

**FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY
DEHRADUN**

**(Under Section 3 of the UGC Act 1956)
(vide Notification No.F.9-25/89-U.3 dated 6-12-1991)**

**INFORMATION BULLETIN
FOR
ADMISSION TEST
TO**

**Master of Science Courses
2022**

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AN OVERVIEW

THE INSTITUTE

Forest Research Institute (F.R.I.), Dehra Dun made a humble beginning as Forest School established in 1878. Initially named as Imperial Forest Research Institute, F.R.I., came into being in 1906. Later renamed as Forest Research Institute and Colleges, with a number of centres located at different places all over the country administering research as well as training of Forest Officers and Forest Rangers. After reorganization of Forestry Research in the country and creation of Indian Council of Forestry Research and Education (ICFRE) in 1988, the training and research centres were given an independent status of institutes. Forest Research Institute, now one of the institutes under ICFRE, was conferred the status of Deemed University in December 1991 on the recommendations of the U.G.C., Ministry of Human Resource Development, Government of India.

OBJECTIVES OF THE FRI DEEMED TO BE UNIVERSITY

- To impart education in different branches of forestry and environment.
- To provide for research, advancement and dissemination of knowledge in the field of forestry and environment.
- To create consciousness about forest and environment among people through forestry extension programme.
- To carry out such other activities as may be necessary and desirable to further the safeguarding of environment and protection of forests and wildlife.

RESEARCH DIVISIONS AND DISCIPLINES IN THE INSTITUTE

- ◆ **BOTANY** (*Systematic Botany, Wood Anatomy,*
- ◆ **CHEMISTRY & BIO-PROSPETING** (*Chemical Extracts from Trees, Forest based Oilseeds, Medicals and Aromatic Plants, Resins and Gums*)
- ◆ **EXTENSION** (*Social Forestry and Extension, Agroforestry*)
- ◆ **FOREST ECOLOGY & CLIMATE CHANGE** (*Forest Productivity, Biodiversity, Environment and Pollution Wasteland, Reclamation, Soil Geology and Mineralogy, Climate Change & Forest Influence*)
- ◆ **FOREST PROTECTION** (*Forest Diseases Forestry Bio-fertilizers Control Measure and Taxonomy*)
- ◆ **FOREST PRODUCTS** (*Timber Mechanics, Wood Seasoning, Wood Preservation, Composite Wood, Wood Working and Finishing, Timber Engineering Cellulose & Paper Technology*)
- ◆ **GENETICS AND TREE IMPROMENT** (*Genetics Improvement Plant Physiology, Tissue Culture, Breeding and Forest Biotechnology*)
- ◆ **SILVICULTURE & FOREST MANAGEMENT** (*Experimental Silviculture, Forest Mensuration, Forest Economics Logging & Seed Technology, ,*)

♦ **FOREST INFORMETICS** (*Forest Bio-Informatics & Forest Geo-Informatics*)

THE APPLICATION FORM

The Forest Research Institute Deemed to be University **Online Remote Proctored admission test, 2022** will be held on **Sunday, 22nd May, 2022** for the following courses:-

| Sl.No. | Courses | Duration (Years) | No. of seats | |
|--------|------------------------------------|------------------|--------------|-------------------|
| | | | Indian | Foreign Nationals |
| 1. | M.Sc. Forestry | 2 | 38 | 2 |
| 2. | M.Sc. Wood Science & Technology | 2 | 38 | 2 |
| 3. | M.Sc. Environment Management | 2 | 38 | 2 |
| 4. | M.Sc. Cellulose & Paper Technology | 2 | 20 | - |

The application form can be downloaded from the University website www.fridu.edu.in the candidates have to submit duly filled Application form along with fee of Rs.1500/- in the form of Demand Draft from any Nationalized Bank in the favour of **Registrar, FRI Deemed to be University, Dehradun**

The last date of receipt of completed application form: 19th April 2022.

(Forms received after the last date will not be accepted in any circumstances)

It is advised to send the application form by Registered Post i.e. Speed Post/ Courier. Postal delay will not be accepted as a plea to entertain applications after the last date.

Admit card/login details will be provided to the applicant by the 1st week of May, 2022 by the outsourcing agency.

Under no circumstances the admission test fee, once paid, will be Refunded or held in reserve for any future admission test.

ELIGIBILITY REQUIREMENTS

The eligibility requirements for admission to these courses are as follows:

| Sl. No. | Course Code No. | Courses of Studies | Eligibility requirement |
|---------|-----------------|------------------------------------|--|
| 1 | 01 (A) | M.Sc. Forestry | B.Sc. degree with at least one of the subjects namely Botany, Chemistry, Geology, Mathematics, Physics, Zoology or a B.Sc. degree in Agriculture or Forestry. |
| 2 | 01 (B) | M.Sc. Wood Science & Technology | B.Sc. degree with Physics, Mathematics and Chemistry (PCM) or B.Sc. degree in Forestry. |
| 3 | 01 (C) | M.Sc. Environment Management | B.Sc. degree in any branch of Basic or Applied Sciences or Bachelor's degree in Forestry or Agriculture or BE/B.Tech in Environment Science. |
| 4 | 01 (D) | M.Sc. Cellulose & Paper Technology | B.Sc. degree with minimum 50% marks in aggregate in Science with Chemistry as one of the subjects. BE/B.Tech. (Chemical or Mechanical Engineering with minimum 50% aggregate). |

Age Limit for In-service Candidate:

The maximum age limit in respect of in-service candidate to M.Sc. Environment Management course shall be 50 years. The age shall be reckoned as on 31st July of the year of admission and no further relaxation will be given in any case.

CHOICE BASED CREDIT SYSTEM

The FRI Deemed to be University has implemented the Choice Based Credit System for M.Sc. courses of FRI Deemed to be University from the session 2016-2017.

RESERVATION OF SEATS

A) SCHEDULED CASTES AND SCHEDULED TRIBES:

Fifteen percent (15%) of the total available seats shall be reserved for scheduled castes and seven and half percent (7.5%) for scheduled tribes candidates subject to their being otherwise suitable. These reservations shall be interchangeable e.g. if sufficient number of candidates are not available to fill up the seats reserved for scheduled tribe candidates, these can be filled up from suitable scheduled castes candidates within the course concerned.

B) OTHER BACKWARD CLASSE (OBC):

The reservation to OBC is being provided as per the policy of the Govt. of India as defined by National Commission for Backward Classes (NCBC).

C) PHYSICALLY HANDICAPPED:

3% reservation to the persons with **Disabilities under the persons with Disabilities (Equal opportunities, Protection of Rights and Full Participation) Act, 1995 Chapter No. 39**, in M.Sc. Forestry & M.Sc. Environment Management Courses for the candidates with locomotors disabilities one leg, one arms (without mobility restriction) and persons with partial deafness as per Govt. of India rules. The Candidates will have to produce Disability certificate issued by competent authority at the time of Counseling for admission.

D) IN-SERVICE CANDIDATES:

Five seats shall be reserved in M.Sc. Environment Management course for in-service candidates working in Government Departments/Autonomous bodies under the Central/State/Union Territory/ICFRE. However, if in-service candidates are not available then the seats reserved for them will be filled up by general candidate(s).

E) FOREIGN NATIONALS:

Reservation to the extent of 15% of the prescribed seats on supernumerary basis for Foreign Nationals shall be made for admission to each M.Sc. course available in the Institute. The foreign nationals are **exempted from appearing in admission test** provided they have passed the equivalent qualifying examination from a University outside India and fulfill the following conditions:

- (a) that they must have minimum eligibility requirements;
- (b) that the applications of scholarship holding Foreign Nationals (Under various schemes) are routed through Indian Council for Cultural Relations /Ministry of Human Resource & Development (Dept. of Education), Govt. of India, New Delhi;

- (c) that the applications of self-financing Foreign nationals should be routed through concerned Indian Diplomatic Mission abroad or Diplomatic Mission of the country of the applicant in India and should be reached in the office of the FRI Deemed to be University by the 5th June, 2022. Fee to be charged from the foreign nationals is given below.
- (d) that they have valid residential permit in India granted for studies/Student Visa for the prescribed duration of the concerned course;
- (e) that the antecedents of the candidate have been verified by the forwarding Agencies/Ministry and found in order;
- (f) that the degree/certificates of the candidates have been approved by the Association of Indian Universities (AIU) as equivalent to the corresponding degrees/certificates of the AIU;
- (g) that they have adequate knowledge of English as per requirements of the course.

Fee

- | | | | |
|----|--|---|--|
| 1. | Semester fee | - | 750 US\$ per semester (1 st installment is payable at the time of admission) |
| 2. | Caution money | - | 50 US\$ (Refundable) |
| 3. | Hostel fee | - | 40 US\$ per month |
| 4. | Sports, Magazines fees | - | 30 US\$ p.a. |
| 5. | Library/Teaching aid fee | - | 50 US\$ per semester |
| 6. | Degree fee | - | 10 US\$ |
| 7. | The mess charges will be around 23 US\$ p.m., if they join mess run by the students. | | |

COMMITTEES

The FRI Deemed to be University has constituted the following committees for safe, secure and stress free environment in the University to the students of the FRI Deemed to be University.

1. Anti-Sexual Harassment Committee
2. Committee to look after the complaints of caste discrimination of SC/ST students
3. Student Counselling Centre
4. Student's Welfare & Disciplinary Committee

GUIDELINES

- ❖ In case a candidate has appeared for the degree examination required for admission but the result of the same has not been announced till the time of submission of application, the application form may still be completed in all other respects and may be submitted to the Registrar, Forest Research Institute Deemed to be University on or before the last date. The degree/result (mark sheet) should however be furnished as soon as it becomes available, which must reach the office of the Registrar, FRI Deemed to be University on or before the date fixed for admission failing which he/she shall not be admitted treating his/her application for admission as incomplete.
- ❖ In case a candidate comes from a university/institute that follows the course credit system, the application shall be considered even though the final viva/voce is yet to be completed provided a full transcript is enclosed showing the grade point average obtained along with a course completion certificate from the Registrar of the University/Institute/Head of the College, Dean/Associate Dean of the campus of multi-campus, Universities/Institutes to the effect that the candidate has completed all the prescribed work. The certificate issued in this regard by the Head of the Department/Division shall not be entertained. However, at the time of admission a certificate shall have to be produced from the Registrar/Head of the College, Dean/Associate Dean of the campus of multi-campus Universities stating clearly that the candidate has passed the last degree examination, failing which the candidate shall not be admitted treating his/her application for admission as incomplete.
- ❖ The candidate must in his/her own interest fill up the application form most ***carefully and ensure that all the columns are filled up correctly. Incomplete application shall be rejected out right.***
- ❖ A candidate may apply in more than one course in test but he/she is required ***to fill up the separate admission form and separate fee for each course e.g. In case candidate applies for two courses the fee payable shall be Rs.3000/- for application forms. Similarly, for three courses the fee payable shall be Rs.4500/- respectively.***
- ❖ The applicant is required to mention his/her category in clear terms. The category to which the applicant belongs once mentioned on the form shall be final and no subsequent change shall be allowed. If boxes requiring indication of category on the application form are left blank, the candidate shall be treated as general category and he/she cannot claim the benefit of any other category.
- ❖ Candidates are allowed to appear for the Admission Tests provisionally subject to the verification of equivalence of degrees/certificates and validity of certificates/marks-sheets of qualifying examination and also whether involved in the adoption of unfair means in any of the examinations of the University admission tests held earlier at the time of admission in the respective courses. Degree/Certificate recognized by AIU shall be deemed as equivalent degrees.

- ❖ Candidates who were admitted as regular students to any course of studies in this Institute through Admission Test in earlier year(s) shall not be allowed to re-appear in the admission test for admission in same course.
- ❖ Please fill up all the columns correctly.
- ❖ Please read the Information Bulletin thoroughly before filling up the form.
- ❖ In your own interest please do not give any false information which may make you liable for disqualification.

Production of original certificates and mark sheet at the time of admission is an essential requirement which is not relaxed in any case under any circumstances. If any information submitted by the candidate is found to be false at any stage during his/her study at FRI Deemed to be University, his/her admission shall be cancelled.

- ❖ The minimum qualifying marks for allowing candidate to appear in the written test are 50 percent in aggregate at B.Sc. level/M.Sc. level prescribed for admission to the different courses in respect of general category and OBC candidates including physically handicapped, in-service candidates and foreign nationals and 45 percent in aggregate in respect of SC/ST candidates.
- ❖ Candidates selected for written test based on the academic and other requirements will be sent the admit card through e-mail/surface mail. In case of admission to the M.Sc. courses the aggregate marks of all the three science subjects will only be computed for ascertaining the **50%** qualifying marks in respect of General/OBC candidate and **45%** in respect of SC/ST candidates. The marks of other than Science subjects and aggregate marks of honours subject shall not be considered in any case for ascertaining the qualifying marks for appearing in the admission test.

ANNOUNCEMENT OF RESULTS & ADMISSION

- ❖ A merit list of candidates including a waiting list will be formed for each course on the basis of aggregate marks secured in the written test. Candidates will be selected in order of merit in all the categories. The list of selected will be declared on the website www.fridu.edu.in. **Date of first counseling is 04th July, 2022 and date of second counseling is 07th July, 2022. The candidates will be suitably advised before they come for counseling.**
- ❖ The selected candidates will have to pay the prescribed fees and join the course by the due date notified. The fee has to be paid at the time of counseling otherwise the seat will be offered to the next candidate.
- ❖ If a selected candidate does not join by the prescribed date or if no extension has been asked for and **granted** by the University the admission shall stand cancelled automatically and the seat shall be offered to the candidate in the merit/waiting list.

Documents in original to be produced by the candidate at the time of counselling:

1. Transfer Certificate
2. Migration Certificate, if passed from University (to be submitted not later than 90 days of admission)
3. High School Certificate/equivalent Certificate and Mark sheet.
4. Intermediate Certificate/equivalent Certificate and Mark sheet.
5. B.Sc. degree/PDC and Mark sheet of all the three years or transcript
6. M.Sc. degree and Mark sheet if any.
7. OBC certificate from District Magistrate or authorities empowered to issue certificate or verification issued not earlier than six months. Please ensure that you are eligible to get reservation under OBC category only as per the Central Educational Institutions (Reservation in Admissions) Act, 2008 and other relevant guidelines issued by Govt. of India time to time.(National Commission for Backward Classes)
9. SC/ST certificate on the basis of which reservation is claimed.
10. Physically Handicapped certificate from Civil Surgeon/C.M.O.
11. Aadhar Card

❖ *The candidates called for admission have to produce original certificates, mark sheet etc. before the payment of fees. However in cases where the original mark sheet indicates clearly that the candidate have passed the qualifying examination prescribed for admission he/she be admitted on the condition that he/she shall produce the original degree/provisional degree within one month failing which his/her admission is liable to be cancelled. There can be no appeal to any authority if the candidate fails to produce the original documents at the time of admission.*

❖ In case equal marks in written test, the following criteria shall be adopted for taking admission in the course concerned:-

- i) Preference will be given to the candidate who has higher percentage of aggregate marks in the qualifying examination.
- ii) In case the candidates have equal percentage of aggregate marks in qualifying examination then the candidate higher % in graduation will be given preference.

PLACEMENTS

FRI Deemed to be University provides assistance in placement of deserving students. Various industries/ organizations visit the campus for campus interviews. On an average 50% of the students get placements through the campus interviews. However, in case of M.Sc. Wood Science & Technology the placement is 100% in general.

SCHOLARSHIP

FRI Deemed to be University provides merit scholarship to the topper students in each course. The scholarship may be upto 50% of Tuition Fee per semester and is awarded separately for each semester depending on the result of the previous semester. For the purpose of award of scholarship in the first semester the result of the entrance test is considered and the topper in general category and SC/ST category are awarded the scholarship in each course. However general category candidate must score minimum 50% marks and SC/ST must score 30% marks for obtaining the scholarship.

GENERAL

- a) Candidate who satisfies the above eligibility requirements may apply for admission test on the prescribed application form for any of the courses mentioning the name of the course with its Code No.
- b) The category to which the applicant belongs once mentioned on the form is final and no subsequent change shall be allowed. Boxes requiring indication of category, if left, blank will be treated as indicating General Category.
- c) Application forms of candidates, who have submitted forged/fake certificates or adopted fraudulent means, shall be rejected without any reference to the candidate. Further, such candidates are liable to be prosecuted and shall be debarred from appearing in any subsequent Admission Test conducted by FRI Deemed to be University.
- d) Candidates are allowed to appear in the Admission Tests provisionally subject to the final decision of equivalence of degrees/certificates of qualifying examination at the time of admission in the respective courses.
- e) Mere appearance in the admission test will not entitle a candidate to be considered for admission to the course unless he/she fulfills the eligibility conditions. Applicants must fully satisfy themselves about their eligibility as prescribed above, before filling in the application form.
- f) The **Online Remote Proctored Admission Test will be held on 22nd May, 2022.** Time and other information and conditions for test will be indicated in the admit card or with login credentials.
- g) In all matters relating to the Admission Test, the decision of Registrar, FRI Deemed to be University shall be final and binding.
- h) No scrutiny or revaluation of the answer book of the Admission Test shall be allowed on any grounds.
- i) The candidate who wants to apply for more than one course may do so but he/she is required to fill up **separate form and fee @ Rs. 1500/- for each course.** Test for all the courses will be the same.

CANCELLATION OF ADMISSION

REASONS FOR REJECTION OF APPLICATION FORMS

- a) Non-submission of self-attested identical recent photographs at all appropriate places. **(Xeroxed copy/copies of photographs shall not be accepted.)**
- b) Lack of signature of the candidate at any of the appropriate place.
- c) Submission of application form by a candidate after erasing the entries made earlier by another candidate.

FRI Deemed to be University has the right to cancel, at any stage, the admission of a candidate who is admitted to a course to which he/she is not entitled, being unqualified or ineligible in accordance with the rules and regulations in force.

INSTRUCTIONS FOR THE OLIVE REMOTE PROCTORED ENTRANCE TEST

- a) There will be an objective type written test of three hours with questions grouped under the following four sections:
 - I. Basic Sciences including Social Science **(100 questions)**
 - II. Arithmetic and Quantitative abilities, Computational ability, Quantitative reasoning, Interpretation of Tables, Graphs, etc. **(40 questions)**
 - III. General Knowledge and Current Affairs **(30 questions)**
 - IV. English Language, Comprehension, Vocabulary, Grammar, Idioms, etc. **(30 questions)**
- b) Each question will be followed by four alternative answers. The candidate is required to select the one which he/she feels is correct answer. The detail instructions given accordingly. The candidate is advised to go through the instructions.
- c) **There will be negative marking for wrong answer to the extent of one-fourth (1/4) of the marks allotted to the questions.**
- d) In case of any dispute it will be subject to jurisdiction of Dehra Dun court only.

DESCRIPTION OF COURSES OFFERED

M.Sc. Forestry

Programme Objective: Master in Forestry programme aims to provide opportunity to the students wishing to pursue professional careers in the management and policy of forest resources and to make themselves aware about the problems related to forest across the span of urban to rural environments. The syllabus draws from coursework in the natural and social sciences and focuses on the complex relationships among the science, management and policy of forest resources. The structure of the curriculum is designed to synthesis of knowledge in multiple disciplinary exposures in the biological and social sciences. The goal is to prepare students to manage forest resources for various public and

private values within a complex social, political and ecological environment. These professional opportunities can be private or public sector forest management, corporate or consulting, government conservation of forest resources or education. Students are also expected to improve their capacities as leaders and managers through summer internships, professional skills courses and other opportunities.

Programme structure: The Programme consists of courses and other requirements worth a total of 90 credits. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week. Each semester consists of 18 to 20 weeks of academic work equivalent to 90 actual teaching days. The programme structure and respective credits are given below as:

| Programme Structure | Credit |
|----------------------------|---------------|
| Core courses | : 54 |
| Foundation courses | : 5 |
| Elective courses | : 5 |
| Synopsis | : 1 |
| Master's thesis | : 17 |
| Master thesis seminar | : 2 |
| Term paper I | : 2 |
| Term paper II | : 2 |
| Study tour | : 2 |
| Total | : 90 |

Allotment of credits to different courses

FIRST SEMESTER

| Course Code | Course | Credit | |
|--------------------------|--|---------------|------------------|
| | | Theory | Practical |
| Foundation Course | | | |
| FMS 101 | Elements of Mathematics and Statistics | 1 | 1 |

| | | | |
|--|--|---|---|
| FCR 102 | Computer Application, Remote Sensing and GIS | 1 | 1 |
| FOF 103 | Overview of Forestry | 1 | - |
| Core course | | | |
| FBS 111 | Elements of Biological Science | 1 | 1 |
| FFF 112 | Fundamentals of Forest Ecology | 2 | 1 |
| FSC 113 | Silviculture – I | 2 | 1 |
| FGS 114 | Basic Geology and Soil science | 2 | 1 |
| FMB 115 | Forest Mensuration and Biometry | 2 | 1 |
| FHV 116 | Forest Health and Vitality | 2 | 1 |
| FTP 117 | Term Paper I | 2 | - |
| Total credits in first semester: $14^a+8^b+2^c=24$ | | | |

SECOND SEMESTER

| Course Code | Course | Credit | |
|--|--|---------------|------------------|
| | | Theory | Practical |
| Core course | | | |
| FPL 211 | Forest Policy and Law | 2 | - |
| FLM 212 | Landscape Approach to Management | 2 | 1 |
| FRU 213 | Forest Resource Utilization – I (NTFP) | 2 | 1 |
| FFE 214 | Forest Economics | 2 | 1 |
| FFP 215 | Forest and People | 2 | - |
| FRM 216 | Natural Resource Management | 2 | - |
| FSC 217 | Silviculture–II | 2 | 1 |
| FSN 218 | Seed and Nursery Technology | 1 | 1 |
| FTP 219 | Term Paper II | 2 | - |
| Total credits in first semester: $15^a+5^b+2^c=22$ | | | |

THIRD SEMESTER

| Course Code | Course | Credit | |
|--|---|--------|-----------|
| | | Theory | Practical |
| Core course | | | |
| FRM 311 | Resource Survey and Forest Management | 2 | 1 |
| FWD 312 | Wildlife and Eco Development | 2 | 1 |
| FRU 313 | Forest Resource Utilization – II (Wood) | 2 | 1 |
| FGT 314 | Forest Genetics and Tree Improvement | 2 | 1 |
| FFC 315 | Forest Certification | 2 | - |
| FCC 316 | Forest, Society and Climate Change | 2 | 1 |
| FST 317 | Study Tour | 2 | - |
| Elective | | 5 | |
| Total credits in first semester: $12^a+5^b+2^d+5^e=24$ | | | |

FOURTH SEMESTER

| Code | Particulars | Credit |
|----------------|------------------------------|-----------|
| FSY 441 | Synopsis | 1 |
| FMT 442 | Master's thesis | 17 |
| FTS 443 | Master thesis seminar | 2 |
| Total | | 20 |

LIST OF ELECTIVE COURSE

| Course Code | Elective Course | Credit | |
|----------------|--|--------|-----------|
| | | Theory | Practical |
| FGB 321 | Forest Genetics and Biotechnology | 3 | 2 |
| FRG 322 | Remote Sensing and Geographic Information System | 2 | 3 |

| | | | |
|----------------|---------------------------------|---|---|
| FWH 323 | Wildlife and Habitat Management | 3 | 2 |
| FSM 324 | Sustainable Forest Management | 3 | 2 |
| FAF 325 | Agro forestry | 4 | 1 |
| FFP 326 | Forest Pathology | 2 | 3 |
| FFE 327 | Forest Entomology | 2 | 3 |
| EIA 328 | Environmental Impact Assessment | 4 | 1 |
| FPT 329 | Plantation Technology | 4 | 1 |
| PTN 330 | Plant Taxonomy | 2 | 3 |

*a: Theory, b: Practical, c: Term paper, d: Study tour, e: Elective paper.
One lecture credit comprises of one hour teaching of the course in a week, while one practical credit comprises of two hours of practical/assignment work in a week*

Descriptions of Course Code

The courses of M. Sc. programme are divided into four series:

- ❖ 100-series courses pertain to first semester
- ❖ 200-series courses pertain to second semester
- ❖ 300-series courses pertain to third semester
- ❖ 400-series courses pertain to fourth semester
- ❖ Credit for Synopsis, Master's thesis and Master thesis seminar is designated by code no. 441, 442 and 443 respectively

Course code is formulated as:

- First alphabet shows programme
- Second and third alphabet shows course name
- First digit shows semester number
- Second digit shows course type (0= foundation, 1= core, 2= elective)
- Last digit shows course number

M.Sc. Wood Science & Technology

Programme Objective: The Master in Wood Science and Technology programme aims to provide opportunity to the students wishing to pursue professional careers in science and technology of wood as natural resource and to make themselves aware about the problems related to wood as basic material to manufacture various useful products. The structure of the curriculum is designed to synthesize multi-disciplinary knowledge in the biological and physical science of wood and its industrial application. The syllabus comprises of basics of wood anatomy, chemistry, physics, mechanics as well as processing knowledge and techniques to manufacture solid and composite wood products. The programme is designed to improve the qualitative, quantitative and futuristic aspects of students. Students are also expected to improve their capacities as leaders and managers through study tour, industrial attachment and excursions and other opportunities. Human Resource Management and Marketing and Enterprise Development are also the part of syllabus to build their entrepreneurial skills and aptitude.

Programme structure: The programme consists of courses and other requirements worth a total of 90 credits. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week. Each semester will consist of 18 to 20 weeks of academic work equivalent to 90 actual teaching days. The programme structure and respective credits are given below as:

| Programme Structure | Credits |
|----------------------------|----------------|
| Core course | : 59 |
| Foundation courses | : 7 |
| Elective courses | : 5 |
| Master's thesis | : 12 |
| Master thesis seminar | : 2 |
| Study tour | : 2 |
| Industrial Attachment | : 3 |
| Total | : 90 |

Allotment of credits to different courses

FIRST SEMESTER

| Course Code | Course | Credit | |
|--------------------------|---|--------|-----------|
| | | Theory | Practical |
| Foundation Course | | | |
| WOC 101 | Orientation Course (Wood Science, Basic Forestry, Basic Botany) | 2 | .- |

| | | | |
|---|------------------------------------|---|---|
| WCA 102 | Computer Application | - | 1 |
| Core Course | | | |
| WWC 111 | Wood Chemistry | 2 | 1 |
| WWP 112 | Wood Physics - I | 2 | 1 |
| WWP 113 | Wood Physics - II | 2 | |
| WSM 114 | Sawmilling and Saw Doctoring | 2 | 1 |
| WWA 115 | Wood Anatomy- I | 2 | 1 |
| WWA 116 | Wood Anatomy -II | 2 | |
| WEM 117 | Timber Entomology and Microbiology | 3 | 1 |
| Total credits in first semester $17^a + 6^b = 23$ | | | |

SECOND SEMESTER

| Course Code | Course | Credit | |
|--|-------------------------------------|---------------|------------------|
| | | Theory | Practical |
| Foundation Course | | | |
| WSM 201 | Statistics and Research Methodology | 1 | 1 |
| Core Course | | | |
| WTM 211 | Timber Mechanics -I | 2 | 1 |
| WTM 212 | Timber Mechanics -II | 2 | |
| WWP 213 | Wood Preservation -I | 2 | 1 |
| WAD 214 | Composite Wood I - Adhesives | 2 | 1 |
| WPW 215 | Composite Wood II - Plywood | 2 | |
| WWS 216 | Wood Seasoning - I | 2 | 1 |
| WWW217 | Wood Working | 2 | 1 |
| Total Credits | | 15 | 6 |
| Total credits in second semester $15^a + 6^b = 21$ | | | |

THIRD SEMESTER

| Course Code | Course | Credit | |
|---|---------------------------------------|--------|-----------|
| | | Theory | Practical |
| Core Course | | | |
| WWS 311 | Wood Seasoning -II | 2 | 1 |
| WWP 312 | Wood Preservation II | 2 | 1 |
| WWF 313 | Wood Finishing | 2 | 1 |
| WRW 314 | Composite Wood III-Reconstituted Wood | 2 | 1 |
| WLW 315 | Composite Wood IV- Laminated Wood | 2 | |
| WTE 316 | Timber Engineering | 2 | 1 |
| WPD 317 | Products Design and Fabrication | 2 | 1 |
| WST 318 | Study Tour | 2 | |
| WIA 319 | Industrial attachment and Report | 3 | |
| Total credits in third semester = $14^a + 6^b + 2^c + 3^d = 25$ | | | |

FOURTH SEMESTER

| Course Code | Course | Credit | |
|--------------------------|--|----------|-----------|
| | | Theory | Practical |
| Foundation Course | | | |
| WHR 401 | Human Resource Management | 1 | - |
| WME 402 | Marketing and Enterprise Development | 1 | - |
| Elective Courses | | 5 | |
| WFC 421 | Forest Certification and Nano-technology | 5 | - |
| WFJ 422 | Finger Joints for Efficient Wood Utilization | 3 | 2 |
| WVS 423 | Vaccum Seasoning Technology | 3 | 2 |
| WMT 441 | Master 's thesis | 12 | |
| WMS 442 | Master thesis seminar | 2 | |

| | |
|---|-------------------------------|
| Total credits in fourth semester | $2^a + 5^b + 12^f + 2^g = 21$ |
|---|-------------------------------|

a- Theory, b- Practical, c- Study tour, d- Industrial attachment, e- Elective paper, f- master thesis report, g-seminar . One lecture credit comprises of one hour teaching of the course in a week, while one practical credit comprises of two hours of practical/assignment work in a week

Descriptions of Course Code

The courses of M. Sc. programme are divided into four series:

- ❖ 100-series courses pertain to first semester
- ❖ 200-series courses pertain to second semester
- ❖ 300-series courses pertain to third semester
- ❖ 400-series courses pertain to fourth semester
- ❖ Credit for Master's thesis and Master thesis seminar is designated by code no. 441 by 442 respectively.

Course code is formulated as:

- First alphabet shows programme
- Second and third alphabet shows course name
- First digit shows semester number
- Second digit shows course type (0= foundation, 1= core, 2= elective)
- Last digit shows course number

M.Sc. Environment Management

Programme objectives: The programme aims to provide opportunities to the students to make themselves aware about the problems related to environmental concerns and its management. The programme is designed to provide a holistic and integrated approach of learning comprising of classroom lectures, classroom assignments, practical sessions, interactive seminars, field visits, industrial visits, term papers, divisional attachments and master's thesis writing. The course builds and facilitates understanding of the dynamics of environment especially in the context of ecology, forestry, and climate change. Different types of processes, models, plans and techniques related to environmental processes are described and discussed through class room interaction as well as exposures visits to different ecosystems and institutional/industrial arrangements. The students are expected to

get enough exposure for practical solutions to various ecological and environmental problems in the context of today's world.

Programme structure: The programme consists of courses and other requirements worth a total of 89 credits. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week. Each semester will consist of 18 to 20 weeks of academic work equivalent to 90 actual teaching days. The programme structure and respective credits are given below as:

| Programme Structure | | Credits |
|----------------------------|---|----------------|
| Core courses | : | 53 |
| Foundation courses | : | 5 |
| Elective courses | : | 5 |
| Synopsis | : | 1 |
| Master's thesis | : | 17 |
| Master thesis seminar | : | 2 |
| Term paper I | : | 2 |
| Term paper II | : | 2 |
| Study tour | : | 2 |
| Total | : | 89 |

Allotment of credits to different courses

FIRST SEMESTER

| Course Code | Course | Credit | |
|--------------------------|--|---------------|------------------|
| | | Theory | Practical |
| Foundation Course | | | |
| ERG 101 | Remote Sensing and Geographical Information System | 1 | 1 |
| Core Course | | | |

| | | | |
|--|---|---|---|
| EFE 111 | Fundamentals of Ecology | 3 | 1 |
| EEA 112 | Ecosystem Analysis | 3 | 1 |
| EPB 113 | Environment Physics and Biogeochemistry | 3 | 1 |
| ECE 114 | Conservation Ecology | 3 | 1 |
| EIA 115 | Environment Impact Assessment | 3 | 1 |
| ERE 116 | Restoration Ecology | 3 | 1 |
| ETP 117 | Term Paper I | 2 | - |
| Total credits in first semester | | $19^a + 7^b + 2^c = 28$ | |

SECOND SEMESTER

| Course Code | Course | Credit | |
|---|---|---|-----------|
| | | Theory | Practical |
| Foundation Course | | | |
| ESC 201 | Environment Statistics and Computer Application | 2 | 1 |
| Core Course | | | |
| EFM 211 | Forestry for Sustainable Management | 3 | 1 |
| EEM 212 | Environment Microbiology | 3 | 1 |
| EGF 213 | Global Climate Change and Forest | 3 | 1 |
| EDM 214 | Disaster Management | 3 | 1 |
| FFE 214 | Forest Economics | 2 | 1 |
| ETM 215 | Term Paper II | 2 | - |
| Total credits in second semester | | $16^a + 6^b + 2^c = 24$ | |

THIRD SEMESTER

| Course Code | Course | Credit | |
|-------------|--------|--------|-----------|
| | | Theory | Practical |

| Core Course | | | |
|--|---|--|---|
| EPS 311 | Environment Policy, Law and Sociology | 3 | 1 |
| EPM 312 | Environment Pollution Management | 3 | 1 |
| EFC 313 | Forest Certification | 2 | - |
| EST 314 | Study Tour | 2 | - |
| Elective course 5 Credits | | | |
| ENM 321 | Natural Resource Conservation and Management | 4 | 1 |
| EBM 322 | Bio Diversity Monitoring and Management | 4 | 1 |
| EBC 323 | Bio Statistics and Computer Application | 4 | 1 |
| ESM 324 | Solid Waste Management | 4 | 1 |
| EPC 325 | Forest, Society and Climate Change | 4 | 1 |
| ERG 326 | Remote sensing and Geographic Information System- Advance and Application in Environment Management | 4 | 1 |
| EIA 328 | Environment Impact Assessment | 4 | 1 |
| PTN 330 | Plant Taxonomy | 2 | 3 |
| Total credits in first semester | | $8^a + 2^b + 5^c + 2^d = 17$ | |

FOURTH – SEMESTER

| Code | Particulars | Credit |
|----------------|-----------------------|---------------|
| ESY 441 | Synopsis | 1 |
| EMT 442 | Master's thesis | 17 |
| ETS 443 | Master thesis seminar | 2 |
| Total | | 20 |

a- Theory, b- Practical, c- Term paper, d-Study tour, e- Elective paper. One lecture credit comprises of one hour teaching of the course in a week, while one practical credit comprises of two hours of practical/assignment work in a week

Descriptions of Course Code

The courses of M. Sc. programme are divided into four series:

- ❖ 100-series courses pertain to first semester
- ❖ 200-series courses pertain to second semester
- ❖ 300-series courses pertain to third semester
- ❖ 400-series courses pertain to fourth semester
- ❖ Credit for Synopsis, Master's thesis and Master thesis seminar is designated by code no. 441, 442 and 443 respectively

Course code is formulated as:

- First alphabet shows programme
- Second and third alphabet shows course name
- First digit shows semester number
- Second digit shows course type (0= foundation, 1= core, 2= elective)
- Last digit shows course number

M.Sc. Cellulose & Paper Technology

Programme objectives: The academic programme emphasizes on skills in multidisciplinary and advance education in cellulose and paper sciences. Programme includes courses in modern areas of applied paper science, industrial processing and paper technology. During the university's educational programme at Masters level, the students receive adequate exposure of theoretical and practical aspects of cellulose and paper technology and gain competence in a distinctive set of skills to lead in paper industry. The course is also ideal for engineers and scientists currently working in the industry who wish to retrain and refresh in a new field. The current demand for pulp and paper experts indicates that this programme will be in high demand in the near future.

Programme structure: The programme consists of courses and other requirements worth a total of 91 credits. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week. Each semester will consist of 18-20 weeks of academic work equivalent to 90 teaching days. The programme structure and respective credits are given below as:

| Programme Structure | Credits |
|----------------------------|----------------|
| Core courses | : 77 |

| | | |
|--------------------|---|----|
| Foundation courses | : | 3 |
| Project work | : | 8 |
| In Plant training | : | 3 |
| Total | : | 91 |

Allotment of credits to different courses

FIRST SEMESTER

| S. No. | Course Code | Course | Credit |
|---|-------------|---|--------|
| Foundation course | | | |
| 1. | PP-111 | Basic Forestry | 3 |
| Core Course | | | |
| 2. | PP-112 | Paper Industry and Fibrous Raw Materials | 4 |
| 3. | PP-113 | Pulping | 4 |
| 4. | PP-114 | Elements of Mechanical and Electrical Engineering | 4 |
| 5. | PP-115 | Washing of pulp | 3 |
| 6. | PP-116 | Practical | 5 |
| Total credits in first semester : 23 | | | |

SECOND SEMESTER

| S. No | Course code | Course | Credit |
|---|-------------|--|--------|
| Core Course | | | |
| 1. | PP-121 | Refining, Beating and Chemical Additives | 4 |
| 2. | PP-122 | Paper Machines-I | 4 |
| 3. | PP-123 | Paper Machines-II | 3 |
| 4. | PP-124 | Papermaking Chemistry | 3 |
| 5. | PP-125 | Screening and Cleaning | 3 |
| 6. | PP-126 | Practical | 5 |
| Total Credits in second semester: 22 | | | |

THIRD SEMESTER

| S. No | Course code | Course | Credit |
|--|-------------|-----------------------------|--------|
| Core course | | | |
| 1. | PP-211 | Chemical Recovery | 4 |
| 2. | PP-212 | Bleaching Technology | 4 |
| 3. | PP-213 | Material and Energy Balance | 4 |
| 4. | PP-214 | Specialty Paper | 3 |
| 5. | PP-215 | Secondary Fibre Technology | 4 |
| 6. | PP-216 | Practical | 5 |
| Total Credits in third semester: 24 | | | |

FOURTH SEMESTER

| S. No | Course code | Course | Credit |
|---|-------------|---------------------------------|--------|
| Core course | | | |
| 1. | PP-221 | Paper Properties | 3 |
| 2. | PP-222 | Environmental Pollution Control | 3 |
| 3. | PP-223 | Project Work | 8 |
| 4. | PP-224 | In Plant Training | 3 |
| 5. | PP-225 | Practical | 5 |
| Total Credits in fourth semester: 22 | | | |

FEES AND DEPOSITS

The fees is to be paid by a student to the Registrar, FRI Deemed to be University, Dehradun through Bank Draft payable at Dehradun only. **A marginal upward revision of the fee is under active consideration of the University.**

M.Sc. Courses:

i) General Seats:

Tuition fee Rs. 96,000/- payable in four equal installments of Rs.24,000/- each.

(Fee may likely to enhance from New session 2022)

ii) Foreign National Seats:

Tuition fee 3000 US \$ payable in four equal installments of 750 US \$ each.

First installment fee will be paid at the time of admission and rest fee at the beginning of each semester.

Fee once paid will not be refunded under any circumstances.

Besides course fee they have to pay students club, sports and magazine, Library, Degree, Electricity/water, Hostel fees etc. as per schedule fixed by the Institute. The student who will be allotted hostel have to pay hostel fees as per schedule.

a) Caution Money:

Rs. 3,000/- is payable at the time of admission. The caution money will be refunded on completion of the course after making deductions, if any.

The breakup of fee chargeable from students is as follows:-

**Fee Structure of M.Sc. Forestry, Environment Management and
Wood Science & Technology Courses of FRI Deemed to be University**

1st Semester at the time of admission

| Sl. No. | Item | Revised Fee (in Rs.) |
|--------------------------------|--|-------------------------|
| 1 | Admission Fee | 4000.00 |
| 2 | Misc. Fee/Sports / Cultural Fee (at the time of admission) | 2500.00 |
| 3 | Degree Fee (at the time of admission) | 200.00 |
| 4 | Tuition Fee per semester | 24000.00 |
| 5 | Hostel charges per semester Double occupancy | 3000.00 |
| 6 | Electricity, Water & Other maintenance per semester | 1200.00 |
| 7 | Library/Teaching aid per semester | 1000.00 |
| 8 | Caution Money (refundable) one time | 3000.00 |
| 9 | Semester Exam Fee M.Sc./PGD/PMD courses | 1000.00 |
| 10 | Study Tour/Field Excursion Fee | 500.00 |
| | Total | 40400.00 |
| 2nd Semester | | |
| 1 | Tuition fees per semester | 24000.00 |
| 2 | Hostel charges per semester Double occupancy | 3000.00 |
| 3 | Electricity Water & Other maintenance per semester | 1200.00 |
| 4 | Library/Teaching aid per semester | 1000.00 |
| 5 | Semester Exam Fee M.Sc./PGD/PMD courses | 1000.00 |
| 6 | Study Tour/Field Excursion Fee | 500.00 |
| | Total | 30700.00 |
| 3rd Semester | | |
| 1 | Tuition fees per semester | 24000.00 |
| 2 | Hostel charges per semester Double occupancy | 3000.00 |
| 3 | Electricity Water & Other maintenance per semester | 1200.00 |
| 4 | Library/Teaching aid per semester | 1000.00 |
| 5 | Semester Exam Fee M.Sc./PGD/PMD courses | 1000.00 |
| 6 | Study Tour/Field Excursion Fee | 8000.00 |
| | Total | 38200.00 |
| 4th Semester | | |
| 1 | Tuition fees per semester | 24000.00 |
| 2 | Hostel charges per semester Double occupancy | 3000.00 |
| 3 | Electricity Water & Other maintenance per semester | 1200.00 |
| 4 | Library/Teaching aid per semester | 1000.00 |
| 5 | Semester Exam Fee M.Sc./PGD/PMD courses | 1500.00 |
| | Total | 30700.00 |

Note:- Above Semesters Fee is likely to be enhanced from Session 2022

**Fee Structure of M.Sc. Cellulose & Paper Technology Course of
FRI Deemed to be University**

1st Semester at the time of admission

| Sl. No. | Item | Revised Fee (in Rs.) |
|---------|--|-------------------------|
| 1 | Admission Fee | 4000.00 |
| 2 | Misc. Fee/Sports / Cultural Fee (at the time of admission) | 2500.00 |
| 3 | Degree Fee (at the time of admission) | 200.00 |
| 4 | Tuition Fee per semester | 24000.00 |
| 5 | Hostel charges per semester Double occupancy | 3000.00 |
| 6 | Electricity, Water & Other maintenance per semester | 1200.00 |
| 7 | Library/Teaching aid per semester | 1000.00 |
| 8 | Caution Money (refundable) one time | 3000.00 |
| 9 | Semester Exam Fee M.Sc./PGD/PMD courses | 1000.00 |
| 10 | Study Tour/Field Excursion Fee | 500.00 |
| | Total | 40400.00 |

2nd Semester

| | | |
|---|--|-----------------|
| 1 | Tuition fees per semester | 24000.00 |
| 2 | Hostel charges per semester Double occupancy | 3000.00 |
| 3 | Electricity Water & Other maintenance per semester | 1200.00 |
| 4 | Library/Teaching aid per semester | 1000.00 |
| 5 | Semester Exam Fee M.Sc./PGD/PMD courses | 1000.00 |
| 6 | Study Tour/Field Excursion Fee | 500.00 |
| | Total | 30700.00 |

3rd Semester

| | | |
|---|--|-----------------|
| 1 | Tuition fees per semester | 24000.00 |
| 2 | Hostel charges per semester Double occupancy | 3000.00 |
| 3 | Electricity Water & Other maintenance per semester | 1200.00 |
| 4 | Library/Teaching aid per semester | 1000.00 |
| 5 | Semester Exam Fee M.Sc./PGD/PMD courses | 1000.00 |
| 6 | Study Tour/Field Excursion Fee | 500.00 |
| | Total | 30700.00 |

4th Semester

| | | |
|---|--|-----------------|
| 1 | Tuition fees per semester | 24000.00 |
| 2 | Hostel charges per semester Double occupancy | 3000.00 |
| 3 | Electricity Water & Other maintenance per semester | 1200.00 |
| 4 | Library/Teaching aid per semester | 1000.00 |
| 5 | Semester Exam Fee M.Sc./PGD/PMD courses | 1500.00 |
| | Total | 30700.00 |

Fee payable at the time of admission (with double occupancy) Rs. 40,400.00

Note:- Above semesters fee is likely to be enhanced from Session 2022.

HOSTEL RULES

Subject the general control of the Academic Council, the following Ordinances and Regulations shall regulate the maintenance of discipline among the students residing in the Hostels. The hostel facility is normally provided all the students subject to availability.

INSTITUTE HOSTELS

1. Residence

- 1.1 Students may be admitted to the Institute Hostel, according to the criteria laid down (vide Appendix – I) for the purpose and in accordance with the accommodation available for residence.
- 1.2 The Institute hostels should be totally vacated for a period of one month preferably in June, every year to enable the administration to attend to the maintenance and other associated matters of the hostels. However, if the presence of certain research students is considered essential then they may be accommodated in one hostel.
- 1.3 Students failing to secure a seat in a hostel are required to make their own arrangement and intimate to the registry address of their residences.

For the purpose of the above Regulation the term “Guardian” shall mean the legal guardian of the student, if one has been appointed or as an alternative a near relative if any, of responsible age provided that the guardian so declared shall sign a declaration of his relationship if any, with the student and shall execute a bond indicating that he shall be responsible for the good behavior of the student.

2. Disciplinary Control

- 2.1 Every student living in a hostel (city campus) will be subject to the disciplinary control of the Registrar/Warden / Dean or any officer appointed by the Director, as the case may be. The Director shall constitute a Disciplinary Committee which will deal with all matter arising out of indiscipline and misconduct in the hostels.
- 2.2 An officer appointed by the Director shall with the cooperation of warden deal with all cases of indiscipline of students.
- 2.3 So long as the student is on the role of the Institute he/she shall be subject to the disciplinary control of the Institute authorities.

3. Rules of Residence

- 3.1 Students residing in the hostel, shall not absent themselves except under condition prescribed under regulation and shall follow the rules laid down under these regulations.
- 3.2 (a) A boy boarder is required to return by 8:00 p.m unless he has taken permission of the concerned warden.

- (b) A girl boarder is required to return by 7:30 p.m (from September to February) and 8.00 p.m (from March to August) unless she has taken permission from the concerned warden.
- 3.3 No boarder shall leave the hostel or remain outside Dehra Dun when the Institute is open and course under which he has taken admission is running except with the written permission of the warden. Permission shall be given by the warden only when the student concerned has obtained leave from Course Coordinator.
- 3.4 Unless the permission of the warden has been received no boarder shall leave hostel except in an emergency. In the later case he shall inform the warden at the earliest and seek his permission.
- 3.5 Students going out on authorized tours excursion, etc, shall inform the warden in writing, stating that they have been permitted by the Course Coordinator/Dean /Director to go on such tours excursion, etc. for a specific period. The permission must be taken before they leave the hostel.

4. Extra – Curricular Activities

- 4.1 Apart from the official organizations approved by the Institute, students residing in the hostel with the permission of the Director organize Societies and Association for healthy promotion of their academic cultural, athletic and social welfare activities.
- 4.2 The Societies and Associations for promoting the academic cultural and other activities of the inmates of the hostel shall be subject to the guidance and control of the warden. On the recommendations of the warden the names of such Associations or Societies along-with their constitutions shall be forwarded to the Registrar as soon as possible for getting recognition by the Academic Council / Board of Management as the case may be.
- 4.3 For any functions in the hostel in respect of the Associations / Societies use of loudspeaker shall not be permitted.
- 4.4 Students shall not hold any meeting or organize any activity in the hostel without the written permission of the warden.
- 4.5 In all function and meeting organized in the Institute student shall maintain due decorum. Such student as are found to create disturbance or to disobey any instruction given to them shall be liable to disciplinary action as per Appendix-2

5 Accommodation of Guests

No boarder residing in hostel shall accommodate a guest in his/her room.

6 Boarder in Women’s Hostel

- 6.1 Women students residing in the Women’s hostel are required to return as per time given at 3.2 clause unless specially permitted by the warden.

6.2 Women Students residing in the Women's hostel shall be allowed to meet the visitors in the visitors room only from 5:00 p.m. to 6:30. p.m.

6.3 No Women student residing in the Women's hostel shall accommodate guests in her room.

7. **Power of Enquiry from Students**

Every Officer/Scientist and other members of the staff have the power of demanding from the students their identity card and such other information as may be desired by him/her. Students failing to provide the correct information shall be liable to disciplinary action as per Appendix-2.

8. **Penalty for Violation**

For any contravention of the Ordinances/Rules relating to discipline misconduct or moral turpitude the guilty students shall be liable to such punishment as is provided for in the rules. Punishment for any omissions or commissions or for breach of discipline or any misconduct shall be awarded in accordance with the rules mentioned in Appendix-2.

1.1 In case of serious misconduct, the name of the students shall be entered in the conduct book maintained with the warden. If the name of the student has been entered thrice in the conduct book for misconduct the student shall be liable to expulsion from the hostel under the order of the Director.

1.2 Students found guilty of misconduct in the Institute are liable to be denied hostel facility.

1.3 For act of indiscipline and or misconduct student may be fined by the warden upto a limit of Rs. 200/-.

9 **Articles Permitted/Prohibited in the room**

9.1 Every border shall be provided at least the following articles

| | | |
|---|------------|-------|
| 1 | Takhat/Cot | (one) |
| 2 | Mattress | (one) |
| 3 | Table | (one) |
| 4 | Chair | (one) |

9.2 Use of the heater, induction or any other electrical appliances by a boarder is not permitted.

9.3 Students desirous of keeping costly items may do at their own risk.

9.4 Students shall not be permitted to keep even licensed firearms, knives contraband material, etc, in the hostel room under any circumstances whatsoever. A breach of this regulation will lead to the expulsion of the student from the hostel without any enquiry.

9.5 Students shall not be permitted to use any hallucinogenic drug or alcoholic drinks. Even possession of these prohibited articles will render them to severe disciplinary action vide Appendix-2

10 Invitation to guests for inaugural and other functions

- 10.1 Students of the Institute may invite any person from outside the Institute for inaugural and other functions of the Societies, Associations, and Students function etc. after obtaining prior permission of the warden.

11 Breach of general rules of the Institute

- 11.1 Students of the Institution shall abide by the general rules of traffic, health, sanitation, messing extra curricular activities and security of property which may be announced by the Institute from time to time. Any breach on their part will render them liable to such disciplinary action as may be taken by the Institute vide Appendix-2. Wearing of helmet is compulsory in the campus.

12 Violation of general Laws of the land

- 12.1 All cases of indiscipline amounting to violation of the law of the land, shall be reported to the Registrar / Director who may after preliminary enquiry handover the student concerned to the police for instituting case in a Court of Law.

13 Saving Clause

- 13.1 Any question of discipline not covered by these rules and other rules framed by the Academic Council shall be dealt with by the Director.

Appendix – I

CATEGORY OF BOARDERS / RESIDENTS IN A INSTITUTE HOSTEL AND PERIOD OF THEIR STAY

1. Ph.D. Research Scholars
 - 1.1 Residence facility - 4 years with effect from the date of registration or till submission of thesis, whichever is earlier.

It may be extended for one year in two installments of 6 months each on recommendation of the Supervisor / Head of the Division. However no extension will be given after the submission of thesis.
2. Other bonafide Students
 - 2.1 Only such students who have joined a regular Post – graduate Degree & other courses in the Institute shall be eligible for hostel accommodation. The period of allotment though renewable every year, shall not exceed the period of the course to which a student has been admitted.
 - 2.2 Students, who have been expelled rusticated or are under suspension for various act (s) of indiscipline during the course of their studentship, shall not be considered for allotment of seats in the hostel.

- 2.3 Unauthorized occupants will be expelled from the hostel by the warden. It is equally the responsibility of the hosteller to see that no guest stays in his room. If they persist in disobeying the orders then they are likely to be subjected to severe disciplinary action including rusticated for a specified period or even expulsion from the Institute.
- 2.4 Defaulters in payment of fees will be liable for cancellation of their allotment in the hostel (vide appendix-2)
- 2.5 It shall be necessary for the boarders of the hostel to fulfill the requirement of attendance in the classes as laid down in the regulations. Boarders are liable to loose their hostel seats if they do not fulfill the attendance requirement as stated above (vide appendix -2)
- 2.6 Not withstanding the period of stay mentioned above at various level, no students of the Institute should be allowed to stay in the hostels of the Institute for a total period exceeding 7 (seven) years. Ordinarily it implies 2 years of post graduate course and maximum of 5 years of Ph.D. Programme but will depend on the duration of the courses run in the Institute.
- 2.7 No students of the Institute shall have the right to stay in the same room in the next academic session. In the beginning of each academic session fresh allotment of accommodation will be made on production of No Dues Certificate.

ATTENDANCE RULES

1. A student has to attend 75% of the lectures delivered and 75% of the practical held separately for each course in each semester.
2. The duration of Industrial attachment/dissertation/thesis works/study tour have to be accounted separately for 75% attendance.
3. The attendance of a student shall be counted from the date of his/her admission, while in the case of promoted student, attendance shall be counted from the date on which respective classes begin.

STUDENTS WELFARE ACTIVITIES

- The Institute provides basic medical facilities to its students.
- Hostel accommodation is available in the Institute. However, the admission to the Institute does not entitle a student to hostel accommodation automatically.
- The facilities for indoor games and common room/Gym are provided to the hostlers.
- Institute library facilities are available to the students.
- For hostel accommodation the students have to apply separately after taking admission in the FRI Deemed to be University.

UNIFORM

Boys

Maroon Blazer with FRI logo on the chest pocket of the Blazer (**In Winters**)
 White shirt (Full sleeves)
 Tie ; Brick Red with Diagonal pair of white strips and FRI Logo
 Trouser : Black
 Shoes: Black Leather shoes

Girls

Maroon Blazer with FRI logo on the chest pocket of the Blazer (**In Winters**)

Saree : Cream colour with Red Border of about two inches .

Blouse: Red colour with half sleeves

Shoes: cream colour bellies

ACCIDENTS DURING STUDY PERIOD

The FRI Deemed to be University does not accept any liability in case of any injury caused due to any accident during the duration of the course.

DISCIPLINARY ACTION

Non conformity or infringements of the rules and regulations in force shall render a student liable to disciplinary action which may extend to expulsion of the student from the course and forfeiture of the deposits and fee already paid by him/her.

IMPORTANT DATES

| | |
|--|-----------------------------------|
| Opening date of downloading the application form from | 8th Feb., 2022 |
| Last date of submission of complete application form | 19th April,2022 |
| Date of Online Remote Proctored Admission test | 22nd May,2022 |
| Date of 1st counseling | 04th July, 2022 |
| Date of 2nd counseling | 07th July, 2022 |
| Date of starting new session | 12th July, 2022 |

❖ In case there is any change in the date of examination for some unforeseen reasons, the University will issue related notice in the website www.fridu.edu.in .