4	50%
<b>Semester 05</b>								
21	Mo7051	Strength of Material	20	80	100	T	4	50%
22	TML052	Engineering Mechanics-2	20	80	100	T	4	50%
23	TML053	Fluid Mechanics	20	80	100	T	4	50%
24	TML054	Hydraulic Machines	20	80	100	T	4	50%
25	TML055	Fluid Mechanics & Hydraulic Machines	20	80	100	P	4	50%
<b>Semester 06</b>								
26	TML061	Management Science	20	80	100	T	4	50%
27	TML062	Entrepreneurship Development	20	80	100	T	4	50%
28	TML063	Engineering Materials-1	20	80	100	T	4	50%
29	TML064	Engineering Materials-2	20	80	100	T	4	50%
30	TML065	Diploma Project Work-1	20	80	100	PW	4	50%
<b>Semester 07</b>								
31	Mo7071	Mechanical Measurements	20	80	100	T	4	50%
32	TML072	Basic Thermodynamics	20	80	100	T	4	50%
33	TML073	Machine Design	20	80	100	T	4	50%
34	TML074	Theory of Machines	20	80	100	T	4	50%
35	TML075	Machine Design & Theory of Machines	20	80	100	P	4	50%
<b>Semester 08</b>								
36	Mo7111	Heat Transfer	20	80	100	T	4	50%
37	Mo7112	Air conditioning & Refrigeration-1	20	80	100	T	4	50%
38	Mo7113	Air conditioning & Refrigeration-2	20	80	100	T	4	50%
39	Mo7114	Air conditioning & Refrigeration-3	20	80	100	T	4	50%
40	TML115	Air conditioning and Refrigeration	20	80	100	P	4	50%

### V55: DIP (ELECTRICAL ENGG) {2014 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min%
<b>Semester 01</b>								
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%
<b>Semester 02</b>								
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%
<b>Semester 03</b>								
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%
<b>Semester 04</b>								
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%
<b>Semester 05</b>								
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%
<b>Semester 06</b>								
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	<b>Elective-I: Any one</b> 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 %
<b>Semester 01</b>								
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%
<b>Semester 02</b>								

SN	Code	Name	CA	EE	TM	Type	CR	Min %
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%
<b>Semester 03</b>								
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%
<b>Semester 04</b>								
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%
<b>Semester 05</b>								
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%
<b>Semester 06</b>								
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%
<b>Semester 07</b>								
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%
<b>Semester 08</b>								
36	To7081	Industrial Management	20	80	100	T	4	50%
37	To7082	Renewable Energy Sources	20	80	100	T	4	50%
38	To7083 To8083	<b>Elective I:</b> 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%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
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 %
<b>Semester 01</b>								
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%
<b>Semester 02</b>								
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%
<b>Semester 03</b>								
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%
<b>Semester 04</b>								
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%
<b>Semester 05</b>								
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%
<b>Semester 06</b>								
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%
<b>Semester 07</b>								

SN	Code	Name	CA	EE	TM	Type	CR	Min %
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%
<b>Semester 08</b>								
36	To4081	Industrial Management	20	80	100	T	4	50%
37	To4082	Mobile Communication	20	80	100	T	4	50%
38	To4083 To5083	<b>Elective-I:</b> Any one of following courses Mechatronics Biomedical Instrumentation	20	80	100	T	4	50%
39	To4084	Project-Work	20	80	100	PW	4	50%
40	To4085	Mobile Communication & Elective – I Practical	20	80	100	P	4	50%

### **T33: B.TECH. (MARINE ENGG.) {2004 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TME011	Communicative English/Remedial Grammar	-	100	100	T	4	50%
02	TME012	Math I	-	100	100	T	4	50%
03	TME013	Geometrical & Engineering Drawing	-	100	100	T	4	50%
04	TME014	Applied Electricity & Electrical Measurements	-	100	100	T	4	50%
05	TME015	Workshop Technology	-	100	100	T	4	50%
06	TME016	Workshop	-	50	50	P	2	50%
07	TME017	Electrical Lab	-	50	50	P	2	50%
<b>Semester 02</b>								
08	TME021	Economics & Management Science	-	100	100	T	4	50%
09	TME022	Math II	-	100	100	T	4	50%
10	TME023	Applied Thermodynamics-I	-	100	100	T	4	50%
11	Mo7024	Material Science	-	100	100	T	4	50%
12	TME025	Engineering Mechanics	-	100	100	T	4	50%
13	TME026	Workshop	-	50	50	P	2	50%
14	TME027	Applied Mechanics Lab	-	50	50	P	2	50%
<b>Semester 03</b>								
15	TME031	Applied Thermodynamics - II	-	100	100	T	4	50%
16	TME032	Math III	-	100	100	T	4	50%
17	TME033	Machine & Marine Drawing	-	100	100	T	4	50%
18	Mo7034	Seamanship, Sociology, Psychology and Political Science	-	100	100	T	4	50%
19	TME035	Mechanics of Materials - I	-	100	100	T	4	50%
20	TME036	Workshop	-	50	50	P	2	50%
21	TME037	Material Science Lab	-	50	50	P	2	50%
<b>Semester 04</b>								
22	TME041	Electronics	-	100	100	T	4	50%
23	TME042	Mechanics of Fluids	-	100	100	T	4	50%
24	TME043	Mechanics of Machines - I	-	100	100	T	4	50%
25	TME044	Electrical Machines - I	-	100	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
26	TME045	Mechanics of Materials - II	-	100	100	T	4	50%
27	TME046	Workshop	-	50	50	P	2	50%
28	TME047	Electronics Lab	-	50	50	P	2	50%
<b>Semester 05</b>								
29	TME051	Fluid Machines	-	100	100	T	4	50%
30	TME052	Mechanics of Machines - II	-	100	100	T	4	50%
31	TME053	Computer Science	-	100	100	T	4	50%
32	TME054	Electrical Machines - II	-	100	100	T	4	50%
33	TME055	Elementary Design	-	100	100	T	4	50%
34	TME056	Computer Science Lab	-	50	50	P	2	50%
35	TME057	Electrical Machines Lab	-	50	50	P	2	50%
<b>Semester 06</b>								
36	TME061	Marine IC Engineering. - I	-	100	100	T	4	50%
37	TME062	Marine Boiler & Steam Engineering	-	100	100	T	4	50%
38	TME063	Marine Auxiliary Machine - I	-	100	100	T	4	50%
39	TME064	Ship Construction	-	100	100	T	4	50%
40	TME065	Marine Electrical Technology	-	100	100	T	4	50%
41	TME066	Applied Heat Lab	-	50	50	P	2	50%
42	TME067	Mechanical Lab	-	50	50	P	2	50%
<b>Semester 07</b>								
43	TME071	Naval Architecture	-	100	100	T	4	50%
44	TME072	Marine IC Engineering – II	-	100	100	T	4	50%
45	TME073	Marine Heat Engines & Air Conditioning	-	100	100	T	4	50%
46	TME074	Marine Machines, & System Design	-	100	100	T	4	50%
47	TME075	Marine Auxiliary Machine - II	-	100	100	T	4	50%
48	TME076	Power Plant Operation	-	50	50	P	2	50%
49	TME077	Boiler Chemical Lab	-	50	50	P	2	50%
<b>Semester 08</b>								
50	TME081	STCW & Ship Fire Prevention	-	100	100	T	4	50%
51	TME082	Marine Control Engineering & Automation	-	100	100	T	4	50%
52	TME083	Commercial Geography, Ship Operation & Management	-	100	100	T	4	50%
53	TME084	Gas Turbine	-	100	100	T	4	50%
54	TME085	Technical Paper and Project	-	100	100	PW	4	50%
55	TME086	Fire Control Lab	-	50	50	P	2	50%
56	TME087	Control & Simulator Lab	-	50	50	P	2	50%

### **T34: B.TECH. (ELECTRONICS ENGG.) {2004 PATTERN}**

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TES011	Applied Physics	-	100	100	T	4	40%
02	TES012	Applied Mathematics-1	-	100	100	T	4	40%
03	TES013	Self-Study Skills	-	100	100	T	4	40%
04	TES014	Technical Communication	-	100	100	T	4	40%
05	TES015	Computer Fundamentals	-	100	100	P	4	40%
<b>Semester 02</b>								
06	TES021	Engineering Drawing-1	-	100	100	T	4	40%
07	TES022	Applied Mathematics-2	-	100	100	T	4	40%
08	TES023	Electronic Components and Materials	-	100	100	T	4	40%

<b>SN</b>	<b>Code</b>	<b>Name</b>	<b>CA</b>	<b>EE</b>	<b>TM</b>	<b>Type</b>	<b>CR</b>	<b>Min %</b>
09	TESo24	Engineering Graphics	-	100	100	T	4	40%
10	TESo25	Electronic Manufacturing and Graphics	-	100	100	P	4	40%
<b>Semester 03</b>								
11	TESo31	Basic Electrical Engineering	-	100	100	T	4	40%
12	TESo32	Electric Circuit Analysis	-	100	100	T	4	40%
13	TESo33	Electrical Measurements & Instruments	-	100	100	T	4	40%
14	TESo34	Electric Machines	-	100	100	T	4	40%
15	TESo35	Electrical Engineering	-	100	100	P	4	40%
<b>Semester 04</b>								
16	TESo41	Basic Electronics-1	-	100	100	T	4	40%
17	TESo42	Basic Electronics-2	-	100	100	T	4	40%
18	TESo43	Basic Electronics-3	-	100	100	T	4	40%
19	TESo44	Basic Electronics-4	-	100	100	T	4	40%
20	TESo45	Basic Electronics	-	100	100	P	4	40%
<b>Semester 05</b>								
21	Eo7051	Digital Electronics	-	100	100	T	4	40%
22	Eo7052	Microprocessor-1	-	100	100	T	4	40%
23	Eo7053	Microprocessor-2	-	100	100	T	4	40%
24	Eo7054	Microprocessor-3	-	100	100	T	4	40%
25	TESo55	Digital Electronics and Microprocessor	-	100	100	P	4	40%
<b>Semester 06</b>								
26	TESo61	Management Science	-	100	100	T	4	40%
27	TESo62	Entrepreneurship Development	-	100	100	T	4	40%
28	TESo63	Microcontrollers	-	100	100	T	4	40%
29	TESo64	Electronic Measurements & Instruments	-	100	100	T	4	40%
30	TESo65	Diploma Project Work-1	-	100	100	PW	4	40%
<b>Semester 07</b>								
31	TESo71	Communication Engineering-1	-	100	100	T	4	40%
32	TESo72	Communication Engineering-2	-	100	100	T	4	40%
33	TESo73	Data Communication	-	100	100	T	4	40%
34	TESo74	Television Engineering	-	100	100	T	4	40%
35	TESo75	Communication and Television Engineering	-	100	100	P	4	40%
<b>Semester 08</b>								
36	TESo81	PC Up-gradation and Maintenance	-	100	100	T	4	40%
37	TESo82	Network Operating System (Windows Server 2003)	-	100	100	T	4	40%
38	TESo83	Basic Networking (Windows Server 2003)	-	100	100	T	4	40%
39	TESo84	Network Administration (Windows Server 2003)	-	100	100	T	4	40%
40	TESo85	PC Maintenance and Network Administration	-	100	100	P	4	40%
<b>Semester 09</b>								
41	Eo7091	SQL Programming (SQL Server 2005)	-	100	100	T	4	40%
42	Eo7092	Object Oriented Programming (VB.Net 2005)	-	100	100	T	4	40%
43	Eo7093	Web Programming (ASP.Net 2.0)	-	100	100	T	4	40%
44	Eo7094	Web Data Access	-	100	100	T	4	40%
45	TESo95	IT Project Work	-	100	100	PW	4	40%
<b>Semester 10</b>								

SN	Code	Name	CA	EE	TM	Type	CR	Min %
46	TES101	Power Electronics -1	-	100	100	T	4	40%
47	TES102	Power Electronics -2	-	100	100	T	4	40%
48	TES103	Industrial Electronics-1	-	100	100	T	4	40%
49	TES104	Industrial Electronics-2	-	100	100	T	4	40%
50	TES105	Power and Industrial Electronics	-	100	100	P	4	40%
<b>Semester 11</b>								
51	TES111	Instrumentation-1	-	100	100	T	4	40%
52	TES112	Instrumentation-2	-	100	100	T	4	40%
53	TES113	Biomedical Instrumentation-1	-	100	100	T	4	40%
54	TES114	Biomedical Instrumentation-2	-	100	100	T	4	40%
55	TES115	Instrumentation	-	100	100	P	4	40%
<b>Semester 12</b>								
56	TES121	Total Quality Management	-	100	100	T	4	40%
57	TES122	Mobile and Personal Communication	-	100	100	T	4	40%
58	TES123	Electric Drives	-	100	100	T	4	40%
59	TES124	Electronic Circuit Design	-	100	100	T	4	40%
60	TES125	Degree Project Work-2	-	100	100	PW	4	40%

### T35: B.TECH. (MECH. ENGG.) {2004 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	TML011	Applied Physics	-	100	100	T	4	40%
02	TML012	Applied Mathematics-1	-	100	100	T	4	40%
03	TML013	Self-Study Skills	-	100	100	T	4	40%
04	TML014	Technical Communication	-	100	100	T	4	40%
05	TML015	Computer Fundamentals	-	100	100	P	4	40%
<b>Semester 02</b>								
06	TML021	Engineering Drawing-1	-	100	100	T	4	40%
07	TML022	Applied Mathematics-2	-	100	100	T	4	40%
08	TML023	Engineering Drawing-2	-	100	100	T	4	40%
09	TML024	Machine Drawing	-	100	100	T	4	40%
10	TML025	Engineering and Machine Drawing	-	100	100	P	4	40%
<b>Semester 03</b>								
11	TML031	Basic Electrical Engineering	-	100	100	T	4	40%
12	TML032	Applied Chemistry	-	100	100	T	4	40%
13	TML033	Basic Electronics	-	100	100	T	4	40%
14	TML034	Electric Machines	-	100	100	T	4	40%
15	TML035	Electrical and Electronics	-	100	100	P	4	40%
<b>Semester 04</b>								
16	TML041	Engineering Mechanics-1	-	100	100	T	4	40%
17	Mo7042	Production Technology 1	-	100	100	T	4	40%
18	Mo7043	Production Technology 2	-	100	100	T	4	40%
19	Mo7044	Special Manufacturing Processes	-	100	100	T	4	40%
20	TML045	Production Technology	-	100	100	P	4	40%
<b>Semester 05</b>								
21	Mo7051	Strength of Material	-	100	100	T	4	40%
22	TML052	Engineering Mechanics-2	-	100	100	T	4	40%
23	TML053	Fluid Mechanics	-	100	100	T	4	40%
24	TML054	Hydraulic Machines	-	100	100	T	4	40%
25	TML055	Fluid Mechanics & Hydraulic Machines	-	100	100	P	4	40%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 06</b>								
26	TML061	Management Science	-	100	100	T	4	40%
27	TML062	Entrepreneurship Development	-	100	100	T	4	40%
28	TML063	Engineering Materials-1	-	100	100	T	4	40%
29	TML064	Engineering Materials-2	-	100	100	T	4	40%
30	TML065	Diploma Project Work-1	-	100	100	PW	4	40%
<b>Semester 07</b>								
31	MO7071	Mechanical Measurements	-	100	100	T	4	40%
32	TML072	Basic Thermodynamics	-	100	100	T	4	40%
33	TML073	Machine Design	-	100	100	T	4	40%
34	TML074	Theory of Machines	-	100	100	T	4	40%
35	TML075	Machine Design & Theory of Machines	-	100	100	P	4	40%
<b>Semester 08</b>								
36	TML081	Production & Operations Management-1	-	100	100	T	4	40%
37	TML082	Production & Operations Management-2	-	100	100	T	4	40%
38	MO7083	Jigs and Fixture Design	-	100	100	T	4	40%
39	TML084	CNC Technology & Programming	-	100	100	T	4	40%
40	TML085	Production Engineering	-	100	100	P	4	40%
<b>Semester 09</b>								
41	MO7091	SQL Programming (SQL Server 2005)	-	100	100	T	4	40%
42	MO7092	Object Oriented Programming (VB.Net 2005)	-	100	100	T	4	40%
43	MO7093	Web Programming (ASP.Net 2.0)	-	100	100	T	4	40%
44	MO7094	Web Data Access	-	100	100	T	4	40%
45	TML095	IT Project Work	-	100	100	PW	4	40%
<b>Semester 10</b>								
46	TML101	Automobile Engineering-1	-	100	100	T	4	40%
47	TML102	Automobile Engineering-2	-	100	100	T	4	40%
48	TML103	Automobile Engineering-3	-	100	100	T	4	40%
49	TML104	Automobile Engineering-4	-	100	100	T	4	40%
50	TML105	Automobile Engineering	-	100	100	P	4	40%
<b>Semester 11</b>								
51	MO7111	Heat Transfer	-	100	100	T	4	40%
52	MO7112	Air conditioning & Refrigeration-1	-	100	100	T	4	40%
53	MO7113	Air conditioning & Refrigeration-2	-	100	100	T	4	40%
54	MO7114	Air conditioning & Refrigeration-3	-	100	100	T	4	40%
55	TML115	Air conditioning and Refrigeration	-	100	100	P	4	40%
<b>Semester 12</b>								
56	TML121	Total Quality Management	-	100	100	T	4	40%
57	TML122	Computer Aided Design	-	100	100	T	4	40%
58	TML123	Industrial Engineering	-	100	100	T	4	40%
59	TML124	Mechatronics	-	100	100	T	4	40%
60	TML125	Degree Project Work-2	-	100	100	PW	4	40%

### V23: B.TECH. (MARINE ENGG.) {2010 PATTERN}

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
01	To1011	Communicative English/Remedial Grammar	20	80	100	T	4	50%
02	To1012	Math I	20	80	100	T	4	50%



SN	Code	Name	CA	EE	TM	Type	CR	Min %
03	To1013	Geometrical & Engineering Drawing	20	80	100	T	4	50%
04	To1014	Applied Electricity & Electrical Measurements	20	80	100	T	4	50%
05	To1015	Workshop Technology	20	80	100	T	4	50%
06	To1016	Workshop	10	40	50	P	2	50%
07	To1017	Electrical Lab	10	40	50	P	2	50%
<b>Semester 02</b>								
08	To1021	Economics & Management Science	20	80	100	T	4	50%
09	To1022	Math II	20	80	100	T	4	50%
10	To1023	Applied Thermodynamics-I	20	80	100	T	4	50%
11	To1024	Material Science	20	80	100	T	4	50%
12	To1025	Engineering Mechanics	20	80	100	T	4	50%
13	To1026	Workshop	10	40	50	P	2	50%
14	To1027	Applied Mechanics Lab	10	40	50	P	2	50%
<b>Semester 03</b>								
15	To1031	Applied Thermodynamics - II	20	80	100	T	4	50%
16	To1032	Math III	20	80	100	T	4	50%
17	To1033	Machine & Marine Drawing	20	80	100	T	4	50%
18	To1034	Seamanship, Sociology, Psychology and Political Science	20	80	100	T	4	50%
19	To1035	Mechanics of Materials - I	20	80	100	T	4	50%
20	To1036	Workshop	10	40	50	P	2	50%
21	To1037	Material Science Lab	10	40	50	P	2	50%
<b>Semester 04</b>								
22	To1041	Electronics	20	80	100	T	4	50%
23	To1042	Mechanics of Fluids	20	80	100	T	4	50%
24	To1043	Mechanics of Machines - I	20	80	100	T	4	50%
25	To1044	Electrical Machines - I	20	80	100	T	4	50%
26	To1045	Mechanics of Materials - II	20	80	100	T	4	50%
27	To1046	Workshop	10	40	50	P	2	50%
28	To1047	Electronics Lab	10	40	50	P	2	50%
<b>Semester 05</b>								
29	To1051	Fluid Machines	20	80	100	T	4	50%
30	To1052	Mechanics of Machines - II	20	80	100	T	4	50%
31	To1053	Computer Science	20	80	100	T	4	50%
32	To1054	Electrical Machines - II	20	80	100	T	4	50%
33	To1055	Elementary Design	20	80	100	T	4	50%
34	To1056	Computer Science Lab	10	40	50	P	2	50%
35	To1057	Electrical Machines Lab	10	40	50	P	2	50%
<b>Semester 06</b>								
36	To1061	Marine IC Engineering - I	20	80	100	T	4	50%
37	To1062	Marine Boiler & Steam Engineering	20	80	100	T	4	50%
38	To1063	Marine Auxiliary Machine - I	20	80	100	T	4	50%
39	To1064	Ship Construction	20	80	100	T	4	50%
40	To1065	Marine Electrical Technology	20	80	100	T	4	50%
41	To1066	Applied Heat Lab	10	40	50	P	2	50%
42	To1067	Mechanical Lab	10	40	50	P	2	50%
<b>Semester 07</b>								
43	To1071	Naval Architecture	20	80	100	T	4	50%
44	To1072	Marine IC Engineering – II	20	80	100	T	4	50%
45	To1073	Marine Heat Engines & Air Conditioning	20	80	100	T	4	50%

SN	Code	Name	CA	EE	TM	Type	CR	Min %
46	To1074	Marine Machines, & System Design	20	80	100	T	4	50%
47	To1075	Marine Auxiliary Machine - II	20	80	100	T	4	50%
48	To1076	Power Plant Operation	10	40	50	P	2	50%
49	To1077	Boiler Chemical Lab	10	40	50	P	2	50%
<b>Semester 08</b>								
50	To1081	STCW & Ship Fire Prevention	20	80	100	T	4	50%
51	To1082	Marine Control Engineering & Automation	20	80	100	T	4	50%
52	To1083	Commercial Geography, Ship Operation & Management	20	80	100	T	4	50%
53	To1084	Tanker Operations	20	80	100	T	4	50%
54	To1085	Technical Paper and Project	20	80	100	PW	4	50%
55	To1086	Fire Control Lab	10	40	50	P	2	50%
56	To1087	Control & Simulator Lab	10	40	50	P	2	50%

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

SN	Code	Name	CA	EE	TM	Type	CR	Min %
<b>Semester 01</b>								
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%
<b>Semester 02</b>								
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%
<b>Semester 03</b>								
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%
<b>Semester 04</b>								
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%

<b>SN</b>	<b>Code</b>	<b>Name</b>	<b>CA</b>	<b>EE</b>	<b>TM</b>	<b>Type</b>	<b>CR</b>	<b>Min %</b>
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%
<b>Semester 05</b>								
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%
<b>Semester 06</b>								
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%
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%
<b>Semester 07</b>								
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%
<b>Semester 08</b>								
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%

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# 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 in YCMOU Common Prospectus 2018-19 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 2018-19.

## PROGRAMME FEE RULES

Programme Fee Details, Eligibility Criteria and Fees Structure for Programmes offered in Academic Year 2018-19, Recognized Study Centers, etc are given in this Prospectus and also in YCMOU Common Prospectus: 2018-19.

## STUDENT EVALUATION

Student Evaluation policies are given in this Prospectus and also in YCMOU Common Prospectus: 2018-19.

## END EXAMINATION

Examination services details are given in this Prospectus and also in YCMOU Common Prospectus: 2018-19.

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 <b>only Theory</b> Type of Courses, <b>where last 3 characters of the course code are (Full course codes are used for V34, V92 and V96 Programmes)</b>		
01st Day: Course 01 Dec/Jan <b>or</b> Jun/Jul	011, 051, 091, 131, AEC111, SEC511, <b>MES101</b>	031, 071, 111, SEC311, <b>MES301</b>
02nd Day: Course 01 Dec/Jan <b>or</b> Jun/Jul	021, 061, 101, 141, AEC211, SEC611, <b>MES104</b>	041, 081, 121, SEC411, <b>MES303</b>
03rd Day: Course 02 Dec/Jan <b>or</b> Jun/Jul	012, 052, 092, 132, S34121, S34521, S64121, S64521, <b>MES102</b>	032, 072, 112, S34321, S64321, <b>MES302</b>
04th Day: Course 02 Dec/Jan <b>or</b> Jun/Jul	022, 062, 102, 142, S34221, S34621, S64221, S64621, <b>MES201</b>	042, 082, 122, S34421, S64421, <b>MES401</b>
05th Day: Course 03 Dec/Jan <b>or</b> Jun/Jul	#013, 053, 093, 133, S37131, S37531, S67131, S67531, <b>MES103</b> (# For V23 and T33 - Time 9:30-13:30)	#033, 073, 113, S37331, S67331, <b>MES304</b> (# For V23 and T33 - Time 14:30-18:30)
06th Day: Course 03 Dec/Jan <b>or</b> Jun/Jul	023, 063, 103, 143, S37231, S37631, S67231, S67631, <b>MES202</b>	043, 083, 123, S37431, S67431, <b>MES402</b>
07th Day: Course 04 Dec/Jan <b>or</b> Jun/Jul	014, 054, 094, 134, S41141, S41541, S71141, S71541	034, 074, 114, S41341, S71341
08th Day: Course 04 Dec/Jan <b>or</b> Jun/Jul	024, 064, 104, 144, S41241, S41621, S71241, S71641	044, 084, 124, S41441, S71441
09th Day: Course 05 Dec/Jan <b>or</b> Jun/Jul	*015, 055, 095, 135 <b>(Not applicable for T101)</b>	035, 075, 115
10th Day: Course 05 Dec/Jan <b>or</b> Jun/Jul	*025, 065, 105, 145 <b>(Not applicable for T101)</b>	045, 085, 125
End Exam for Practical, Studio or Project-Work Type of Courses shall immediately follow after the last day of end exam for theory courses, <b>but end positively before</b> 30-Dec/30-Jan (for odd semester end exam) or 30-Jun/ 30-Jul (For even semester end exam). <b>Students are required to contact their allotted exam center for the detail schedule.</b>		

## 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 pages 2-4.
2. Now, student shall be allowed 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.

## 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. 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. Only 5 (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 based on following criteria:

- a. Term-Work submission by the student
  - b. Continuous Assessment submission by the student
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 based on following criteria:
  - a. Term-Work submission by the student
  - b. Continuous Assessment submission by the student
  - c. Viva-Voce
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 based on following criteria:
  - a. Conduct of One Randomly Selected Practical Activity
  - b. Viva-Voice
  - c. Journal (Work-Book) and
  - d. Report of Practical Activity
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 based on following criteria:

- a. Project Proposal and Review of Literature
- b. Project Results and Report
- c. Presentation
- d. Viva-Voce

## BEFORE 2010 PATTERN

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. 75% attendance in studio type of courses shall be essential prerequisite for appearing in end exam. Certification by the study center Head / Coordinator on the “End Exam Hall Ticket” shall automatically certify this minimum 75% attendance.

1. **Theory Type of Courses:** EE shall have total 25 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. Only 5 (Five) SAQs, each of 05 marks, shall be asked on any one or more chapters from the respective credit. Only total marks shall be reported for each student.
2. **Studio Type of Courses:** EE shall have total 25 marks and 60 minutes duration for each credit of each course. For successful completion, minimum specified marks shall be essential. Batch size for EE shall be 20 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 examiner shall have 40% weightage and shall assess on the basis of term-work and viva. External examiner shall have 60% weightage and shall assess on the basis of presentation, term-work, and viva.
3. **Practical Type of Courses:** EE shall have total 25 marks and 60 minutes duration for each credit of each course. For successful completion, minimum 40% marks shall be essential. Batch size for EE shall be 20 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 based on following criteria:



- a. **Presentation** (only for T34 and T35 programmes): 10 marks for 4 CR course
  - b. **DSA: Diagram and Synoptic Answer** (only for T34 and T35 programmes): 20 marks for 4 CR course
  - c. **Conduct of One Randomly Selected Practical Activity:** 10 marks for 2 CR course or 20 marks for 4 CR course
  - d. **Viva-Voice:** 20 marks for T34 and T35, 30 marks for T80, T82 and 15 marks for T33 and V23
  - e. **Journal (Work-Book):** 10 marks for 4 CR course, 5 marks for 2 CR course
  - f. **Report of Practical Activity** (for all other programmes except T34 and T35): 20 marks for 4 CR course, 10 marks for 2 CR course
  - g. **GOC: Graph, Observations and Conclusions.** 20 marks for 4 CR course, 10 marks for 2 CR course
4. **Project Work Type of Courses:** EE shall have total 25 marks and 60 minutes duration for each credit point block of each course. For successful completion, minimum 40% marks shall be essential. Batch size for EE shall be 10 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 based on following criteria:
- a. **Project Report:** 30 marks for 4 CR course
  - b. **Presentation:** 35 marks for 4 CR course
  - c. **Viva-Voce:** 35 marks for 4 CR course

## END EXAM FORM, FEE AND HALL TICKET

Only during the specified time slot, each student must apply for the end examination in the prescribed format along with the payment for the specified “Online Exam Fee (EF)”. The prescribed format for the application for the end examination is ‘Admission Form’ for first compulsory attempt.

- First available end exam attempt after admission shall be compulsory for all students and thus, submission of the separate ‘Exam Form’ shall not be required. UF includes EF for the first compulsory end exam attempt.

The prescribed format for the application for the end examination is “Online Exam Form” for further attempts by the repeater student for (1) clearing backlog subjects or (2) for performance improvement. Student is allowed to appear for end examination only for those courses where the university admits him/her and

registration period is valid. After receipt of “Online Exam Form,” university shall confirm the

1. Respective student’s admission and validity of the registration period for all those courses for which he/she has applied and
2. The receipt of specified Online Exam Fee of ₹ 500 is payable to university along with the ‘Online Exam Form’, for **each** repeat **regular** end exam attempt.

Only after such confirmation, “End Exam Hall Ticket” shall be provided to students. Only when student meets minimum attendance criteria, “Study Center Head” and / or “Programme Coordinator” is expected to sign with the seal of the study center on “End Exam Hall Ticket” of each student. Students are allowed to appear for end exam only with such authenticated “End Exam Hall Ticket (EHT)” and any one Photo Identity issued by government authorities (like PAN Card, Driving License, Election Card, Passport) for the student.

### **PERFORMANCE IMPROVEMENT**

Only during the valid registration period, students are allowed to improve end exam performance by reappearing in the end examination for any 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.

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## CONTACT US

### WHOM TO CONTACT

Whom to Contact details are given in YCMOU Common Prospectus 2018-19.

### REGIONAL CENTERS

Regional Centers Contact details are given in YCMOU Common Prospectus 2018-19.

### STUDY CENTERS

Study center for the specific programme can be located by referring 'PC' in the 3rd column.

- **PCC:** Programme Code. **“Programme code” in bold red color indicates the “Withdrawn Programme” where fresh admissions are not offered. Only further admissions shall be offered for these “Withdrawn Programmes”.**
- **SIT:** Student Intake sanctioned to the study center
- **Code:** Study Centre Code given by the University for correspondence with the study center
- **PC:** Programme Coordinator at the study center
- **SCH:** Head of the Study Centre

#### Statistical Information about Study Centers:

Discipline → Region ↓	Skill	Science	Design	Architecture	Technology	Total
01. Amravati	00	21	00	00	00	21
02. Aurangabad	00	25	01	01	04	31
03. Kolhapur	00	06	00	02	05	13
04. Mumbai	00	06	00	05	05	16
05. Nagpur	00	14	00	00	05	19
06. Nanded	00	07	00	01	01	9
07. Nashik	00	02	01	02	04	9
08. Pune	00	08	01	02	10	21
<b>Total</b>	<b>00</b>	<b>89</b>	<b>03</b>	<b>13</b>	<b>34</b>	<b>139</b>

## SKILL

Name and contact details of organization shall be updated here as and when MoU is signed and “Study Center Recognition” process is complete.

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
01. Amaravati Region: For Amravati, Akola, Buldhana, Yavatmal, Washim Districts							
	No Study Centers					PC	
						SCH	
02. Aurangabad Region: For Aurangabad, Beed, Jalna, Districts							
	No Study Centers					PC	
						SCH	
03. Kolhapur Region: For Kolhapur Ratnagiri, Sangli Districts							
	No Study Centers					PC	
						SCH	
04. Mumbai Region: For Mumbai, Navi Mumbai Districts							
	No Study Centers					PC	
						SCH	
05. Nagpur Region: For Nagpur, Chandrapur, Bhandara, Wardha, Gadchiroli, Gondia Districts							
	No Study Centers					PC	
						SCH	
06. Nanded Region: For Nanded, Latur, Parbhani, Hingoli Districts							
	No Study Centers					PC	
						SCH	
07. Nashik and Outside Maharashtra Region: For Nashik, Ahmednagar, Jalgaon, Dhule, Nandurbar Districts and outside Maharashtra Area							
	No Study Centers					PC	
						SCH	
08. Pune Region: For Pune, Satara, Districts							
	No Study Centers					PC	
						SCH	

## SCIENCE

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
<b>01. Amaravati Region For Amravati, Akola, Buldhana, Yavatmal, Washim Districts</b>							
01	Shri. Shivaji College of Arts, Commerce & Science, Akola, Near Shivaji Park, Deshmukh Peth, Dist. Akola – 444 001 Ph: 0724-2410438 Fax: 0724-2410438	V57	00	1105A	Jun 18	PC	Prof. V.H. Hiware 9960288945 vivek.hiware11@gmail.com
						SCH	Dr. R.M. Bhise Mob: 9970151348 Email: principal@shivajiakola.ac.in
02	Lt. Anil Ramdas Kambe D.T.Ed. & B.Ed. College, A/P Sirso, Tal. Murtizapur, Dist. Akola – 444 107 Ph(W): 07256-242144 Email: ycmousc1182a@gmail.com	V57	00	1182A	Jun 18	PC	Raju K. Bhoyar 9545507130 raju77bhoyar@gmail.com
						SCH	Raju K. Bhoyar 9545507130 raju77bhoyar@gmail.com
03	Brijlal Biyani Science College, Biyani Educational Campus, Dasera Maidan Road, Amravati – 444 605 Ph(W): 0721 – 2677011 Fax(W): 0721 – 2562086	V92	40	12163	Jun 19	PC	Dr. A. D. Rangari: 9423649958/7841060770 dranand.rangari@gmail.com
						SCH	Dr. N.G. Belsare 9422949550 ngbelsare@gmail.com
04	Vinayak Vidyamandir Arts, Commerce & Science College, New Express Highway, Near Chhatri Talav Garden, Dasturnagar Square, Amrawati – 444 601 9823165900 Ph(W): 0721-2020441, 2020442	V57	60	1279A	May 21	PC	Prof. Dhananjay Paturde 9326049249 technorama2014@gmail.com
		V92	60	1279A	May 21		
		V58	30	1279A	May 21		
		<b>SC Grade (V92):</b>		B		PC	Prof. Ravindra Khadse 9552803564 ycmousc1279a@gmail.com
		<b>SC Grade (V58):</b>		B			
		<b>SC Grade (V57):</b>		A			
				SCH	Prof. Ms. Sucheta Khodke 9821877245 / 9823165900 khodke.suchita@gmail.com		
					Prof. Dhananjay Paturde 9326049249 technorama2014@gmail.com		

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details		
05	Shri Shivaji Education Society's Shri. R.R. Lahoti Science College, Morshi Tal. Morshi, Dist. Amaravati – 444 905 07228-200551	V92	60	12207	May 21	PC	Prof. S.S. Hande 9421829776 ycmousc12207@gmail.com	
		V57	30	12207	May 21			
		V58		30	12207	May 21	SCH	Dr. Gopalrao Tadas 94422857029
		SC Grade (V92):		B				
SC Grade (V57):		B						
SC Grade (V58):		B						
06	Shri. Shivaji College of Agril. Biotechnology Shivajinagar, Amrawati – 444 603 Ph(W): 0721-2660093 Fax: 0721-2660093 Email: shivajibiotech@rediffmail.com	V92	40	12209	June 19	PC	Vrushali Oak 9970816164 okavrushali@gmail.com	
		SC Grade (V92):		B				
						SCH	Prof. G. K. Pusatkar 9823028595 pusatkar@rediffmail.com	
07	Matoshri Shantabai Gote Arts, Commerce & Science College, Hingoli Road, Near Water Tank, Washim – 444 505 Ph(W): 07252-235266 ycmousc1521a@gmail.com	V57	60	1521A	May 21	PC	Dr. V.N. Lande 9822319415	
		V92	60	1521A	May 21			
		SC Grade (V57):		B		SCH	Prof. V.B. Chandaskar 9764294888 vikaschandaskar@gmail.com	
		SC Grade (V92):		B				
				SCH	G. S. Kubade 9921544962 gskubade@gmail.com			
08	Appa Swami Mahavidyalaya, Shendurjana, Tal: Manora Dist: Washim 444 403 9881572718 ycmousc1539a@gmail.com bsk266@gmail.com	V92	60	1539A	May 21	PC		
		SC Grade (V92):		B		SCH	Dr. H.N. Tiwari 9527976441	
09	Swatantrya Sainik Shri Kanhaiyalalji Ramchandra Innani Mahavidyalaya, Karanja Lad, Dist.Washim-444 105 Ph(W) : 07256-222148 Email – ssskrimv@gmail.com	V57	60	1548A	May 21	PC	Shri. Raosaheb Deosing Shekhavat 0721-25550141	
		SC Grade (V57):		A		SCH	Dr. P.R. Rajput 9325252121 prsrjput@rediffmail.com	
10	Dnyanopasak Shikshan Sanstha's M.S.P. Arts, Science & K.P.T. Commerce College, Mangrulpir Road, Manora, Dist. Washim – 444 404 Ph: 07253-263207 Email: mspkpt@rediffmail.com	V57	00	1550A	Jun 18	PC	Dr. N. S. Thakare 8975184724 mspkpt@rediffmail.com	
						SCH	Dr. N. S. Thakare 8975184724 mspkpt@rediffmail.com	

<b>SN</b>	<b>SC Contact Information</b>	<b>PCC</b>	<b>SIT</b>	<b>Code</b>	<b>Apvl Till</b>	<b>SC Staff Contact Details</b>	
11	Kaniphnath Science College, Kherda-Karanja, Washim-444105 <b>Office:</b> Ph:07256-225543 Email:ycmousc1551a@gmail.com	<b>V57</b>	60	1551A	May 21	PC	Mrs. Ujjwala Bhende
		<b>V58</b>	60	1551A	May 21	SCH	Dipak N. Khade 7709966369
		<b>SC Grade (V57):</b>		B			
		<b>SC Grade (V58):</b>		B			
12	Shri Vyankatesh Arts College Deulgaon Raja Tal: Deul Gaon Raja Dist. Buldhana 443 204 07261- 232040	<b>V57</b>	30	1372A	May 21	PC	9049692021
		<b>SC Grade (V57):</b>		B		SCH	Dr. G.B. Jadhav 9422724790
13	College of Management, Waman Nagar, Near Doordarshan Kendra, Khamgaon, Dist. Buldhana – 444 303 Ph: 07263-256566 Fax: Ycmousc1392a@gmail.com	<b>V57</b>	60	1392A	May 21	PC	Prof. Meghana C. Khatri 9423739549
		<b>V92</b>	40	1392A	Jun 19	SCH	Sau. Rajkumari T. Chavan 9423445566
		<b>SC Grade (V57):</b>		B			Prof. V.V. Dabare 9011493771
14	Adarsh Bahuuddeshiya Shikshan Prasarak Mandal Sultanpur's Dr. R.N. Lahoti B.Ed. College, Sultanpur, Tal. Lonar Dist. Buldhana 443302 07260-272571	<b>V92</b>	60	13105	May 21	PC	Shri. Satish N. Davhle 9604018445 ycmousc13105@gama il.com
		<b>SC Grade (V92):</b>		B		SCH	Shri .Rajesh Eknath Wathore 9850352436
15	Shri Shivaji Science & Arts College, Shivajinagar, Khamgaon Road, Chikhali, Dist. Buldhana – 443 201 Ph(W): 07264-242089 Fax: 07264-242088 Email: Ycmousc13111@gmail.com	<b>V57</b>	60	13111	May 21	PC	D. M. Kanadje 8275231874 prof.d.m.kanadje@g mail.com
		<b>SC Grade (V57):</b>		A		SCH	Dr. A.M. Garode 9850363280 anilgarode@gmail.co m
							Dr. N.B. Bhusari 9421463410 shivajichk@rediffmai l.com
16	Shri Shivaji Arts, Commerce and Science College, Motala, Buldhana-444303 <b>Office:</b> Ph:07267-245324 Email:ssacsnotala@gmail.com	<b>V57</b>	20	13148	June 19	PC	Gajanan Supdaji Virkar 9922692378 virkargajanan@gmail. com
						SC H	Dr.H.G. Patil 9423446958 drhgpatil@gmail.com

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
17	G. S. Gawande College Dhanki Road, Umarchhed, Dist. Yawatmal – 445 206 Ph(W): 07231-237126 Fax: 07231-237025 ycmouisc1451a@gmail.com	V57	60	1451A	May 21	PC	Prof. B.U. Labhshetwar 9421294186 ycmouisc1451a@gama il.com
		V92	60	1451A	May 21		
		SC Grade (V92):		B			
		SC Grade (V57):		B			
18	Shikshan Prasarak Mandal's Lokmanya Tilak College Post. Vani, Tal: Vani Dist. Yawatmal 445 304 Ph. 07239- 225166	V92	60	1405A	May 21	PC	Dr. Gajanan Aghalte 9922547802, 9422166025 ycmouisc1405a@gmai l.com
		V57	30	1405A	May 21		
		SC Grade (V92):		A			
		SC Grade (V57):		A			
19	B.B.Arts, N.B.Commerce & B.P.Science College, A/P Digras, Dist. Yawatmal – 445 203 Ph: 07234-222022 Email: ycmouisc1407a@gmail.com	V92	60	1407A	May 21	PC	M.N. Bhagat 9422182582 mnbhagat18@rediffm ail.com
		V57	60	1407A	May 21		
		SC Grade (V92):		B			
		SC Grade (V57):		B			
20	Vidya Prasarak Mandal's Mungsaji Maharaj Mahavidyalay, Darwha, Dist. Yawatmal – 445 202 Ph(W): 07238-254245 Ycmouisc14107@gmail.com	V57	00	14107	Jun 18	PC	Dr. Arvind R. Ladole 9421854324 ladole.arvind@yahoo .com
		V92	60	14107	May 21		
		SC Grade (V92):		A			
		Further admissions for V57 only at this SC					
21	District Institute of Education & Training (DIET), Maltekadi Road, Tope Nagar, Amaravati-444602  Office Ph: 0721-266320 Email: dietamravati@gmail.com	V92	60	12214	May 21	PC	Premala Kharatmol 8483804084 premalask@gmail.com
		SC Grade (V92):		B			
		SCH	Dr. Ravindra N. Anbekar 8698957030 ycmouisc12214@gmail.co m				



SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details		
<b>02. Aurangabad Region: Aurangabad, Beed, Jalna, Districts</b>								
01	Vasantrao Naik Mahavidyalay, Jalna Road, CIDCO, Aurangabad – 431 003 Ph(W):0240-2482625	V57	00	2105A	Jun 18	PC	Dr. Milind Ubale 9422201217 vnmycmou@gmail.com	
		Further admissions only at this SC					SCH	Dr. Rajaram Rathod
		V57	00	2180A	Jun 18	PC	Yogesh G. Somawanshi 9975662891 Somvanshiy99@gmail.com	
02	Shivaji Arts Commerce & Science College, Tal.- Kannad, Dist. Aurangabad – 431 103 Ph(W)/ Fax(W): 02435-220597 shivajicollegeknd@yahoo.com	V92	40	2180A	Jun 19	SCH	Dr. V.N. Bhosale 9423151605	
		Further admissions for V57 only at this SC					PC	Dr. M.D. Nikam 8484061679
		V57	40	2143A	Jun 19	PC-V92	Dr. Gavane V.S. 90280044098 gavane.sv@gmail.com	
03	Pratishthan Mahavidyalaya Tal: Paithan Near Mahanubhav Dattya Mandir Post. Paithan Dist. Aurangabad – 431 107 Ph(W): 02431-223071 Ycmoump2143a@gmail.com	V92	40	2143A	Jun 19	PC-V57	Dr. Shastri S.T. 9822531577 principalpmp@hotmail.com	
		V57	60	2143A	May21	SCH	Dr. M.D. Nikam 8484061679	
		<b>SC Grade (V57):</b>		C				
04	J. K . Jadhav Arts, Science & Commerce College, Fulewadi Road, Vaijapur, Dist. Aurangabad-423 701 Ph(W): 02436-222473 Pawarambadas68@gmail.com	V58	20	21189	Jun 19	PC	Prof. Bhingardeo V.P 8888171401 vishnu.bhingardeo@rediffmail.com	
		V92	40	21189	Jun 19	SCH	Kotkar Sunil Keshavrao 9860786075 sunilkotkar49@rediffmail.com	
		V57	00	21189	NA			
		<b>SC Grade (V57):</b>		NA		Further admissions only to V57 at this SC		
05	Ajintha Education & Military Institute's, Indraraj Arts, Commerce & Science College Kohinoor Complex, Bhokardan road, Sillod, Dist.Aurangabad-431 112 Ph(W): 02430-223200 Indraraj_cs@rediffmail.com	V92	40	21215	Jun 19	PC	Shri. J.J. Patil 9049178574 Jjrajput.777@gmail.com	
		V57	00	21215	NA	SCH	Dr. V.V. Lamb 9422213323 ycmou21215.777@gmail.com	
		<b>SC Grade (V57):</b>		NA				Further admissions only to V57 at this SC
06	Rajashree Shahu Arts, Commerce and Science College, Pathri, Tal:Phulanbri, Dist: Aurangabad <b>Office:</b> Ph:0240-2632386 Email:rajrshishahu@gmail.com	V57	20	21220	June 19	PC	Prof. Dhanedhar Kiran Karbhari 9423153881 Kirandhanedhar@rediffmail.com	
							SCH	Dr. Shahikant Tukaram Bandewar 9404062356

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details		
07	Jivan Vikas Mahavidyalaya, Shivoor, Tal: Vaijapur Dist: Aurangabad 431116 Ph:02436-284128 Email:Jivanvikas2003@radiffm ail.com	V57	20	21221	June 19	PC	Pramod Babasaheb Dukare 9595599549 pramoddukare49@ gmail.com	
		V58	20	21221	June 19			
		V92	40	21221	June 19	SCH	Prin. Dr. V.S. Bawane 9552899974 bawanevs@gmail. com	
08	Rajkunwar College Fardapur Tal:Soygaoon Dist:Aurangabad-431118 <b>Office:</b> Ph:02438-244050 Email:rajkunwarcollegefardapur @gmail.com	V57	20	21222	June 19	PC	Rameshwar Satywan Avhad 9423548009 rajkunwarcollege fardapur@gmail.com	
						SCH	Ambarsing Jaysing Bedwal 9423548009 Rajkunwarcollege fardapur@gmail.com	
09	Aditya College of Agril. Biotechnology, Near Nalwandi naka, Pimpalner Road, Beed -431 122 Ph (W): 02442- 204021	V92	40	22102	Jun 19	PC	N. J. Gaikwad 9923118143 navnathgaikwad95@ gmail.com	
						SCH	Prof. S. S. Pawar 9890796080 sanketpawar59@gma il.com	
10	Moreshwar College of Arts, Commerce and Science Ganga Mhasala Tal. Majalgaon Dist: Beed 431 131 9673044025 solankebp@gmail.com	V57	00	22122	NA	PC	Prof. Salwe R.N. 9922334283 ramsawle100@gmail. com	
		V92	00	22122	NA			
		SC Grade (V57):		NA			SCH	Dr. Solanke B.P. 9673044025 solankebp@gmail.co m
		Only further admissions to V57 and V92 at this SC						
11	S.S.P.M.'s Bhagwan Mahavidyalay (Arts, Commerce & Science) Gangainagar, Ashti, Dist. Beed - 414 203 Ph(W): 02441-282584 9404640994 ycmoubhagwanashti@gmail.co m	V57	00	22124	NA	PC	Dnyandeo B. Vaidya 9423716859 dnyandeovaidya@gm ail.com	
		V92	60	22124	May21			
		SC Grade (V57):		NA			SCH	Dr. D.S. Pawar 9423171564 dr.pawards@gmail.co m
		SC Grade (V92):		B				
		Further admissions for V57 only at this SC						

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
12	Majalgaon Arts, Commerce and Science College Majalgaon-431131 Dist: Beed <b>Office:</b> Ph:02443-234037 Email:majalgaon_college123@yahoo.in	V58	20	2235A	June 19	PC	Shri. Mule N.K 9420792161 amolrakha@rediffmail.com
						SCH	Dr. S. S. Solanke 9422742964 YCMOU2235amajalgaon@gmail.com
13	Jijau Art's, Commerce & Science College Warud, Tal. Jafrabad, Dist. Jalna – 431 206 Ph(W): 02485-221022 Jijaucollegew544@gmail.com	V57	00	2370A	NA	PC	Prof. G.S. Landege 9403649452 <b>Gslandege52@gmail.com</b>
						<b>SC Grade (V57):</b> NA	
Further admissions for V57 only							
14	Shivraj College, Partur, Tal: Partur Dist: Jalna <b>Office:</b> Ph:02484-220545 Email: shivrajcollege786@gmail.com	V57	20	2373A	June 19	PC	Arjunsing Ramesh sing Rajput 8888819011 shivrajcollege786@gmail.com
						SCH	Charansing Shivsing Rajput 9595787511 charan.raajput.mca@gmail.com
15	Rajkunwar College Jalna-431203 <b>Office:</b> Ph:02482-239097 Email:rajkunwacollege@gmail.com	V57	20	2374A	June 19	PC	Amit Sardarsing Rajput 9422215307 rajkunwacollege@gmail.com
						SCH	Rupakour Preamsing Rajput 9422215307 rajkunwacollege@gmail.com
16	Adarsh Arts,Commerce and Science College Dhadva, Tal: Bhokardan Dist: Jalna <b>Office:</b> Ph:0248522-43301 bodakhesantoshkumar@gmail.com	V92	40	2376A	June 19	PC	Prof. Laxman Shinkar 9890534927 narendrafuse@gmail.com
						SCH	Dr. B.W. Sawarkar 9890534927 narendrafuse@gmail.com

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
17	Rajarshi Shahu College, Paradh, Tal. Bhokardan, Dist. Jalna – 431 114 9421654824 / 9421654821 Email: rscparadh@rediffmail.com	V92	40	2342A	Jun 19	PC	Dhanraj J. Bhosale 9881869989 / 8698584843 Email: djbhosale1982@gmail.com
		V57	00	2342A	NA		
		Further Admissions to V57 only at this SC				SCH	Rajaram R. Doifode Mob: 9421654824 / 9421203219 Email: rrdoifode@gmail.com
18	Lt. Adv. S. D. Deshmukh College, MHADA Road, Bhokardan, Dist. Jalna – 431 114 Ph(W): 02485-240066	V57	00	2353A	NA	PC	Prof. R.T. Pable 8007242963 / 9503495859 rameshwarpable@gmail.com
		SC Grade (V57):		D			
		Further admissions only at this SC				SCH	Dr. D.S. Folane 9421646660 / 9420742225 principal.sddeshmukh@gmail.com
19	Rajkunwar College Dhawda Tal:Bhorkardan Dist:Jalna-431132 <b>Office:</b> Ph:02485-243551 Email:rajkunwacollegedhawda@gmail.com	V57	20	2357A	June 19	PC	Prof. S.Y. Borade 9890930299 Boradesunil99@gmail.com
						SCH	Karansingh Udaysingh Chungade 9960965196 rajkunwacollege dhawda@gmail.com
20	Jijau Arts, Commerce & Science College Tembhurni, Tal. Jafrabad, Dist. Jalna – 431 208 Ph(W): 02485-226112 Jijaucollegetembhurni777@gmail.com	V57	40	2348A	May21	PC	S.N. Pimple 9158013985 <b>bmmore91@gmail.com</b>
		SC Grade (V57):		C		SCH	S.N. Patil 9604049777 panjablahane1@gmail.com
21	Ramkrishna Paramhansa Mahavidyalaya, Tambri Vibhag, Osmanabad – 413 501 Ph(W)/ Fax (W): 02472- 222231 9767388194 v.baravkar@gmail.com	V57	30	2602A	May21	PC	Prof. D.M. Shinde 9422377740 Dmshinde30@rediffmail.com
		V92	60	2602A	May 21		
		SC Grade (V57):		B		SCH	Dr. Yuvraj A. Bhosale 9922606103 osdrpcollege1@yahoo.com
		SC Grade (V92):		B			

SN	SC Contact Information	PCC/SIT Code				Apvl Till	SC Staff Contact Details	
		PCC	SIT	Code	Apvl Till			
22	Shikshan Maharshi Dnyandeo Mohekar College Datta Nagar, Kalamb, Dist. Osmanabad 413 507 02473-262142 ycmou2628a@gmail.com	V57	00	2628A	NA	PC	Dr. K.D. Jadhav 9960670144 Jadhavkd1@rediff Mail.com	
		SC Grade (V57): NA						SCH
23	Shrikrishna Mahavidyalay, A/P Gunjoti, Baherpeth Tal. Umarga, Dist. Osmanabad-431 204 Office: 02475 - 250091 Skmgycm2006@gmail.com	V57	30	2635A	May 21	PC	Mr. I.S. Inamdar 9421486384 skmgycm2006@gmai l.com	
		SC Grade (V57): C						SCH
24	Shankarrao Jawale Patil College Tal: Lohara Dist: Osmanabad - 413 608 Ph: 02475 - 266246 Sjpm_lohara@rediffmail.com	V92	60	26551	May 21	PC	Dr. B.S. Rajole 9421449832 rajoleb@gmail.com	
		SC Grade (V92): C						SCH
25	Kohinoor Arts, Commerce and Science College Tal: Khulatabad Dist. Aurangabad 431 101 Ph: 02437 - 241782	V92	60	21234	May 21	PC	Dr. Sayed Zakir Ali 7020902434 kckadm@gmail.com	
		SC Grade (V92): B						SCH
<b>04. Kolhapur Region: For Kolhapur Ratnagiri, Sangli Districts</b>								
01	Smt. Kasturbai Walchand College, Wood house Road, Rajneemi Campus, Sangli 416416 Ph(W): 91-233- 2327127/2372102 Email: kwcbiotech@yahoo.com	V92	40	72111	Jun 19	PC	Dr. B.A. Sajane 9403852604 basajane@yahoo.co.i n	
		V57	00	72111	NA			SCH
02	Nav Maharashtra High School and Jr. College, S.No.-313, Laxminagar, Kupwad Road, Sangli - 416 415 Ph: 0233-2312833 Email: nmahjcls833@gmail.com	V57	00	72143	NA	PC	Dr. Rajaram S. Gadage 9420359160 gadagers@gmail	
		Only further admissions at this SC						SCH

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
						PC	SCH
03	Balwant College, A/P Vita, Tal. Khanapur, Dist. Sangli – 415 311 Ph(W): 02347-272096 Fax: 02347-272096 Email: balwantcollege7207@yahoo.com	V57	00	72161	NA	PC	Nitin M. Jagtap 9960116350 nmjmath@yahoo.com
		Only further admissions at this SC					SCH
04	Vivekanand College, 2130, "E" Tarabai Park, Kolhapur – 416 003  Email: info@vivekanandcollege.org	V58	120	71122	May 21	PC	Prof. Dr. Kiran P. Shinde Mob: 9881814835 Kiran.shinde077@gmail.com
		V92	60	71122	May 21		
		SC Grade (V58):		A		SCH	Dr. S. Y. Hongekar Mob: 9421113453
		SC Grade (V60):		A			
V34	00	71122	NA				
05	District Institute of Education & Training (DIET), B.T. College Campus, Shahupuri, 3 <sup>rd</sup> Lane, Kolhapur – 416 001  Office Ph: 0231-2531831, 2531959 Email: dietkop@gmail.com	V92	00	71269	NA	PC	Dr. Vilas Patil 9850208080 dietkop@gmail.com
		Only further Admissions at this SC					SCH
06	Rajarambapu College of Suger Technology, Islampur Bahe Road, Islampur Tal: Walwa Dist: Sangli Ph – 02342-222961, 222861 principal@sugartechnology.in	V92	60	72176	May 21	PC	Ms. N.M. Patil 7767829712 patilnilam2292@gmail.com
		SC Grade (V92):		B		SCH	Dr. S.P. Govindwar 9822840094 spgovindwar@rediffmail.com
<b>05. Mumbai Region: For Mumbai, Navi Mumbai Districts</b>							
01	DS Actuarial Education Services (DS ActEd), Nanavati School Campus, Vallabhbbhai Road, Vile Parle (W), Mumbai 400056, INDIA Tel: 91-22-26156264 Email: rajendra.shah@dsacted.com Website: www.dsacted.com	V96	60	31256	June 19	PC	Purnima Shah: 09324116538
		V46	30	31256	May21	SCH	Rajendra Shah: 09820134104
		SC Grade (V46):		A			
		V45	00	31256	NA	Only further Admissions to V45 at this SC	
02	Bhavan's College Munshi Nagar, Andheri(W) Mumbai Ph(W): 022-26256451/52	T83	00	31227	NA	PC	Mrs. Lata Dolke 9820283251
		Only Further Admissions at this SC					SCH

SN	SC Contact Information	PCC/SIT Code				Apvl Till	SC Staff Contact Details	
		PCC	SIT	Code	Apvl Till			
03	Mumbai College of Arts, Commerce & Science, J.K. Jadhav Knowledge Center, Nadkarni Park, Near B.P.T.Hospital, Wadala(E), Mumbai – 400 037 Ph(W): 022-24162168 Email: mcacs037@gmail.com	V57	00	31393	NA	Only Further Admissions at this SC	PC	Shri. Prasad Randive 8898404752 / 7045833216 randiveprasad8898@gmail.com
							SCH	J. K. Jadhav 9870028234 jkjadhav_kc@rediffmail.com
04	Indian Institute of Industrial Engineering, Plot No. 103, Sector – 15, CBD Belapur, Navi Mumbai 400614 Ph (W): 022- 25763837, 25762562 Fax (W): 022-27578526	V47	00	31421	NA	Only Further Admissions at this SC	PC	Shri. R K Shirgaonkar: 9321779372
							SCH	Cdr. B M Bhandarkar: 9769332305
05	N. R. Bhagat College of Arts, Commerce & Science, Plot No. 7A/B, Sector-12, Opp.Poonam Tower, Nerul, Navi Mumbai – 400 706 Ph: 022-27712510 Email: nrbhagatscollege@gmail.com	V57	00	31477	NA	Only Further Admissions at this SC	PC	Umesh Vaiti 9892917113
							SCH	Seema A. Chinchkar 9619209510 professorseema1979@gmail.com
06	JSSP's Arts, Commerce & Science College, At. Govele, PO. Rayate, Tal. Kalyan, Dist. Thane – 421 103 Ph(W): 0251-2390922 Fax: 0251-2390928 Jssp_govele@rediffmail.com Kbkore55@gmail.com	V57	30	35315	May 21	Only Further Admissions at this SC	PC	Shri. Pravin Kadam 9158518832 Pravin_kadam32@rediffmail.com
		SC Grade (V57)		A			SCH	Shri. Kore K.B 9321941725 Kbkore55@gmail.com
<b>06. Nagpur Region: For Nagpur, Chandrapur, Bhandara, Wardha, Gadchiroli, Gondia Districts</b>								
01	Yashwantrao Chavan Mahavidyalay, Lakhandur, Dist. Bhandara – 441 803 Ph (W): 07181-260112, 260312	V57	00	4142A	May 21	Only Further Admissions to V57 at this SC	PC	Prof. Prashant Ganvir 9420418330 prashant.ganvir12@gmail.com
		V92	120	4142A	May 21		SCH	P. M. Thakare 9423384636 prashant.ganvir12@gmail.com
		SC Grade (V92) :		B				

SN	SC Contact Information	PCC/SIT Code				Apvl Till	SC Staff Contact Details	
		PCC	SIT	Code	Apvl Till			
02	Shri. Kisanrao Khobragde College, Vairagad Tal. Aromori Dist. Gadchiroli 441 803 Skkck030@gmail.com	V57	30	4332A	May 21	PC	Prof. D.N. Janbandhdu 9420845675 Skkck030@gmail.com	
		V92	60	4332A	May 21			
		SC Grade (V92) :						B
		SC Grade (V57) :						B
03	Late. Sitabai Shende Mahila Mahavidyalaya Post. Sindewadi Dist. Chandrapur 441 222 Email: sgmcet@gmail.com	V57	30	42113	May 21	PC	Prof. Chandu Ghandate 9421725803 sgmcet@gmail.com	
		V92	60	42113	May 21			
		SC Grade (V92) :						B
		SC Grade (V57) :						B
04	Dharampeth M.P. Dev College near Ambazari Lake, North Ambazari Road, Nagpur – 440033 narale2012@gmail.com	V57	60	44366	May 21	PC	Prof. Snehal Narale 9890336739 narale2012@gmail.com	
		V92	120	44366	May 21			
		SC Grade (V92) :						A
		SC Grade (V57) :						A
05	Mahila Mahavidyalaya, 152 New Nandanvan, Ganesh Nagar Nagpur 440009 anindodewar@gmail.com	V92	120	44182	May 21	PC	Prof. Anil Dodewar 9049800714 anindodewar@gmail.com	
		SC Grade (V92) :						B
		SCH	Dr. Mrunalini Fadanvis 9423685881 anindodewar@gmail.com					
06	Swami Ramanand Tirth Arts, Science College Masal, Tal:Lakhandur Dist: Bhandara 441 803 Office: Ph:07181-266407	V57	20	4161A	June 19	PC	Sandip P. Motghare 9168796973 sandip_motghare@rediffmail.com	
		V92	40	4161A	June 19			
		SCH	Shri Kevalram S. Meshram 7588880667 srtascmasa@rediffmail.com					



SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details			
07	Smt. Shobhatai Bansod Arts, Commerce & Science College, Khed (Makta), Tal. Bramhapuri, Dist. Chandrapur – 441 206 Ph (W): 07177-273131 ycmoubramhapuri@gmail.com	V57	00	42108	May 21	PC	Shri. Devaji. Baburao Sondarkar 9158742537 Nbansod6@gmail.com		
		V92	40	42108	Jun 19				
		Only Further Admissions at this SC				SCH	Ku.Dhara Shrihari Panchbhai 9503423009 ycmoubramhapuri@gmail.com		
08	Gangabai Talmale Arts, Commerce and Science College Bramhapuri Dist: Chandrapur-441206 <b>Office:</b> Ph:07177-271136 Email:gtalmalecollege@gmail.com	V57	20	42112	June 19	PC	Shubhash Sadashiv Meshram 9595042047 subhashmeshram14@gmail.com		
						SCH	Shubhash Sadashiv Meshram 9595042047 subhashmeshram14@gmail.com		
09	R.S Bidkar Arts, Commerce and Science College HInganghat Dist:Wardha <b>Office:</b> Ph:07153-244083 Email:rsbidkarcollege.377@rediffmail.co.in	V92	40	4504A	June 19	PC	Dr. Kamalkishor B. Ingole 8551880746 sarika.kishor@gmail.com		
						SCH	Dr.Bhaskar Govindrao Ambatkar 9850309395 bhaskarambatkar@gmail.com		
10	Shivprasad Sadanand Jayswal Arts & Commerce College Post. Arjuni, Morgaon Dist: Gondia 441 702 ycmoussj@gmail.com	V57	60	4604A	May 21	PC	Dr. Rajesh Chadak 9423689343 ycmoussj@gmail.com		
		V92	120	4604A	May 21				
						SC Grade (V57) :	B	SCH	Dr. Sanjiv D. Patankar 9890201620 ycmoussj@gmail.com
						SC Grade (V92) :	B		
11	Dr. Ambedkar College of Social Work, Mahatma Fule Colony, Sawangi (Meghe Deoli) Road, Wardha – 442 001 Ph(W): 07152-250003 Princi.dracsww@gmail.com	V57	00	4577A	May 21	PC	Prof. Pradip Deshmukh 9604199440		
		V92	60	4577A	May 21				
						SC Grade (V92) :	A	SCH	Dr. Milind Sawai 9423421457 princi.dracsww@gmail.com
		Only further admissions to V57 at this SC							

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
12	Mahatma Gandhi Arts, Science & Late N.P. Commerce College Aromori Dist: Gadchiroli-441208 <b>Office:</b> Ph:07137-266558 mgcollege.armori@gmail.com	V57	20	4316A	June 19	PC	Dr. Chandrakant P. Dorlikar 9423422989 Chandrakant.dorlikar@gmail.com
						SCH	Dr. Lal Singh Harbansingh Khalsa 9422153197 lalsinghkhalsa@yahoo.com
13	Dr. C.V. Raman Science College Sironcha Tal:Sironcha Dist: Gadchiroli <b>Office:</b> Ph:07131-233201	V57	20	4330A	June 19	PC	Shri. M. S. Kalode 9421735129 mskalode@gmail.com
						SCH	Shri. S. H. Shende 9405323986 sandipst@gmail.com
14	District Institute of Education & Training (DIET), Ravi Nagar, Nagpur – 440 001	V92	00	44358	NA	PC	Rajkumar P. Avsare 9325844524 rajkumaravsare@yahoo.com
						SCH	Janardhan K. Waghmare 9850108230 dietnagpur97@gmail.com
<b>07. NandedRegion: For Nanded, Latur, Parbhani, Hingoli Districts</b>							
01	Rajarshi Shahu Mahavidyalay, Chandranagar, Near Bus Stand, Latur – 413 512 Ph(W): 02382-253645, 245380 principal@shahucollegelatur.org.in	V57	60	8401A	May 21	PC	Dr. Bharat B. Deshmukh 9096162491 bbdeshmukh2012@gmail.com
		V92	60	8401A	May 21		
		<b>SC Grade (V57)</b>		A		SCH	Dr. S.D. Salunke 9011843285 principal@shahucollegelatur.org.in
		<b>SC Grade(V92)</b>		A			
02	Lt. Laxmanraoji Information Technology & Management Collgeg, Maniknagar, Nanded – 431 601 Ph(W): 02462-261391	V57	00	85215	NA	PC	Dr. V. M. Gurav 9890569492 suryakarus@gmail.com
						SCH	Sanjay Gaikwad 9923049996 sanjaygaikwad660@gmail.com

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
						SC Grade (V57):	
03	Digambarrao Bindu College, Tamsa Road, Bhokar Dist. Nanded – 431 801 Ph(W): 02467-222892 Fax: 02467-222892 bb.college@rediffmail.com	V57	60	8576A	May 21	PC	Prof. Ghoge Radhakishan A. 9420847469 Radhakishanghoge@gmail.com
		SC Grade (V57):		B			
04	Sant Janabai Mahavidyalaya Tal: Gangakhed Dist: Parbhani 02453-222048	V92	120	8711A	May 21	PC	Dr. C.B. Satpute 9763770099 Study8711a@gmail.com
		SC Grade (V92):		A			
05	Vasantravji Kale MahavidyalayJayakwadi Vasaht Manavt, Dist:Parbhani-431505 <b>Office:</b> Ph:02451240201	V57	20	87120	June 19	PC	Shinde Mahadev Raosahb 8983787431 am_dalve@rediff mail.com
		V92	40	87120	June 19		
06	Bahirji Smarak Mahavidyalaya, Bahirji College Road, Tal: Basmath Dist. Hingoli – 431 512 Ph: 02454-220061, 221213 Email: kalam_ashok@rediffmail.com	V57	60	8833A	May 21	PC	Dr. Ashok .D. Kalam 9850401749 kalam_ashok@rediff mail.com
		SC Grade (V57):		A			
07	District Institute of Education & Training (DIET), Barshi Road, Datta Nagar, Murud, Latur – 413 510 02382-270273	V92	60	84129	May 21	PC	Mr. Poul G.V. 9130020438 paul.ghanasham@red iffmail.com
		SC Grade (V57):		B			
						SCH	Dr. B.M. Dhoot 9822937768 dhootbm@gmail.coc m
						SCH	Jadhav Anand Irba 9270502099 am_dalve@rediff mail.com
						SCH	Dr. Rajkumar N. Ingle 7798164932 ingleraju11@gmail.co m
						SCH	Mr. Choure BG. 9405843572 chourebgi23@rediff mail.com dietlatur@gmail.com

08. Nashik and Outside Maharashtra Region: For Nashik, Ahmednagar, Jalgaon, Dhule, Nandurbar Districts and outside Maharashtra Area

SN	SC Contact Information	PCC/SIT Code				Appl Till	SC Staff Contact Details	
		V92	60	53160	May 21		PC	
01	Haji Noor Mohammad Chacha Jr. College of Arts & Science Prapatnagar, Jilla Peth, Jalgaon – 425 001 Ph(W): 02596-2784717 Email: ycmou53160@gmail.com	V57	30	53160	May 21	PC	Dr. Shaikh Babu Shaikh Sayabij 9421520490 mr.babushaikh@gmail.com	
		SC Grade (V92) B						B
		SC Grade (V57) B						
						SCH	Shaikh Muqem Amin 9421523009	
02	Mahatma Phule Arts & Science College, Vidyut Sarita Colony, Dhule Road, Chalisgaon, Dist. Jalgaon – 424 101 Ph(W): 02589-227939	V57	00	53213	NA	PC	Smt. Prof. J.T. Chavan 9146673475 / 9270620048 ravi_agone0048@rediffmail.com	
		Further admissions only at this SC				SCH	Prof. N.B. Patil 9767481606 nashikrc53213@gmail.com	
01	Smt. Vimlaben Khimji Tejookaya Arts, Commerce and Science College Deolali, Nashik-422401 <b>Office:</b> Ph:02532473132 Email: svktcollege@yahoo.co.in	V57	20	54408	June 19	PC	Gamaji Laxman Deore 9423971625 gamajildeore@gmail.com	
						SCH	Dr. Jyotsna D. Sonkhaskar 9422256785 patkare@rediffmail.com	
02	G.M.D. Arts, B.W. Commerce and Science College Nashik – Pune Highway, Tal: Sinnar Nashik-422 103 <b>Office:</b> Ph:02551-220099 Email:sinnarcollege001@yahoo.com cbkcollege@gmail.com	V58	30	54433	May 21	PC	Smt. Bhamare Mukta Rajaram 9011453215 tanmali@rediffmail.com	
		V57	30	54433	May 21	V58:		
		SC Grade (V57): A				PC	Dnyaneshwar S. Sanap 9923915299 sanapdnyanu90258@gmail.com	
		SC Grade (V58): A				SCH	Dr. Jyotsna D. Sonkhaskar 9422256758 patkare@rediffmail.com	

09. Pune Region: For Pune, Satara, Districts

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
01	Sumen Ramesh Tulsiani Technical Campus Tal: Maval, Dist: Pune-410405 <b>Office:</b> Ph: 02114-264106 Email: principal@srttc.ac.in	V57	20	62501	June 19	PC	Dr. Mangesh Vishnu Mankar 9404552419 / 7420931102mankar.m srttc.ac.in
		V58	20	62501	June 19		
		V92	40	62501	June 19	SCH	Dr. H.G. Phakatkar
02	S. V Educational Foundation, Mohitewadi, Tal: Khed, Dist: Pune-410501 <b>Office:</b> Ph: 020-60606037	V92	40	62502	June 19	PC	Mrs. Neeta Navnath Waykar 8237015563 info@svinstitutes. Com
						SCH	Mrs. Neeta Waykar 8237015563 info@svinstitutes. Com
03	MAEER's Maharashtra Academy of Naval Education and Training (MANET), Gat No. 140, Loni-Kalbhori, Rajbaugh, Pune-Solapur Highway, Pune - 412 201 Ph (W): 020-26912901/2/3/25442770 Fax (W): 020-26912904 manet_office@mitpune.com	V26	120	63106	Jun 18	PC	Nilesh S. Kamthe 9970128685 Nilesh.kamthe@manetpune.edu.in
		<b>From 2016: Only further Admissions.</b>				SCH	Prof. S.S. Devgaonkar: 9860012911 principal@manetpune.com
04	Madansinh Mohite Patil Science Mahavidyalaya, Sangola Naka, By Pass Road, Tal: Mangalwedha, Dist. Solapur-413 305 Ph(W): 02188-221616 Fax: 02188-221616, 227552 Mmpsci2009@gmail.com	V57	30	65148	May 21	PC	Dr. Arifabegum C. Mulani 9890383185 rif_a12@yahoo.co.in
		V58	30	65148	May 21		
		<b>SC Grade (V57) : B</b>				SCH	Dr. Ramrao R. Patil 9850165816 Prof.r.r.pati@gmail.com
<b>SC Grade (V58) : B</b>							
05	C.B. Khedgi's Basaveshwar Science, Raja Vijasin Commerce & Raja Jaysinh Arts College Akkalkot Dist: Solapur 413 216 Ph. 02181-220227 cbkcollege@gmail.com	V57	60	6594A	May 21	PC	Dr. Deshmukh Appasaheb Murlappa 9403028251 deshmukhappasaheb@gmail.com
		V58	30	6594A	May 21		
		<b>SC Grade (V57): B</b>				SCH	Dr. Advait S.C. 9421023008 Dilipa53@gmail.com
<b>SC Grade (V58): A</b>							
06	Raja Shripatrao Bhagawantrao Mahavidyalaya Aundh Tal: Khatav Dist. Satara 415 510 Ph. 02161-262324 aundhcollege@gmail.com	V58	60	64112	May 21	PC	Shri. Dipak Ganesh Kalekar 9423803680 dggkalekar212@gmail.com
		<b>SC Grade: A</b>					

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
07	Tuljaram Chaturchand College Tandulwadi Road, Near Avdhoot Nagar, Dist. Baramati 413 102 Ph. 02112-222405 Rcpymou6207a@gmail.com	V57	60	6207A	May 21	PC	Dr. Sunil Kashinath Khamgal 8805438185 sunilkhamgal@gmail.com
		SC Grade:		A		SCH	Dr. Chandrashekhar Vasantrao Murumkar 9850640140 principal.tccollege@gmail.com
08	District Institute of Education & Training (DIET), Loni Kalbhor, Tal. Haveli, Pune- 412 201	V92	00	62490	NA	PC	Smt. R.T. Bhalerao 9422009025 dietpune@mahedu.gov.in
		Further admissions only at this SC				SCH	Dr. Kamaladevi Awate 9421304373 <b><u>principaldietlonik albhor@gmail.com</u></b> dietpune@mahedu.gov.in

## DESIGN

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details		
<b>02. Aurangabad Region: For Aurangabad, Beed, Jalna, Districts</b>								
01	Marathwada Institute of Technology, P.B. No. 327, Beed Bypass Road, Aurangabad – 431005 Ph (W): (0240) 2376815 / 2377284 Fax (W): 2376154 Email: <a href="mailto:mit@mitindia.net">mit@mitindia.net</a>	V28	40	2107A	Jun 17	PC-MAG	M. A. Patil: 9325213062	
<b>Fresh Admission Stopped from 2018 Only further Admissions to this Prog is permitted</b>						PC-V22	Sanjay Mhaske: 9422705878	
						SCH	Prof. Munish Sharma: 9422202202	
<b>07. Nashik and Outside Maharashtra Region: For Nashik, Ahmednagar, Jalgaon, Dhule, Nandurbar Districts and outside Maharashtra Area</b>								
01	Vidyavardhan's IDEA Institute of Design Environment & Architecture B-38, D-Road, NICE Area, MIDC, Satpur, Nashik 422 007 Ph (W) :-0253- 2351033/2350705 ideanashik@gmail.com	V28	40	54314	Jun 18	PC	Manju Bele: 9423969492 <a href="mailto:manjubele@gmail.com">manjubele@gmail.com</a>	
<b>Fresh Admission Stopped from 2018 Only further Admissions to this Prog is permitted</b>						PC	Dinesh Gategaonkar 9422245000	
						SCH	Vijay Sohoni: 9822055188 <a href="mailto:vjsohoni@gmail.com">vjsohoni@gmail.com</a>	
<b>08. Pune Region: For Pune, Satara, Districts</b>								
01	Suryadatta Institute of Vocational & Advanced Studies, 2074, Vijaynagar Colony, Sadashivpeeth, Pune 411 030 Ph: 020-24330425, 8956932416 Fax: 020-24330400 <a href="mailto:sivas@suryadatta.edu.in">sivas@suryadatta.edu.in</a>	V28	40	62440	Jun 18	PC	Ar. Meenal Kale 9168147766 <a href="mailto:Meenal.kale@suryadatta.edu.in">Meenal.kale@suryadatta.edu.in</a> <b><u>Asmissions.plat@gmail.com</u></b>	
<b>Fresh Admission Stopped from 2018 Only further Admissions to this Prog is permitted</b>						SCH	Ar. Tejaswini Pawar 9130777327 <a href="mailto:Tejaswini.pawar@suryadatta.edu.in">Tejaswini.pawar@suryadatta.edu.in</a>	

## ARCHITECTURE

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details						
<b>02. Aurangabad Region: For Aurangabad, Beed, Jalna, Districts</b>												
01	Marathwada Institute of Technology, P.B. No. 327, Beed Bypass Road, Aurangabad – 431005 Ph (W): (0240) 2376815 / 2377284 Fax (W): 2376154 Email: <a href="mailto:mit@mitindia.net">mit@mitindia.net</a>	<b>Fresh Admission Stopped from 2016 Only further Admissions to following Progis permitted</b>				PC-MAG	M. A. Patil: 9325213062					
<b>Fresh Admission Stopped from 2016 Only further Admissions to following Progis permitted</b>						PC-V22	Sanjay Mhaske: 9422705878					
						SCH	Prof. Munish Sharma: 9422202202					
		V22	40	2107A	Jun 17							
		V41	20	2107A	Jun 17							
<b>03. Kolhapur Region: For Kolhapur Ratnagiri, Sangli Districts</b>												

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
01	Department of Architecture, D.Y. Patil College of Engineering and Technology, Kasaba Bawda, Kolhapur – 416 006 (M.S.) Ph (W) / Fax(W): 0231- 2601433 Email: dypcet@sancharnet.net.in	V41	20	71152	Jun 17	PC	Indrajeet Jadhav: 9822107531
		<b>Fresh Admission Stopped from 2016</b>				SCH	Vijay Ghorpade: 9423869840
		<b>Only further Admissions to this Prog is permitted</b>				vijayghorpade@rediffmail.com	
02	Appasaheb Binrale College Of Architecture, Sangli. South Shivaji Nagar, Near Income- Tax Office, Dist Sangli 416416 Ph (W): 0233-2320294, 2322336, Email: <b>mh24sangli@gmail.com</b>	V41	20	72125		PC	Ar. S.P. Jagtap 9764990289 <b>architectspjagtap@ gmail.com</b>
		<b>Fresh Admission Stopped from 2012</b>				SCH	Ar. V.B. Sambrekar: 9823040506 vbs3333@gmail.com
		<b>Only further Admissions to this Prog is permitted</b>					
<b>04. Mumbai Region: For Mumbai, Navi Mumbai Districts</b>							
01	Rizvi College of Architecture, Rizvi Educational Complex, 7 <sup>th</sup> Floor, Sherly Rajan Road, Off Carter Road, Bandra (West), Mumbai – 400 050, MS Ph (W): 022-2605024, 26044196 Fax (W): 022 - 26002744 rizviarchitecture@gmail.com	V22	40	31181	Jun 18	PC-MA	Anil Bhingarde: 9224417273
		V41	20	31181	Jun 18	PC-BA	Z A Syed: 9322741174
		V43	20	31181	Jun 18	SCH	Aktar Chauhan: 9820059792
		V44	20	31181	Jun 18		
		<b>Fresh Admission Stopped from 2016</b>					
		<b>Only further Admissions to this Prog is permitted</b>					
02	Rachana Sansad's Academy of Architecture 278, Shankar Ghanekar Marg, Prabhadevi, Mumbai-400 025, MS Ph (W): 022-24301024 Ext. 601 Fax (W): 022 - 24301724 rachanasansad1@yahoo.com	V42	40	31205	Jun 18	PC-MA	Swati Kotulkar: 9821185884
		V43	40	31205	Jun 18	PC-EA	Roshni U. Yehuda: 9820827434 roshniudyavar@gmail. com
		V44	40	31205	Jun 18	PC- URP	Prof. Karim Panjwani 9699880910 karimpanjwani@gmail .com
		<b>Fresh Admission Stopped from 2016</b>				SCH	Prof P. P. Ambekar: 9892012501 a.ambekar@hotmail.c om
		<b>Only further Admissions to this Prog is permitted</b>					



SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
03	Indian Education Society's College of Architecture Vishwakarma, M. D. Lotlikar Vidya Sankul, Gate no. 1, Opp, Lilavati Hospital, Bandra, Reclamation, Mumbai 400 052 Ph (W): 022-61378458/56 Ies.coa@gmail.com, Ies.coarch@ies.edu	V41	20	31332	Jun 17	PC-MA	Mugdha Joshi: 9833357580
		V42	20	31332	Jun 17	PC-CM	Shilpa Sharma: 9892238884
		V43	20	31332	Jun 17		
		V44	20	31332	Jun 17	PC- EA	Vinit Mirkar: 9867721535
<b>Fresh Admission Stopped from 2016</b>						PC- URP	Snehal Karlekar : 9920950366
<b>Only further Admissions to this Prog is permitted</b>						SCH	Gaurish Chandawarkar: 9821098642
04	School of Environment & Architecture (SEA) Suvidyalay, Eksar Road, Borivali(W), Mumbai – 400 091 Ph (W): 022-65002156	V22	40	31457	Jun 19	PC	Prasad Shetty: 9820912744 askshetty@gmail.com
		<b>Fresh Admission Stopped from 2016</b>					
<b>Only further Admissions to this Prog is permitted</b>							
05	Bharati Vidyapeeth College of Architecture, Belpada Complex, Sector-7 Opp Kharghar Railway Station, Belpada Complex, C.B.D. Belapur, Navi Mumbai 400 614 Ph (W): 022 27564646 Fax (W): 022-27571451 Email: principal.bvcoa.gmail.com coarcmbai@bharatividyape eth.edu	V43	20	35233	Jun 18	PC	Anil Nandedkar: 9223293847 Anil.nandedkar@yaho o.in
		<b>Fresh Admission Stopped from 2016</b>					
<b>Only further Admissions to this Prog is permitted</b>							
<b>06. Nashik Region: For Nanded, Latur, Parbhani, Hingoli Districts</b>							
01	Lt. Ramesh Govind Joshi College of Information, Technology & Management, Saraswati Complex, Basmat Road, Parbhani 431 401 Ph: 02452 246097	V40	40	87113	Jun 16	SCH/PC	Abhijit R. Joshi 9028907104
		<b>Fresh Admission Stopped from 2016</b>					
<b>Only further Admissions to this Prog is permitted</b>							
<b>07. Nashik and Outside Maharashtra Region: For Nashik, Ahmednagar, Jalgaon, Dhule, Nandurbar Districts and outside Maharashtra Area</b>							

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
01	Vidyavardhan's IDEA Institute of Design Environment & Architecture B-38, D-Road, NICE Area, MIDC, Satpur, Nashik 422 007 Ph (W) :-0253-2351033/2350705 ideanashik@gmail.com	<b>Fresh Admission Stopped from 2016</b>  <b>Only further Admissions to following Prog is permitted:</b>				PC	Manju Bele: 9423969492 manjubele@gmail.com
						PC	Dinesh Gategaonkar 9422245000
		SCH	Vijay Sohoni: 9822055188 vjsohoni@gmail.com				
		<b>V22</b>	80	54314	Jun 16		
	<b>V40</b>	60	54314	Jun 18			
02	Sai Shiv Shankar Animation Institute, Gaibanshah Baba Charitable Sanstha, Kaji Chowk, Jama Masjid road, near DDC Bank, Shahada, Dist. Nandurbar 425 409 Ph: 02565-223268 Email: sunideore@gmail.com	<b>V40</b> 60 5553A Jun 18				PC	Rajesh G. Rajput 9850821610
		<b>Fresh Admission Stopped from 2016</b>  <b>Only further Admissions to this Prog is permitted</b>				SCH	Bhagwan T. Patil 9049177830
<b>08. Pune Region: For Pune, Satara, Districts</b>							
01	Allana College of Architecture, 2390-B, K B Hindayatullah Road, Azam Campus, Camp, Pune - 411 001, Ph (W): 020-26433202, Fax (W): 020-26433202 allanacoa@gmail.com	<b>V22</b> 40 62174 Jun 17				PC	Vasant N. Chaudari 9421516497
		<b>V42</b> 20 62174 Jun 16					Vasant8877@gmail.com
		<b>Fresh Admission Stopped from 2016</b>  <b>Only further Admissions to this Prog is permitted</b>				SCH	Ranjit T. Ghogale: 9422031447
02	Suryadatta Institute of Vocational & Advanced Studies, 2074, Vijaynagar Colony, Sadashivpeth, Pune 411 030 Ph: 020-24330425, 8956932416 Fax: 020-24330400 sivas@suryadatta.edu.in	<b>Fresh Admission Stopped from 2016</b>  <b>Only further Admissions to following Prog is permitted</b>				PC	Ar. Meenal Kale 9168147766 Meenal.kale@suryadatta.edu.in <b>Asmissions.plat@gmail.com</b>
						SCH	Ar. Tejaswini Pawar 9130777327 Tejaswini.pawar@suryadatta.edu.in
		<b>V40</b>	40	62440	Jun 18		

## TECHNOLOGY

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
<b>01. Amaravati Region: For Amravati, Akola, Buldhana, Yavatmal, Washim Districts</b>							
	<b>No Study Center</b>					PC	
						SCH	
<b>02. Aurangabad Region: Aurangabad, Beed, Jalna, Districts</b>							

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
01	Gramodyog Shikshan Mandal, MIT Campus, Beed Bypass Road, Satara Village Area, Aurangabad – 431005 Ph (W): (0240) 2375101 / 2375108 Email: munish.sharma@mit.asia Bijlee.deshmukh@mit.asia kawade@gmail.com	<b>T34</b>	60	21166		PC	Prof. M.A. Patil: 9325213062
		<b>T35</b>	120	21166			
		<b>To3</b>	60	21166		SCH	Prof. Munish Sharma: 9422202202
		<b>To5</b>	60	21166			
		<b>To6</b>	60	21166			
		<b>To7</b>	60	21166			
		<b>T24</b>	120	21166			
		<b>T50</b>	120	21166			
		<b>T51</b>	120	21166			
		<b>T52</b>	120	21166			
		<b>V62</b>	60	21166	June 16		
		<b>V63</b>	60	21166	June 16		
		<b>From 2016: Only further Admissions</b>					
02	Pandurang Shaikshanic Samajik Sanstha, J K Study Center, Nath Polytechnic,B-1,MIDC, Paithan, Dist. Aurangabad-431107	<b>T24</b>	30	21167		PC	Vilas V Thote: 9011770138
		<b>T50</b>	30	21167			
		<b>T51</b>	30	21167		SCH	Riyad Ahmed Hashmi: 9028294447
		<b>T52</b>	30	21167			
		<b>From 2016: Only further Admissions</b>					
03	Marathwada Institute of Technology, P.B. No. 327, Beed Bypass Road, Aurangabad – 431005 Ph (W): (0240) 2376815 / 2377284 Fax (W): 2376154 Email: mit@mitindia.net	<b>V55</b>	60	2107A	Jun 18	PC	M. A. Patil: 9325213062 mapatil2004@gmail.com
		<b>From 2016: Only further Admissions</b>					
							SCH
04	Lupin Ltd., A-28/1, MIDC Industrial Area, Chikhaldara, Aurandabad – 431 210 Ph(W): 0240-2485740 Fax(W): 0240-2484121	<b>V62</b>	60	21194	Jun 18	PC	Vishal S. Shinde 9922007807 vishalsshinde@lupin.com
		<b>From 2016: Only further Admissions</b>					
						SCH	Prakash S. Salunke 7767029494 prakashsalunke@lupin.com

03. Kolhapur Region: For Kolhapur Ratnagiri, Sangli Districts

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details			
01	Dr. J. J. Magdum Trust, Jaysingpur, Dr. J. J. Magdum College of Engineering, New Building, Shirolwadi Road, Jaysingpur, Dist. Kolhapur, Pin – 416 101. Ph (W): (02322) 221825 / 221827 Fax (W): 221831 Email: ycm7117ajaysingpur@gmail.com	T34	30	7117A		PCESE P	Prof. S. G. Vadagave 9764440018, 8956161763 vadagavesir@gmail. com		
		T35	60	7117A					
		T03	30	7117A					
		T05	30	7117A		PCMLE P	Prof. S. H. Sawant 9421038723 Shri. N.A. Langote 8956161763 <b><u>nikhillangote100 8@gmail.com</u></b>		
		T06	30	7117A					
		T07	30	7117A					
		T24	60	7117A					
		T50	60	7117A					
		T51	60	7117A					
		T52	60	7117A					
		V62	60	7117A	Jun 16	SCH	V.J. Magdum: 9764444145 ycmjaysingpur@gma il.com		
		V63	30	7117A	Jun 16				
		<b>From 2016: Only further Admissions</b>							
02	Rajarambapu Institute of Technology Rajaramnagar, Sakharale (Islampur), Tal. Walwa, Dist. Sangli – 415 414 Ph (W): (02342) 220329 Fax (W): 220989 Email: san_ritech@sancharnet.in	T34	30	7209A		PC	M.S. K. Kumbhar: 9970700741		
		T35	60	7209A		SCH	Prof B R Jadhav: 9970700743		
		T03	30	7209A					
		T05	30	7209A					
		T06	30	7209A					
		T07	30	7209A					
		T24	60	7209A					
		T50	60	7209A					
		T51	60	7209A					
		T52	60	7209A					
<b>From 2016: Only further Admissions</b>									
03	Padmabhushan Vasantraodada Patil Institute of Technology, Budhagaon, Tal. Miraj, Dist. Sangli – 416 304 Ph (W): (0233) 2366245, 2366246 Fax (W): 2366185 Email: pvpmsc@hotmail.com	T34	30	7231A		PCESE P	Milind Butale: 9320764165		
		T35	30	7231A		PCMLE P	S.S. Patil: 9860857834		
		<b>From 2016: Only further Admissions</b>							
						SCH	A.M. Patil: 9422613035		
04	Government Polytechnic Vidyanagar, Kolhapur – 416 004 Ph (W): 0231-2521038, 2521016 Fax (W): +91-231-2521016 Email: kpr_gpkpi@sancharnet.in	T34	60	71137		PC	Mr. Garge: 9420459552		
		T03	60	71137		SCH	V.D. Vaidya: 9422046567		
		T05	60	71137					
		T06	60	71137					
		T07	60	71137					
		<b>From 2016: Only further Admissions</b>							

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
05	Shri Mauni Vidyapith's Institute of Civil and Rural Engineering, Hutatma Murlidhar Nagar, Gargoti, Tal- Bjudargad, Dist-Kolhapur - 416209 Ph (W): (02324) 220069 Fax (W): 220069	T34	30	71209		PCESE	D.J. Magdum: 9403466295
		T35	30	71209		P	
		T24	30	71209		PCMLE	Jarali O.A.:
		<b>From 2016: Only further Admissions</b>				P	9765026379
						SCH	J.S. Ghavade: 9422627392
<b>04. Mumbai Region: For Mumbai, Navi Mumbai Districts</b>							
01	K. J. Somaiya Polytechnic, Vidyanagar, Vidyavihar, Mumbai - 400 077 Ph (W): (022) 25161752 Fax (W): (022) 25124408 Email:kjosp@vsnl.com	T34	60	31177		PCESE	Mrs. Motling Barnali: 9833570782
		T35	60	31177		P	
		To3	60	31177			
		To5	60	31177		PCMLE	Mr.R. G. Tambat: 9702238210
		To6	60	31177		P	
		To7	60	31177		SCH	Mrs. B. Padmaja: (022)21021752/ 9869816533
		T24	60	31177			
		T50	60	31177			
		T51	60	31177			
		T52	60	31177			
		V62	60	31177			
<b>From 2016: Only further Admissions</b>							
02	Kala Vidya Mandir Institute of Technology, Malad, Mhada (World Bank Project), Plot No. 3, RSC-19, Malvani Malad (W), Mumbai - 400 095 Ph (W): (022) 56088991, 28440012,28440012	T34	30	31178		PC	G.K. Gupta: 9892136359
		<b>From 2016: Only further Admissions</b>				SCH	G. K. Gupta: (022) 5608899
03	Smt. Geeta Tatkare Polytechnic, Gove-Kolad, Tal. Roha, Dist. Raigad - 402 304	V62	60	3288A	Jun 18	PC	Mr. Dilip N. Jaiswal Mob: 9224338795
		<b>From 2016: Only further Admissions</b>				SCH	Machhindra J. Tamboli 9960812379 machin- 123@rediffmail.com

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
04	KTSP Mandal Khopoli, Near Khopoli Police Station, Khopoli, Dist. Raigad – 410 203 Ph (W): (02192) 266157 Email: ktspkpk@rediffmail.com	T34	30	3270A		PC	Murade S.L.: (02192)268624 9422494788
		T35	30	3270A			
		T03	30	3270A		SCH	Mr G B Bhilawade: 9921656145
		T05	30	3270A			
		T06	30	3270A			
		T07	30	3270A			
		T24	30	3270A			
		T50	30	3270A			
		T51	30	3270A			
		T52	30	3270A			
		V62	60	3270A	Jun 16		
		V63	30	3270A	Jun 16		
		<b>From 2016: Only further Admissions</b>					
05	Emerson Network Power (India) Pvt. Ltd., G1, Additional Ambarnath Industrial Area, MIDC Phase 2, Village Bohonoli, Ambarnath, Thane (W) 400 604 Ph (W): 0251-3003478 mangesh.sawant@emerson.com	V55	30	35311	Jun 17	SCH/PC	Mangesh Sawant 9167002266 mangesh.sawant@emerson.com
		<b>From 2016: Only further Admissions</b>					
<b>05. Nagpur Region: For Nagpur, Chandrapur, Bhandara, Wardha, Gadchiroli, Gondia Districts</b>							
01	Sanmarg Shikshan Sanstha E-2/F-3, New Nandanwan, Near Water Tank, Nagpur – 440 009 Ph (W): (0712) 30215 13/03 Email: sssngp@gmail.com	T07	30	44169		PC	A. S. Chahande: 9890016180
		T24	30	44169			
		<b>From 2016: Only further Admissions</b>					
02	Nagar Yuwak Shikshan Sanstha. Atrey Lay Out, Nagpur-440 022 Ph (W): (0712) 2249462 Email: sushil_babhulkar@yahoo.co.in	T34	60	44281		PC	Prof P.W. Raut: 9822942801
		T35	60	44281			
		T03	60	44281		SCH	Shri Charde: 9373101709
		T05	60	44281			
		T06	60	44281			
		T07	60	44281			
		T24	60	44281			
		T50	60	44281			
		T51	60	44281			
		T52	60	44281			
		<b>From 2016: Only further Admissions</b>					

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details			
03	Sarvodaya Mahila mandal, Bhagirath Bhavan ,Main Road, Chandrapur Ph (W)Ⓣ07172) 250540, 256692 Fax (W): (07172) 250540 Email: nisalcpcc@gmail.com	T34	30	4286A		PC_DE	Mr. Nisal R.G.:		
		T35	30	4286A		TE	9423416532		
		T03	30	4286A		PC_D	Mr. S. M. Dhengle:		
		T05	30	4286A		ME	9423416532		
		T06	30	4286A		SCH	Mrs. Mamta Bajaj:		
		T07	30	4286A			7709716700		
		T24	30	4286A					
		T50	30	4286A					
		T51	30	4286A					
		T52	30	4286A					
		V62	30	4286A	June 2016				
		V63	30	4286A	June 2016				
		<b>From 2016: Only further Admissions</b>							
		04	Smt. Radhikatai Pandav College of Engineering, Near Dighori Naka, Umrer Road, Nagpur – 411 204 Ph (W): (07103) 302856,302864,302868, 302872 Fax (W): 07103 – 276190 Email: smtrpcc@hotmail.com anil_ingle943@rediffmail.com giradkarnaresh@gmail.com	T34	30	44134		PCESE	N.P. Giradkar:
T35	30			44134		P	9423637427		
T03	30			44134		PCML	A.H. Ingle:		
T05	30			44134		EP	9960799424		
T06	30			44134		SCH	Pandharipande:		
T07	30			44134			9923103600		
T24	30			44134					
T50	30			44134					
T51	30			44134					
T52	30			44134					
<b>From 2016: Only further Admissions</b>									
05	Institute of Technology and Engineering, Premises of Dharampeth Science College, North Ambazari Road, Near Ambazari Garden, Nagpur – 440 033 Ph (W): (0712) 2241490 Fax (W): (0712) 2240070 Email: ite_scycmou@rediffmail.com	T34	60	44107		PC	Shri S.V. Joshi:		
		T03	60	44107			9822700619		
		T05	60	44107		SCH	Dr. V G Dixit:		
		T06	60	44107			0712-2241490		
		T07	60	44107					
		<b>From 2016: Only further Admissions</b>							
		<b>06. Nanded Region: For Nanded, Latur, Parbhani, Hingoli Districts</b>							

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
01	Gramin Polytechnic, Vishnupuri, Nanded – 431 606 Ph (W): (02462) 229801, 229555 Fax (W): 229777 Email: principal_grampoly@rediff.com	T34	30	8567A		PC	Miss. More J B: 97662484480
		T35	30	8567A		SCH	Pawar V.S.: 9422 171151
		T03	30	8567A			
		T05	30	8567A			
		T06	30	8567A			
		T07	30	8567A			
		T24	30	8567A			
		T50	30	8567A			
		T51	30	8567A			
		T52	30	8567A			
<b>From 2016: Only further Admissions</b>							
<b>07. Nashik and Outside Maharashtra Region: For Nashik, Ahmednagar, Jalgaon, Dhule, Nandurbar Districts and outside Maharashtra Area</b>							
01	College of Engineering & Technology, "Shram Sahakar", Aakashwani Chowk, Jalgaon – 425 002. Ph (W): (0257) 2227422 Email: coetjalgaon@hotmail.com	T03	30	5392A		PC	Nana Patil: 9423487896
		<b>From 2016: Only further Admissions</b>				SCH	Pramod More: 9423185684
02	Hindi Sewa Mandal, Shashtri Vidyanagar Sankul, Shivajinagar, Bhusaval-425201 Ph (W): 02582 – 224364 Fax (W): 02582 – 222889 Email: hsmasc123@gmail.com, ne.pangale@gmail.com	T34	30	53152		PC	Mr. G A Kulkarni: 9970052498
		T35	30	53152		SCH	Mr. Pangale: 9730550397
		T03	30	53152			
		T05	30	53152			
		T06	30	53152			
		T07	30	53152			
		T24	30	53152			
		T50	30	53152			
		T51	30	53152			
		T52	30	53152			
V62	60	53152	Jun 16				
V63	30	53152	Jun 16				
<b>From 2016: Only further Admissions</b>							
03	Dhanvantari College of Engineering, 1st floor, Above DivyaAdLabs, Purab-Pachim Plaza, TrimurtiChowk, CIDCO Nashik – 422 008 Ph(W) : 0253-2372575 Fax(W): 0253-2376279 Cell : 9604085298 E-mail: kalpataru_institute@hotmail.com	T35	60	54322		PC	Mr. Anil Bagul: 9822314742
		T24	60	54322		SCH	Mrs. Manisha Anil Bagul: 9822858698
		T50	60	54322			
		T51	60	54322			
		T52	60	54322			
		V62	60	54322	June 2015		
<b>From 2016: Only further Admissions</b>							



SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
04	Ukay Metal Industries Pvt. Ltd., E-75, MIDC Area, Ambad, Nashik – 422 010 Ph: 0253-6629465	<b>V62</b>	60	54396	June 2017	PC	Avinash Mandalkar 9881498103 m.avinash@ukayin dustries.net
		<b>From 2016: Only further Admissions</b>				SCH	Avinash Girase
<b>08. Pune Region: For Pune, Satara, Districts</b>							
01	Maharashtra Institute of Technology, S No 124, Kothrud, Paud Road, Ex Servicemen Colony, Pune – 411 038 Ph(W): 020-30273629, 25464131 Fax(W): +91-20-25442770 Email: mit@mitpune.com, mitycmou@hotmail.com	<b>T34</b>	120	62173		PCESE	Dharampatre: (020) 30273629
		<b>T35</b>	120	62173		P	
		<b>To3</b>	120	62173		PCML	Ganesh Borikar: (020) 30273629
		<b>To5</b>	120	62173		EP	
		<b>To6</b>	120	62173		SCH	Mangesh Karad: (020) 25676818
		<b>To7</b>	120	62173			
		<b>T24</b>	120	62173			
		<b>T50</b>	120	62173			
		<b>T51</b>	120	62173			
		<b>T52</b>	120	62173			
		<b>V62</b>	120	62173	June 2016		
<b>V63</b>	120	62173	June 2016				
				<b>From 2016: Only further Admissions</b>			
02	Vidya Mahamandal 1244, Apte Road, Pune – 411 004 Ph(W): 020-25531996,25531479 Fax(W): +91-20-25531996 Email : info@vidyamaha.edn.in	<b>To3</b>	60	62247		PC	P. R. Khatavkar: 9225571214
		<b>From 2016: Only further Admissions</b>				SCH	Apte A. M.: 9422504741
03	Karmaveer Bhaurao Patil College of Engineering & Polytechnic Camp, Near Circuit House Satara – 415 001 Ph(W):+91- 02162-230636 Fax(W):+91-02162-235767 Email: karim_250@rediffmail.com	<b>T34</b>	30	6409A		PCESE	S.D. Lengare: 9860660248
		<b>T35</b>	30	6409A		P	
		<b>To3</b>	30	6409A		PCML	K.C. Shaikh: 9881004764
		<b>To5</b>	30	6409A		EP	
		<b>To6</b>	30	6409A		SCH	V. B. Godbole: 02162-235767
		<b>To7</b>	30	6409A			
		<b>T24</b>	30	6409A			
		<b>T50</b>	30	6409A			
		<b>T51</b>	30	6409A			
		<b>T52</b>	30	6409A			
				<b>From 2016: Only further Admissions</b>			
04	Sri Savitribai Phule Polytechnic College, MAEER, Survey No. 124, MIT Campus, Kothrud Pune – 411038 Ph. (W): 020-25464131/30273629	<b>T35</b>	120	62319		PC	Prof. N.K. Patil: 020-25442770
		<b>T24</b>	120	62319		SCH	MangeshKarad: 020-25464131
				<b>From 2016: Only further Admissions</b>			

SN	SC Contact Information	PCC	SIT	Code	Apvl Till	SC Staff Contact Details	
05	Yashaswi Institute of Technology, S.No.169/1/A, Opp. Elpro International Chinchwad Pune-411033 Ph(W): 020-27354731	<b>T05</b>	NA	62387		PC	Mr Pradeep Tupe M: 9158988263, 9422318263
		<b>T06</b>	NA	62387			
		<b>T24</b>	NA	62387		SCH	Brig. (Dr.)S.K. Ambike: 020- 9960269691
		<b>T50</b>	NA	62387			
		<b>T51</b>	NA	62387			
		<b>V62</b>	NA	62387	Jun 18		
		<b>V63</b>	NA	62387	Jun 18		
<b>V55</b>	NA	62387	Jun 18				
<b>From 2016: Only further Admissions</b>							
06	Swami Vivekanand Institute of Technology, Block 66/67, C Wing, Commercial Complex, Chikhali Road, Near RTO Office, Chinchwad, Pune – 411 019 Ph: 020-27496047 Email: svit.pune@rediffmail.com	<b>V62</b>	NA	62488	Jun 18	PC	Satish Pawar 9552554444
		<b>V63</b>	NA	62488	Jun 18		
		<b>V55</b>	NA	62488	Jun 18	SCH	Eknath Pawar 9922020777 erpawar@rediffmail.com
		<b>From 2016: Only further Admissions</b>					
07	M.I.T. College of Engineering S No 124, Kothrud, Paud Road, Ex Servicemen Colony, Pune – 411 038 Ph(W): 020-25437681, 25437682 Fax(W): +91-20-25442770	<b>T35</b>	120	62276		PC	Prof Anand Tappu: 9850627506
		<b>T24</b>	120	62276			
		<b>T50</b>	120	62276		SCH	Mangesh Karad: (020)32900895
		<b>T51</b>	120	62276			
		<b>T52</b>	120	62276			
		<b>From 2016: Only further Admissions</b>					
08	MAEER's Maharashtra Academy of Naval Education and Training (MANET), Gat No. 140, Loni- Kalbhor, Rajbaugh, Pune- Solapur Highway, Pune – 412 201 Ph (W): 020- 26912901/2/3/25442770 Fax (W): 020-26912904 manet_office@mitpune.com	<b>T33</b>	200	63106		PC	Nilesh S. Kamthe 9970128685 Nilesh.kamthe@manetpune.edu.in
		<b>V23</b>	200	63106			
		<b>V61</b>	200	63106		SCH	Prof. S.S. Devgaonkar: 9860012911 principal@manetpune.com
		<b>From 2016: Only further Admissions.</b>					
09	Vidyadhan Education Society's, Ananya College of Engineering & Technology, Sr. No. 797, A/P Kenjal, Tal. Bhor, Pune – 412 205 Ph(W): 02113 –202211 Email: acet.ves@gmail.com	<b>V62</b>	60	62424	Jun 18	PC	Dadasaheb Attar 8378998477
		<b>V63</b>	60	62424	Jun 18		
		<b>V55</b>	60	62424	Jun 18	SCH	Shri. R. G. Yewale: 9762214779 ramyewale@yahoo.co.in
		<b>From 2016: Only further Admissions</b>					

SN	SC Contact Information	PCC	SIT	Code	Appl Till	SC Staff Contact Details	
10	Vishwakarma Maritime Institute (VMI), Survey No. 2/3/4, Laxmi Nagar, Kondhwa Budruk, Pune - 411 048. Ph(W): 020 - 64785715/16/17/18 Fax: 020 - 26932700 Email:director@vmipune.com ramesh.anvekar@vmipune.com	V61	40	62428	NA	PC	Prof. R. V. Anvekar : 9422450805
						SCH	Captain Asheesh Kaushik: 7875900025

## 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 तरतुदीनुसार  
राज्यामध्ये यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठामार्फत चालविण्यात येणा-या पदविका  
स्तरावरील १. डिप्लोमा इन इसेन्शियल स्कील्स (Diploma in Essential Skills), २. डिप्लोमा इन  
बीजनेस स्कील्स (Diploma in Business Skills), आणि ३. डिप्लोमा इन इंडेस्ट्रीयल स्कील्स  
(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 ठरणार आहे. याकरीता सार्वजनिक क्षेत्र व खाजगी क्षेत्र यांनी आपापसात भागीदारी रचण्यावर काम करणे आवश्यक आहे. ही बाब विचारात घेऊन बसवंतराम चव्हाण महाराष्ट्र मुक्त विद्यापीठ आणि अग्निव हुस्विट्ट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे यांच्या संयुक्त विद्यमाने "शिक्षा व कनवा" ही योजना अंमलात येणार आहे. या योजनेअंतर्गत अग्निव हुस्विट्ट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे या संस्थेकडून काही नामवंत उद्योगांबरोबर सार्जेनस्य करार (MOU) केले जाणार आहेत. या माध्यमातून पदविका स्तरावरील अभ्यासक्रम राज्यभरात गरीब विद्यार्थ्यांना शिकत असताना on the job प्रशिक्षण देऊन त्यांना उद्योगांमध्ये व व्यवसायांमध्ये सामावून घेण्यात येणार आहे. या कालावधीत त्यांना विद्यावेतन देखील देण्यात येणार आहे. त्यामुळे गरीब विद्यार्थ्यांना मोफत पायाभूत स्वरूपाचे (Basic) उपरोचित तंत्र शिक्षण, कौशल्य शिक्षण, लेखा विषयक शिक्षण इत्यादि कौशल्याची प्राप्ती होणार असून विद्यार्थ्यांना विद्यावेतन देखील प्राप्त होणार आहे. या उपक्रमांतर्गत येणारा संयुक्त खर्च उपरोक्ता म्हणून उद्योगकांकडून सोपण्यात येणार आहे. त्यामुळे प्रत्यक्षात शासनावर कोणत्याही प्रकारचा आर्थिक भार पडणार नाही.

त्याच शर्तीवर बसवंतराम चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक आणि अग्निव हुस्विट्ट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे यांच्या संयुक्त विद्यमाने चालविण्यात येणा-या "शिक्षा व कनवा" या योजनेला शासनाचे सहकार्य देण्याबाबतचा प्रस्ताव शासनाच्या विचाराधीन होता. उच्च प्रस्तावाचा सर्वांगीण विचार करून शासन खालीलप्रमाणे निर्णय घेत आहे.

शासन निर्णय :-

बसवंतराम चव्हाण मुक्त विद्यापीठ आणि अग्निव हुस्विट्ट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ठाणे यांच्या वरम्वान "शिक्षा व कनवा" या उपक्रमांतर्गत प्रवृत्तिका स्तरावरील प्रशिक्षणाकरिता १. डिप्लोमा इन इन्व्हेन्शियल स्कौल्स (Diploma in Essential Skills), २. डिप्लोमा इन बीझनेस स्कौल्स (Diploma in Business Skills), आणि ३. डिप्लोमा इन इंडेस्ट्रीयल स्कौल्स (Diploma in Industrial Skills) हे तीन अभ्यासक्रम राबविण्यासाठी विद्यापीठाने सदर संस्थेत दिलेल्या हुरादापत्रात शासनाची मान्यता प्रदान करण्यात येत आहे.

२. ही शासन मान्यता खालील अटी व शर्तीच्या अधिन राहून देण्यात येत आहे -  
१) "शिक्षा व कनवा" 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 बसवंतराम चव्हाण महाराष्ट्र मुक्त विद्यापीठमार्फत देण्यात येणार आहे. ही बाब विचारात घेऊन, प्रशिक्षणाधीन "Apprenticeship Act, १९६१" मधील तरतुदीचे तंतोतंत पालन करण्याच्या अटीच्या अधीन राहून अभ्यासक्रमाच्या कालावधीत Apprentices म्हणून संबोधण्यात यावे.

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२) उक्त प्रशिक्षणाधीन प्रशिक्षणाचा कालावधी २ वर्षांपलिकडे जाणार नाही याची काळजी विद्यापीठाने घ्यावी. तसेच विद्यार्थ्यांना "Apprenticeship Act, १९६१" मधील तरतूदीनुसार अनुज्ञेय ठरविलेले किमान शिक्षावेतन किंवा उद्योजक यापेक्षा जास्त शिक्षावेतन देऊ इच्छित असले तर ते शिक्षावेतन संबंधित उद्योजक बांधकसून देण्यात यावे.

३) विद्यार्थ्यांसाठी साधन सामग्री, पाठ्यपुस्तके व साहित्य इत्यादी आणि प्रशिक्षणावधील इतर सर्व खर्चाचा भार ज्या उद्योगांच्या कारखान्यामध्ये विद्यार्थी प्रशिक्षण घेत असतील त्या उद्योजक आस्थापना किंवा अधिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ऑफ मॅनेजमेन्ट, ठाणे हे सोसतील.

४) सर्व सहभागी विद्यार्थ्यांचा विमा खतरविश्मात याबा तसेच त्यांच्या सुरक्षितता व वैद्यकीय देखभाली संदर्भात आवश्यक त्या उपाययोजना कराव्यात.

५) उपलब्ध सुविधांचा विचार करून वा योजनेमध्ये सहभागी होण्याचा निर्णय विद्यापीठाच्या सहमतीने घेण्याची मुभा अन्य संस्थांना राहिल. यासाठी संस्थांनी आवश्यकतेनुसार अधिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ऑफ मॅनेजमेन्ट, ठाणे वा संस्थेशी स्वतंत्र करारनामा करावा.

६) या अधिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ऑफ मॅनेजमेन्ट, ठाणे संस्थेच्या पदाधिका-बांधकसून बांगल्या वर्तमानूळीची इमी घेण्यात यावी. तसेच सादर अभ्यासक्रमांचा दर्जा व गुणवत्ता ही अधिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ऑफ मॅनेजमेन्ट, ठाणे यांच्यामार्फत उत्तम राखली जाईल याची खात्री विद्यापीठाने करावी व तिचे सनियंत्रण करावे. गैरव्यवहार, सर्जा व सखणे या व अशा अन्य स्वरूपाच्या योग्य (Valid) कारणांसाठी हे अभ्यासक्रम राबविण्यास दिलेली मान्यता रद्द करण्याचे अधिकार शासनास राहतील.

७) या सुविधा यथावतराव चक्राण महाराष्ट्र मुक्त विद्यापीठ, नाशिक बांध्यामार्फत अधिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी ऑफ मॅनेजमेन्ट, ठाणे या संस्थेस अभ्यासक्रम चालविण्यासाठी दिलेल्या मान्यतेच्या कालावधीपुरत्या मर्यादित राहतील.

८) या अभ्यासक्रमांच्या मान्यतेच्या/कार्यमध्दतीच्या अनुबंगाने नविन्यात काही गुंतागुंत ह्यान्वत्स/ न्यायालयीन प्रकरण उद्भवल्यास त्याची संपूर्ण जबाबदारी यथावतराव चक्राण मुक्त विद्यापीठची राहिल.

९) शासनास आवश्यक असले त्यावेळी शासनकसून 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](http://www.maharashtra.gov.in) या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा संकेतांक क्रमांक २०१८०३१३१७५११९७७०८ असा आहे. हा आदेश डिजिटल स्वाक्षरीने साक्षात्कृत करून काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व गावाने,

Sanjay A.  
Dharurkar

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२. संचालक, उच्च शिक्षण, पुणे.
३. संचालक, तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई.
४. संचालक, व्यवसाय शिक्षण व प्रशिक्षण, मुंबई.
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७. मा. ज्येष्ठ मुख्य सचिव, उच्च व तंत्र शिक्षण विभाग यांचे फीचर सहाय्यक.
८. श्री. सुधीर विहीता, अध्यक्ष, अभिनव इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड मॅनेजमेन्ट, ६०१, पॅराडॉक्स टॉवर, ठाणे (पश्चिम) ४०० ६०१.
९. निवृत्त नस्ती..

पृष्ठ ४ पैकी ४