National Diploma in Dairy Technology
INFORMATION BULLETIN
2013-14

NATIONAL DAIRY RESEARCH INSTITUTE
(Deemed University)
(ICAR), Karnal-132001 India
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National Dairy Research Institute, Karnal enjoys the status of Deemed University vide Gazette of India Part-I Notification No. F.9-15/85-U.e dated 28th March, 1989 issued by the Govt. of India, Ministry of Human Resource Development (Deptt. of Education)
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NATIONAL DAIRY RESEARCH INSTITUTE
1.0 INTRODUCTION

1.1 National Dairy Research Institute, Deemed University (here-in-after referred to as the Institute), serves as the prime centre for Research, Extension and Manpower Development Programmes of the country in the field of Dairying. The Institute has developed from the erstwhile Imperial Institute of Animal Husbandry and Dairying established at Bangalore in 1923. The main campus of NDRI is now located at Karnal in Haryana State. It has two regional stations: Southern Regional Station at Bangalore and Eastern Regional Station located at Kalyani (West Bengal).

1.2 Objectives of the Institute

1.2.1 Dairy Education: Organizing and conducting programmes both at the undergraduate and post-graduate levels in various branches of dairy science to meet manpower needs of the country.

1.2.2 Study of Dairy Production: Research on livestock nutrition, growth, reproduction, physiology, genetics/breeding and management to produce milk efficiently and economically.

1.2.3 Study of Milk and its Processing: Chemistry, microbiology, quality control and technology of milk and milk products, design and development of dairy equipment.

1.2.4 Study and survey of Economics, Management and Extension: Economics of milk production and processing under farm and field conditions; dissemination of new technologies to farms and industry.

1.2.5 Training and Demonstration: Organizing short period training programmes and demonstration of package of practices for field applications.

1.2.6 Collaboration: Collaborating with national and international research and training institutions in dairying and allied fields for exchange of information and advancing new knowledge, both in basic and applied fields of dairy science.

1.3 Location and climate

1.3.1 National Dairy Research Institute is located on the northern outskirts of Karnal city in Haryana, on the National Highway No. 1, about 125 km North of Delhi. It is well connected by road and rail being on the main trunk route connecting Delhi with Amritsar and Chandigarh.

1.3.2 The elevation of Karnal is 250 meters, above mean sea level, latitude 29.43 N and longitude 77.2 E. Minimum temperature falls to near freezing point in winter and maximum goes up to 45°C in summer. The annual rainfall is about 70 cm.

1.4 Organization

1.4.1 The Director is the administrative Head of the Institute and its regional stations. He is assisted by three Joint Directors in administration, coordination of academic, research and extension activities of various divisions and regional stations.

1.4.2 Various research, academic and consultancy activities of the Institute are organized in

1.5 Facilities in Education

There are modern facilities for delivery of lectures as the classrooms are provided with internet & multimedia gadgets. Each Division has well equipped UG & PG Laboratories for conduct of practical classes. For Post-graduate research work, well equipped specialized laboratories are available in different Divisions. Most of the faculty have international exposure and possess degrees earned from reputed Indian and foreign universities. Additionally subject-matter specialists from different countries of the world come to the Institute as consultants on teaching/research/assignments. The teaching curricula are periodically updated keeping in view of the recent scientific developments and to fulfill the needs of the fast developing dairy industry. Centres of excellence in milk production, milk processing and biotechnology have been established at the Institute under the financial assistance from UNDP/ICAR/DBT. The Institute has seven hostels with modern facilities, of which two are exclusively for girl students. Married students are also provided with separate hostel facilities. An International Hostel is also available for the students coming from abroad.

The Institute maintains a Livestock herd having about 1600 animals consisting of different breeds of cattle (Karan Swiss, Karan Fries, Tharparkar, Sahiwal), Murrah buffaloes and goats. The animals are being maintained and fed as per standard scientific practices. Several programmes are being carried out for attaining higher productivity per animal. Modern State of Art Milking Parlours – Flat Barn and Vario-Tendom systems have been commissioned for efficient and clean milk production. The average production of milk per day in the Cattle Yard varies between 3500 and 4500 liters during different months. The animals are managed under loose housing system. the elite cows and buffaloes, the State of Art shelter system with facilities of individual animal feeding and data recording are available. A fodder farm of approximately 400 hectares supplies fresh green fodders like To manage Maize, Cowpea, Berseem and Oats. A well equipped workshop is available for maintaining the farm equipment and machinery. Model dairy units for demonstration of package of practices with high producing dairy cows and buffaloes are also maintained for the benefit of farmers and trainees.

1.6 Facilities in Dairy Production

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1.7 Facilities in Milk Processing

A well equipped dairy plant for handling 10,000 litres milk per day was installed in 1962 and renovated in the year 1984. Basic equipments are available for processing different types of milk, fat rich products, indigenous milk products, condensed and dried milk products, various types of cheese and fermented milk products. Facilities are available for the product development and to give practical training to the students for familiarizing them with the operational aspects of a commercial dairy. During the year 1989 a Revolving Fund Scheme was introduced in Experimental Dairy under AP cess Fund Project by the Ministry of Agriculture. In the year 2004, Experimental Dairy has been granted International Standards Certification for its quality and Food Safety Policy i.e. ISO 9001:2000 HACCP-15000. In March 2010, Experimental Dairy has been certified for ISO 9001:2008 & HACCP 15000.

1.8 Model Dairy Plant

With the objective of providing facilities for imparting in-plant training to the students of NDRI Deemed University, a commercial dairy has been established in the campus of NDRI under the auspices of Operation Flood Programme. The dairy plant has State of the Art Facilitates for various processes. The plant has been designed to handle 60,000 liters of milk per day with a capital investment of Rs.11 crore. In the first phase of the project, the dairy plant is equipped with facilities for processing and packing of market milk, ice cream and ghee. During the second phase, facilities for condensing and drying operation would be added. Students of NDRI are trained in the various operations in the plant so that they get necessary exposure of managing the manufacturing operations under commercial environment. This gives them necessary skills and self confidence to manage middle level managerial positions in the dairy industry.

1.9 Consultancy Services

In pursuance of the policy of Government of India which lays stress on the development of domestic technology and its effective transfer to the industry, a Consultancy Processing Cell (CPC) has been constituted. The reservoir of technology developed on the basis of R&D work done at the Institute is transferred for the infusion of science and technology in the area of Dairy Production, Dairy Processing and Dairy Management on professional basis through the consultancy services. The CPC extends help for strengthening the dairy industry in the country by providing R&D support towards new product/process development, equipment development, problem solving research and also undertakes sponsored research programmes. The consultancy services
are also provided for the preparation of techno-economic feasibility reports for new projects, vetting of project proposals received through financial institutions, testing of dairy products for export/import etc. Specialized training programmes are also conducted at this Institute from time to time for imparting training to the students entrepreneurs. The revenue earned through the consultancy services is utilized for strengthening the R&D infrastructure of the Institute.

1.10 National Library in Dairying

The Institute Library has an impressive collection of literature on Dairy Science and related subjects. More than 200 periodicals are subscribed to keep track of the current scientific/technical developments. There are 89,451 volumes which includes 51,045 books, 32,457 bound journals, 4,186 theses, 268 microfiches, 1,500 CDs. Library has an excellent computer section having fifty workstations for students and staff of the Institute. Students use these to get current information in the advanced research areas and for communication. The Library also provides Internet, Email, Documentation, Reference, Current Awareness Services, CD-ROM Literature scanning through CD-ROM of CAB Abstracts, Food Science Technology Abstracts, AGRIS, Derwent Biotechnology Abstracts, Indian Standards on CD-ROM and ISO Standards of milk and dairy products on CD-ROM.

The Library also provides Photocopying, Document Scanning and Printing facility. Computerised Issue-Return and reservation of books is done by using LIBSYS Library software Packages with Web OPAC.

The Library of NDRI is an active partner of NAIP Sub-project “Strengthening of Digital Library and Information Management under NARS (errant)”. The project has major mandate to have a union catalogue of all participating libraries with integration/collaboration of Online Computer Library Center (OCLC). In this project the participating libraries are to uploaded their catalogue/database of all the available books journals and other resources on OCLC platform in MARC21 format. Presently 45,000 catalogue records of Library, NDRI available on World Cat.

In view of non-standard formats, data conversion issues and other limitations in existing Libsys Library management system and advance features and compliance to international standards of Koha-LMS, NAIP approved additional funds of Rs. 2 lakhs for implementation of Koha under the grant sub-project. Library has successfully migrated catalogue records of books (46184), Theses (3663), Standards (2981), Annual reports (1001) and pamphlets (1500) etc. except Hindi books and periodicals. At present, library is in process of migration of periodical records and currently received literature.

1.11 Computer Facilities

Computer Centre is a central facility to provide computational support and training to the scientists, students, research scholars and the administration. There is a well established Computer Laboratory
equipped with latest computer systems together with laser printers. The computer systems support FORTRAN, C, C++ and Visual Programming languages. A large number of software packages such as LIMDEP, LSML-76, MATLAB, MS-Office 2003/2007, MySQL Server 2008, SAS 9.2, SPSS 18, SYSTAT, TORA, etc., are available in different environments, i.e., LINUX, Windows/Windows Server (98, 2000, 2008, XP, NT).

The Agriculture Research Information System (ARIS) cell established with the help of ICAR is fully functional with the internet and e-mail connectivity through National Knowledge Network (NKN) node (1gbps) provided by the National Informatics Centre (NIC) Govt. of India and through leased line provided by ERNET India Ltd. The Institute has a Local Area Network (LAN) connecting all the divisions/sections through optical fiber/UTP cable to cover the main building and ADSL switches for distantly located buildings, providing connectivity to all the Scientists, Technical/ Administrative Officers/ Students.

Student hostels are also connected to Institute LAN through Wi-Fi network to enable the students to access internet and library resources round the clock.

ARIS cell is also undertaking the implementation of ICAR sponsored programs like Personnel Management Information System (PERMISNet), National Information System for Agriculture Education Network (NISAGENet), Project Information Management System (PIMSNNet) and Intelligent Reporting System (IRS), etc. A video conferencing facility is also operational at the Institute.

The Institute has a Student’s Counseling and Placement Cell, to which a senior faculty member acts as Chairman. The main objective of the Cell is to collect and disseminate the information related to the job opportunities in private and government sectors and to invite various organizations for campus interviews. Student’s counseling is also done at times of the advancement of their career in respective subject matter/ discipline areas. The university has a very impressive track record of placement in highly competitive professions both within and outside the country.

1.12 Technology Business Incubator

Technology Business Incubator has been established at NDRI, Karnal with the broad objective of promoting knowledge-based and innovation-driven dairy enterprises in the country. NDRI-TBI has state of the art start-up friendly infrastructure, with common
resource sharing arrangement to support budding entrepreneurs among students and technocrats from all over the country. The Centre has full time management team that has extensive experience in entrepreneurship, product development, and marketing, securing venture capital funding and organizational development.

### 2.0 REGIONAL STATIONS

#### 2.1 Southern Regional Station

2.1.1 Southern Regional Station of NDRI is located in Adugodi, Hosur Road, National Highway No.7 about 7 Km far from Bangalore City and Cantonment Railway Stations. Bangalore is well known for its salubrious climate with the maximum temperature at around 37°C and minimum temperature at about 8°C. The average rainfall of the city is about 100 cm per year.

2.1.2 The Campus is engaged in research, teaching, training, transfer of technology and consultancy activities through following sections: Dairy Chemistry & Microbiology, Dairy Technology, Dairy Engineering, Dairy Production, Education & Training, Economics and Extension.

2.1.3 The Campus has the necessary infrastructure needed for milk production, processing of milk, transfer of technology and to impart education and training. The fodder farm of 24 hectares raises high yielding fodder crops round the year for a herd of about 250 animals. The experimental dairy plant has the capacity to process 1000 lit. of milk/day. A variety of dairy products are manufactured and sold through the milk parlour. The library holds 12329 books, 10,252 bound volumes, 1,053 thesis and 1,259 reprints and subscribes for various Indian and Foreign Journals relevant to various disciplines of dairy science through CERA in addition to subscription for hard copies of about 30 Indian Journals. The Campus has good hostel and guest house facilities for the students and visitors. The staff dispensary meets the medical needs of the staff and students.

2.1.4 Post graduate programmes in Dairy Technology & PG and Ph.D programmes in Dairy Engineering, and dissertation in postgraduate and Ph.D programmes in various disciplines of dairying are offered at this Campus. Further, a number of short term training courses on Milk Production, Processing and Quality Control of Milk and Dairy Products are also being offered.

#### 3.0 ACADEMIC PROGRAMMES

The following educational programmes are being offered at NDRI, Karnal and/or its Regional Station, Bangalore:

1. B.Tech. (Dairy Technology) (only at NDRI Karnal)
2. Master’s Programme
3. Doctor of Philosophy
4. National Diploma (Dairy Technology) (Only at SRS of NDRI, Bangalore)
3.1 NATIONAL DIPLOMA IN DAIRY TECHNOLOGY (DAIRY TECHNOLOGY)

3.1.1 National Diploma in Dairy Technology (NDD) will be offered from the year 2013 at Southern Regional Station of the Institute, Bangalore. This diploma programme offers intensive training in dairy processing and quality control of milk and dairy products, engineering aspects of dairy processing equipments and dairy business management.

3.1.2 The duration of the ND (Dairy Technology) is three years. The course is run under semester system. One academic year consists of two semesters each of about 18 weeks duration. The students are given one semester In-plant Training in a Commercial Dairy Plant.

3.1.3 The candidate must have passed 10th Standard Examination of the Central Board of Secondary Education or any other examination within scope and standard found to be equivalent to the Secondary School Examination of an Indian University/Board after a period of 10 years of study. Candidate must have passed the qualifying examination as enumerated above securing not less than 50% of the total marks for General, OBC and UPS categories and 40% of the total marks for SC/ST, Physically handicapped and in-service categories.

3.1.4 Admission shall be made on the basis of merit through All India Entrance Examination conducted by the National Dairy Research Institute, Karnal.

3.1.5 One who is appearing for 10th examination in the year 2013 can also apply subject to his/her producing 10th passing certificate on the date of counseling.

4.0 PROCEDURE FOR APPLICATION

4.1 Eligibility

Candidates having passed their 10th Standard or equivalent examination are eligible to apply for the Entrance Examination for ND (DT). The candidates due to appear for the final examination in 2013 may also apply for the Entrance Examination provided they complete the examination and obtain the results on or before 31st July 2013.

The candidates must have secured at least 50% marks for General and OBC categories and 40% for SC/ST, PH and in-service candidates categories.

4.2 Application

(1) Application for admission shall be made in the prescribed form meant for the purpose.

(2) The application form bears a serial number at the top left corner on page 1. This number, must be quoted in all correspondence regarding admission to this Institute.

(3) All correspondence for admission of should be addressed to the Joint Director (Academic), National Dairy Research Institute.
Institute, Karnal-132001 (Haryana). For all important dates please see important instructions on the back of cover page.

(4) In order to obtain acknowledgement for the receipt of the application by the Institute, candidates are advised to send their applications by registered post, acknowledgement due in the envelop attached with the application form.

(5) Application for admission must be completed in block letters. All entries in the application form must be filled up and attested copies of the following certificates and documents (original certificate should not be sent with the application form) are to be attached, failing which the application is liable to be rejected.

(a) Certificate for date of birth.

b) Certificate of 10th standard examination or its equivalent examination passed.

c) Mark list indicating percentage of marks in each subject, total marks and class obtained, etc. of 10th examination passed.

d) A certificate from Head of the Institution indicating the marks/division obtained at the 10th Standard examination passed.

e) In case of SC/ST and OBC candidate, a certificate as per Annexure II & III from a First class Magistrate of a District/Competent Authority indicating that the candidate belongs to a particular category. Application without such certificate will be considered against unreserved seats only.

f) Three recent passport size photographs duly attested should be affixed at appropriate place on the Application/Admit Card.

(6) All original certificates and marks sheets are to be produced at the time of registration. Candidates who do not produce all the original certificates and mark sheets will not be admitted.

(7) If a candidate willfully furnishes wrong information or suppresses any relevant information, his/her candidature/admission will automatically stand cancelled.

(8) Roll Nos and centre of examination of the eligible candidates will be displayed on NDRI website (www.ndri.res.in) on 10-06-2013. No dispatch of admit card shall be made. Therefore, all candidates are advised to visit the NDRI website and note down the roll no. on their admit cards and bring it with them to appear in the examination.

(9) Candidates are advised to retain a photocopy of the application form and bank draft for their personal record. It may be used at any time in support of having submitted application and also retain a copy of post office receipt for dispatch through registered post or speed post. Without these papers, a candidate shall not be allowed to appear in examination, in the absence of admit card.

5.0 ENTRANCE EXAMINATION & SELECTION PROCEDURE

5.1 The candidates who fulfill the minimum qualification will be eligible to appear in the entrance examination. Name and Roll Nos. of eligible candidates will be displayed on NDRI Website. The names of those who are not found eligible, will be displayed separately. The entrance examination will be conducted at following centres:

(a) NDRI, Karnal, (Haryana)

(b) Southern Regional Station, NDRI, Adugodi, Bangalore (Karnataka)
1. There will be only one paper based on Science and Mathematics of 10th Standard for 2 hrs duration and of 150 marks. Paper will be of objective type with multiple choice questions.

2. The syllabus of written examination for ND(DT) programme is appended in the information Bulletin as Annexure-I.

3. The qualifying marks for the written entrance examination will be 75 Marks (60 for SC/ST & PH category).

4. The final selection for admission to ND (DT) will be based on merit list prepared on the basis of marks obtained in the Entrance Examination.

5. Only those students will be registered who will complete their qualifying examination in all respects latest before the commencement of academic session 2013-14 (i.e., 31-07-2013).

6. The result will be announced on 10.07.2013 and the merit list showing marks of qualified candidates will be displayed on NDRI website.

6.0 COUNSELING PROCESS

6.1 The shortlisted candidates will be called for counseling on a given date & reporting time at Southern Regional Station of National Dairy Research Institute, Adugodi, Bangalore – 560 030. The candidates will mark their attendance on arrival and will be considered for counseling. Those reporting late will have to register arrival time as late entry in the attendance register and will be considered for counseling as per latest situation of seats available at that time. The seats already filled up will not be disturbed in such situation.

6.2 The candidates belonging to PH category will be called first and offered seat against the category to which they belong. The seats for PH category are 3% and will be filled within the overall number of total seats. If the number of PH candidates available is more than the number of reserved seats for PH category then priority will be decided based on the ranks of entrance examination. If the ranks are same then the marks obtained in the qualifying examination will be used as selection criterion the same process will be repeated to fill the UPS quota of 2%.

6.3 The candidates belonging to other reserved categories will be called in order of ST, SC and OBC after the admission of PH candidates is over. The % seats in SC and ST categories are interchangeable and in case candidates of SC/ST categories are not available, the seats thus remaining vacant will be filled from general category. Similarly, if the candidates from OBC category are not available, the same will be filled from general category.

6.4 The general category candidates will be called after the counseling of candidates of above categories is over. The reserved seats left vacant, if any and the vacant seats for unreserved category will be filled-up from the general category in the order of merit.

6.5 The counseling will be held at NDRI Bangalore as per dates given on the back of cover page under “Important Dates” of the Information Bulletin. The merit list showing names of qualified candidates on the basis of written examination will be displayed on the NDRI website only and no intimation will be given to candidates by letter or fax or any other means.
7.0  **IN-SERVICE CANDIDATES AND THEIR SELECTION PROCEDURE**

Five seats additionally will be reserved for in-service candidates. However, the in-service candidates also should qualify in the entrance Examination and a separate merit list will be prepared in this category.

(i) Candidates in permanent employment with Central/State Governments and Dairies/Food Industries with minimum two years service (as on 31st July 2013) in the relevant field and meeting the eligibility requirements given above are eligible to apply under this category. The minimum marks for the in-service candidates, however, shall be 40%. The candidates must be fully sponsored by the employer.

(ii) In-service candidates shall be admitted over and above the seats with the approval of the Director.

(iii) The Applications duly completed with all documents should reach Registrar (Academic), NDRI Deemed University on or before the closing date. Direct application by the candidate will be accepted for the purpose of examination. However, the candidates must submit the application (including Form-A) through proper channel (forwarded by the Organisation) so as to reach the registrar office on or before counseling date.

(iv) The eligible candidates will have to appear and qualify in the written examination.

(v) The admission of in-service candidates will be decided on merit obtained in the written examination.

(vi) The applications of ineligible candidates shall be rejected.

means. The candidates are required to visit NDRI website (www.ndri.res.in).

6.6 Candidates called for counseling should bring, admit card, all original certificates with mark sheets, SC/ST/OBC category certificate (Annexure-II & III) and appropriate certificates for PH and UPS Categories in original for verification and submission.

6.7 Immediately on offer of admission Candidates are required to deposit counseling fee (Non refundable) Rs. 5000/- in the form of Bank draft in favour of “ICAR Unit, NDRI, Bangalore” payable at Bangalore.

6.8 Candidates must appear in person at the time of counseling. In case a candidate is not in the position to present him/herself, an authorized representative can attend the counseling on production of original certificates and authorization letter (Annexure-IV)
8.0 NUMBER OF SEATS 20 + 5 (in-service candidates)

<table>
<thead>
<tr>
<th></th>
<th>UR</th>
<th>SC</th>
<th>ST</th>
<th>OBC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Diploma (Dairy Technology)</td>
<td>10</td>
<td>3</td>
<td>2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Reservation of Seats:
- SC-15%,
- ST-7.5%,
- OBC-27% ;
- PH*-3%,
- UPS*-2%

(*The seats will be provided to the candidates against the category i.e. General/SC/ST/OBC to which they belong.)

Five in-service candidates shall be admitted over and above the seats with the approval of the Director making the total number of seats to 25.

9.0 RESERVATION

9.1 15% of total seats are reserved for bonafide candidates belonging to Scheduled Castes, 7.5% for Scheduled Tribes, 27% seats for OBC, 3% for Physically Handicapped subject to their being otherwise eligible. The reservation of seats is interchangeable amongst the SC/ST candidates depending upon the availability of such candidates. In case candidates from Reserved Categories are not available, the same will be filled up from General Categories.

9.2 Reservation for Remote and Under Privileged States/Union Territories (UPS)

2% Seats would be reserved for the candidates of the remote and Under Privileged States/ Union Territories (UT/UPS) namely Andaman and Nicobar Islands, Arunachal Pradesh, Dadra and Nagar Haveli, Daman & Diu, Goa, Lakshdeep, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura where educational facilities in Agriculture and Allied Science subjects do not exist. However, these seats will be filled by merit amongst the qualified candidates against the category i.e. General/SC/ST/ OBC. Candidates from UPS will have to produce domicile certificate issued by the Competent Authority at the time of counseling.

9.3 Definition for Physical Handicapped

Candidates having permanent disability of not less than 40%, provided the candidate is otherwise fit for admission. Such candidates will have to bring a certificate from the Chief Medical Officer of the District to which the candidate belongs. Such candidates will also have to appear before the Medical Board constituted by the Director for determining the percentage of disability and for assessment whether they are fit to carry out the studies despite being handicapped.

10.0 AGE LIMIT

Minimum age limit for ND(DT) candidates shall be 15 years on or before 31-07-2013 and the maximum age limit shall be 21 years. Maximum age limit for in-service candidates will be 45 years as on 31.07.2013.
11.0 AWARD OF MEDALS AND MERIT CERTIFICATES

ND (Dairy Technology)

11.1 The NDD students will be awarded one each of Gold and Silver medals based on the overall performance of 3 years. All the students securing above 80% marks will be eligible for merit certificates.

11.2 In case a student has been punished for act of indiscipline during the course of study at NDRI, he/ she may be debarred from the award of Director's Gold/Silver medal/merit certificates.

12.0 SYLLABUS

12.1 The syllabus for Diploma is governed by the regulations of the Institute and as modified by it from time to time.

12.2 The NDD students have to complete their Diploma programme at SRS of NDRI, Bangalore.

13.0 EXTRA CURRICULAR ACTIVITIES

13.1 Students are encouraged to participate in activities such as Music, Art & Dramatics, Hobbies, Literary Activities, Declamation & Debate Contests, Paper Reading and Recitation Contests etc.

13.2 Facilities are available for indoor and outdoor games, sports etc. and students are required to take part in sports activities.

13.3 Students are also encouraged to participate in Basic/Advanced Youth Leadership Camps, Youth Festivals/ Games and Sports etc. organised by this Institute and other Organizations.

14.0 HOSTELS

14.1 Adequate hostel accommodation is available with all modern facilities in terms of well furnished rooms, sports, indoor games, TV Rooms, Reading Rooms, Cultural Activities etc. Mess facility with modern infrastructure is available at the Campus. A cafeteria is also available for refreshments. There is a separate hostel accommodation for Girl Students. In order to regulate community living harmoniously in the Hostels, certain rules have been framed for the guidance of the students. These rules are meant for the students to maintain a high order of discipline, honesty and moral conduct for self and fellow hostellers. Students admitted in this Institute are all meritorious. They are supposed to lead a career oriented living in the hostels. While in the hostel they are responsible for up keep and look after of rooms, furnishing and fixtures. They are also supposed to conduct extremely well within and outside the Hostels. Payment of fees and dues, proper use of hostel facilities, common room and mess regulations regarding hostel visiting hours are some of the important points that have to be adhered to by the hostellers.
14.2 Students seeking admission to the hostel must apply separately at the beginning of each semester/year in the prescribed form.

14.3 Students admitted to the hostel shall abide by the decision of the Chief Hostel Warden with respect to the enforcement of Hostel Rules. Copy of the Hostel Rules will be provided to each hosteller at the time of admission. Those infringing the Hostel Rules are liable to be expelled from the hostels. The decision of the Chief Hostel Warden/Joint Director shall be final.

14.4 In view of the limited availability of hostel seats, accommodation will be on the basis of merit in entrance examination.

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15.0 HEALTH CARE

15.1 A dispensary with qualified medical doctor is available at SRS Campus to cater to the requirements of the students and staff. There is a full-fledged dispensing provision for common ailments to the students of NDRI Deemed University as well as the staff of Institute.

16.0 RIGHT TO REFUSE ADMISSION

The Director reserves the right to refuse admission of any candidate even though he/she may fulfill the academic requirements of admission on the basis of criteria laid down in the regulations, and/or may otherwise be eligible for admission on the basis of entrance examination without assigning any reason thereof. The decision of the Director shall be final and legally binding.

17.0 REGISTRATION

17.1 Students must report for registration on the due date mentioned in the admission letter/e-mail, telegram, failing which offer for admission is liable to be withdrawn automatically.

(a) Certificate for date of birth

(b) Original certificates and mark sheets of all the examinations passed.

(c) In case of SC/ST and OBC candidate, a certificate from a first class Magistrate of a District/Competent Authority indicating that the candidate belongs to a particular SC/ ST category which is included in the latest list appended to the constitution of India, SC/ ST 1950.

(d) Three passport size photographs (which should not be more than 6 months old) for the preparation of ID card/ Hostel Forms.

(e) In case of PH category, a certificate from the Chief Medical Officer of the District to which the candidate belongs.

(f) Candidates from UPS will have to produce domicile certificate issued by the Competent Authority at the time of counseling.

17.3 The students and the parents will have to submit affidavits as per UGC guidelines not to indulge in ragging and other related activities.
18.0 RAGGING
Ragging in any form is totally banned. As per directives from Hon’ble Supreme Court of India, if any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the Institute. Affidavits need to be submitted by the student and Parent/Guardian as given in Annexure VI & VII, respectively that the student/ward will not indulge in ragging and other related activities.

19.0 CLASS ATTENDANCE
Students are expected to attend all the theory and practical classes. The regulations require that the students must maintain prescribed minimum attendance of 75% in the classes.

20.0 RULES FOR FINES
20.1 Fines for absence from the Hostel
A special fine considered adequate according to the seriousness of the case will be levied by the Chief Hostel Warden/Joint Director for overnight absence from the Hostel without prior permission of the competent authority.

20.2 Such students who do not clear mess charges by the due date will be removed from the hostel and disciplinary action as deemed fit will be taken.

20.3 Fine recovered from the students towards late payment of fees, fines for act of indiscipline etc., will be credited to “R” Deposit and used for Students’ Welfare Activities.

21.0 SUMMARY CANCELLATION OF REGISTRATION
21.1 The Director may summarily cancel the registration of any student or group/batch/class of students who indulge(s) in act(s) of indiscipline, misconduct, violation of rules and regulations of the Institute, strikes, absence from classes without permission or without any valid reason or in whose case, the Director has reasons to believe that their continuance in the Institute would not be in the best interest of the Institute.

21.2 The students who have been permanently dropped from the Institute either on account of acts of indiscipline, shall not be eligible to make an application for re-admission.

21.3 It is the responsibility of the candidates to furnish full and correct information on the application form. Any admission made on the basis of wrong information supplied by the candidates or through a clerical mistake the University Office and detected subsequent to the admission and joining of the candidate, would be cancelled at the cost and risk of the student.
### 22.0 GENERAL INFORMATION

22.1 The selected candidates should join the course by the date indicated in the admission letter/e-mail or as displayed on the website.

22.2 The admission of a candidate who fails to join the course by the stipulated date will stand cancelled automatically.

22.3 Candidates should produce Migration Certificate from the Board from which they have obtained the eligible qualification within three months of commencement of session.

22.4 Once the admissions are finalized for an academic session, there will be no scope for lateral entry via transfer from any other Institutes to the NDRI.

22.5 The Institute reserves the right of admission and also the right to cancel the admission of a candidate at any stage if it is found that the information furnished by the candidate in his/her application is not true or is incomplete.

22.6 While every care is taken to call the eligible candidates for the Entrance Examination and admit only those who have qualified, it is the responsibility of the candidate to fully ensure his/her eligibility. NDRI will not be responsible for inadvertently calling the candidates for the Entrance Examination or in granting them admission.

22.7 Admission to the Institute implies acceptance by the student and his/her parents/guardian of all provisions given in the bulletin and/or change in the Institute Rules, Regulation, Fee etc. that are made from time to time.

22.8 The information indicated in the Information Bulletin is only for general guidance and could be modified/changed from time to time by the Institute. The Information Bulletin shall not be treated as a legal document.

22.9 The result of the Entrance Examination declared by the Institute shall be treated as final. There is no provision for scrutiny of answer books.

22.10 In case of any legal dispute, the same shall be subject to Bangalore/Karnal court jurisdiction only.

### 23.0 FEES

All fees (see Table below) must be paid on the due date in each Semester. Fees cannot be adjusted against stipends/scholarship. Non-receipt of scholarship etc. will not be considered as a valid reason for late payment of fees. Fees and annual dues once paid will not be refunded to the students leaving the course for any reason what-so-ever.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Description of fee</th>
<th>Fee (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Caution Money</td>
<td>10000.00</td>
</tr>
<tr>
<td>2</td>
<td>Registration Fee (Per annum)</td>
<td>500.00</td>
</tr>
<tr>
<td>3</td>
<td><strong>Tuition Fee, per annum (To be paid in two installments semester wise)</strong></td>
<td>8000.00</td>
</tr>
</tbody>
</table>
Hostel Charges

4 Students Hostel Fee
   (i) Hostel Fee, per annum (to be paid in two installments semester wise) 4000.00
   (ii) Electricity & Water charges per annum 3000.00

5 Married Hostel Fee
   (i) Hostel Fee, per annum (To be paid per month) 12000.00
   (ii) Electricity & Water charges Actual

6. Charges for Guest Room in Hostel
   The hostel charges for students/students guests for short stay were recommended as Rs.50/- per day.
   The permission to stay in hostel may be allowed by the authorities as under:
   (i) Up to 3 days-Hostel Warden of the concerned hostel
   (ii) Up to 7 days by the Chief Hostel Warden
   (iii) Beyond 7 days by the Head of the Station.

7 Students Council Fee 500.00
8 Magazine Fee 250.00
9 **Welfare Fund 500.00
10 Sports fund 250.00
11 Cultural and Literary Activities Fee 250.00
12 **Examination Fee (per annum) 600.00
13 Identity Card Fee 100.00
14 *Provisional Diploma Certificate 250.00
15 Duplicate Diploma 1000.00
16 Award of Diploma in Absentia 1000.00
17 Late Registration Fine 500.00
18 *Alumni Association 1000.00
19 *Migration Certificate 100.00
20 *Convocation fee 500.00

(i) Fee at * marked will be charged in the 2nd year 1st Semester at the time of Registration along with above fee.
(ii) Fee at ** marked is exempted to ND (DT) students belonging SC/ST category.
(iii) Caution money will not be refunded to the candidates if they leave the course after the closing of admission and without completing their degree. If the seat vacated by a candidate is filled up from the waiting list, the caution money will be refunded in full.

Note:
(a) In-service candidates shall also be required to pay all the fees as applicable in the case of other candidates.
(b) The Institute shall reserve the right to recover any kind of dues from the fellowship amount or any other amount payable to the students.
(c) Unless specially permitted by the Joint Director/Director, the name of the defaulter shall stand struck off from the rolls if he/she does not report for registration within a period of two weeks from the date of commencement of the respective semester. He/She may, however, be re-admitted at the discretion of the Joint Director/Director on the submission of an application through the Head of Division and on payment of re-admission fee at the prescribed rate and also the fine.
(d) The fee and other charges once paid are not refundable. However, the caution money will be refundable only to the passed out students, if claimed within one year of completion of the course. The unclaimed amount will be transferred to Students Union Fund. Caution money will not be refunded if the seat-vacated by the student remains vacant.
### ACADEMIC CALENDAR

#### 2013-2014 SESSION

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>FIRST SEMESTER</td>
<td></td>
</tr>
<tr>
<td>August</td>
<td>1st</td>
<td>Registration and payment of fees (for fresh students)</td>
</tr>
<tr>
<td></td>
<td>6th</td>
<td>Orientation programme for freshers</td>
</tr>
<tr>
<td></td>
<td>7th</td>
<td>Classes begin</td>
</tr>
<tr>
<td>December</td>
<td>5th</td>
<td>Last working day</td>
</tr>
<tr>
<td></td>
<td>20th</td>
<td>Examinations begin (Tentative)</td>
</tr>
<tr>
<td>2014</td>
<td>SECOND SEMESTER</td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>10th</td>
<td>Registration and payment of fees</td>
</tr>
<tr>
<td></td>
<td>11th</td>
<td>Classes begin</td>
</tr>
<tr>
<td>May</td>
<td>16th</td>
<td>Last working day</td>
</tr>
<tr>
<td>June</td>
<td>7th</td>
<td>Examinations begin (Tentative)</td>
</tr>
</tbody>
</table>
SYLLABUS FOR ENTRANCE EXAMINATION FOR ND (DT)

MATHEMATICS

UNIT I : NUMBER SYSTEMS

REAL NUMBERS

Natural numbers, integers, rational numbers on the number line. Terminating/non-terminating recurring decimals, Rational numbers as recurring/terminating decimals. Non-rational numbers (irrational numbers) such as \( \sqrt{2}, \sqrt{3} \) and their representation on the number line. Square roots, definition of \( n \)th root of a real number. Laws of exponents with integral powers.

UNIT II : ALGEBRA

POLYNOMIALS


UNIT III : GEOMETRY

INTRODUCTION TO EUCLID’S GEOMETRY

Euclid’s geometry. The five postulates of Euclid. Equivalent versions of the fifth postulate.

LINES AND ANGLES

Point, Line, Line segments, ray, Angle

Types of angles and pairs of angles. Properties of angles formed by transversal line. Parallel and intersecting line

TRIANGLES

Triangles, Types of triangles, Properties of triangles, Congruence (SSS, SAS, ASA), Interior and exterior angles of triangle and its relationship, Similar triangle, Pythagoras Theorem

QUADRILATERALS

Parallelogram and its properties. Division to congruent triangles, Congruence of opposite sides and angles, bisection of diagonals.

CIRCLES

Definition of circle and related concepts: radius, circumference, diameter, chord, arc, subtended angle.

Properties of circles - Equal chords, angle subtended at the center by an arc / chord, angle in semicircle and segments

UNIT IV : COORDINATE GEOMETRY

COORDINATE GEOMETRY

The Cartesian plane, coordinates of a point, names and terms associated with the
coordinate plane, notations, graph of linear equations; linear equations \( y = mx + c \).

**UNIT V : MENSURATION**

**AREA**

Concept of area, Area of rectangle, circle, triangle, parallelogram

**SURFACE AREAS AND VOLUMES**

Surface areas and volumes of cubes, cuboids, spheres (including hemispheres) and right circular cylinders/cones

**UNIT VI : STATISTICS AND PROBABILITY**

**STATISTICS**

Introduction to Statistics: Collection of data, presentation of data — tabular form, ungrouped/grouped, bar graphs, histograms (with varying base lengths), frequency polygons, qualitative analysis of data Mean, median, mode of grouped and ungrouped data.

**PROBABILITY**

History, Repeated experiments and observed frequency approach to probability, empirical probability.

**UNIT VII: TRIGONOMETRY**

**INTRODUCTION TO TRIGONOMETRY**

Trigonometric ratios of angles (sin, cos and tan of \(0, 30, 45, 60, 90^\circ\))

Simple height and distance problems.

**SCIENCE**

**Unit: Food**

Plant and animal breeding and selection for quality improvement and management; use of fertilizers, manures; protection from pests and diseases; organic farming.

**Unit: Matter - Nature and behaviour**

Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state-melting (absorption of heat), freezing, evaporation (Cooling by evaporation), condensation, sublimation.

**Nature of matter**: Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions.

**Unit: Organization in the living world.**

Cell - Basic Unit of life: Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, golgi apparatus; nucleus, chromosomes - basic structure, number.

TISSUES, Organs, Organ System, Organism Structure and functions of animal and plant tissues (four types in animals; meristematic and permanent tissues in plants).

**Unit: Motion, force and work**

Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, equations of motion by graphical method; elementary idea of uniform circular motion.


**Gravitation**: Gravitation; universal law of gravitation, force of gravitation of the earth (gravity), acceleration due to gravity; mass and weight; free fall

**Unit: Matter - Nature and Behaviour**

**Particle nature, basic units**: atoms and molecules. Law of constant proportions. Atomic and molecular masses.

**Mole Concept**: Relationship of mole to mass of the particles and numbers. Valency. Chemical formula of common compounds.

**Structure of atom**: Electrons, protons and neutrons; isotopes and isobars.
Unit: Organization in the living world.

Biological Diversity: Diversity of plants and animals - basic issues in scientific naming, basis of classification. Hierarchy of categories / groups, Major groups of plants (salient features) (Bacteria, Thalophyta, Bryophyta, Pteridophyta, gymnosperms and Angiosperms). Major groups of animals (salient features) (Non-chordates up to phyla and chordates up to classes).


Unit: Motion, force and work

Floatation: Thrust and pressure. Archimedes’ principle, buoyancy, elementary idea of relative density.

Work, energy and power: Work done by a force, energy, power; kinetic and potential energy; law of conservation of energy.

Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo and SONAR.

Structure of the human ear (auditory aspect only).

Unit: Our environment

Physical resources: Air, Water, Soil.

Air for respiration, for combustion, for moderating temperatures, movements of air and its role in bringing rains across India.

Air, water and soil pollution (brief introduction). Holes in ozone layer and the probable damages.

Bio-geo chemical cycles in nature: water, oxygen, carbon, nitrogen

Unit: Chemical Substances - Nature and Behaviour

Chemical reactions: Chemical Equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction.

Acids, bases and salts: Their definitions in terms of furnishing of H+ and OH- ions, General properties, examples and uses, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of sodium hydroxide, Bleaching powder, Baking soda, washing soda and Plaster of Paris.

Metals and non metals: Properties of metals and non-metals, reactivity series, formation and properties of ionic compounds, basic metallurgical processes, corrosion and its prevention.

Unit: World of Living

Life Processes: “living being”. Basic concept of nutrition, respiration, transport and excretion in plants and animals.

Control and Co-ordination in Animals and Plants: Tropic movements in plants; Introduction to plant hormones; control and co-ordination in animals: nervous system; voluntary, involuntary and reflex action, chemical co-ordination: animal hormones.

Unit: Effects of Current

in daily life. Electric Power, Inter relation between P, V, I and R.

Magnetic effects of current: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming’s left hand rule. Electromagnetic induction. Induced potential difference, Induced current. Fleming’s Right Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.

Sources of energy: Different forms of energy, conventional and non-conventional sources of energy: fossil fuels, solar energy; biogas; wind, water and tidal energy; nuclear energy. Renewable versus non-renewable sources.

**Unit: Chemical Substances - Nature and Behaviour**

Carbon compounds: Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydrocarbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.


**Unit: World of living**

Reproduction: Reproduction in animal and plants (asexual and sexual) reproductive health-need for and methods of family planning. safe sex vs HIV/AIDS. Child bearing and women’s health.

Heredity and Evolution: Heredity; Mendel’s contribution- Laws for inheritance of traits. Sex determination: brief introduction; Basic concepts of evolution.

**Unit: Light**

Reflection of light at curved surfaces, Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length. Mirror Formula (Derivation not required), Magnification.

Refraction; laws of refraction, refractive index.

Refraction of light by spherical lens, Image formed by spherical lenses, Lens formula (Derivation not required).

Magnification. Power of a lens; Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.

Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.

**Unit: Conservation of Natural Resources**

Management of natural resources. Conservation and judicious use of natural resources. Forest and wild life, coal and petroleum conservation. Examples of People’s participation for conservation of natural resources.

The Regional environment: Big dams: advantages and limitations; alternatives if any. Water harvesting. Sustainability of natural resources.

ANNEXURE-II

SCHEDULED CASTE/ TRIBE CERTIFICATE -FORMAT

CASTE CERTIFICATE


2. Shri/Smt/Kumari........................................................................and/or his/her family ordinarily reside(s) in Village/Town........................................ of District..................................of State/Union Territory of ............................

3. Applicable in the case of SC/ST persons who have migrated from State/Union Territory Administration to another State/Union Territory. The certificate is issued on the basis of the SC/ST Certificate to Shri/Smt. ........... father/mother of Shri/Smt/Kumari.................................................... of Village/Town................................. ....... in District/ Division........................................... of the State/Union Territory ......................... who belongs to the ............... Scheduled Caste/ Scheduled Tribe in the State/Union Territory issued by the ................. (Name of the prescribed authority) vide their No ................. Dated.............................

Signature
Designation (With Seal of Office)

Place ................................... (State/Union Territory)
Date .....................................

*Please delete the words which are not applicable. Please quote specific presidential order.

NOTE: The term ordinarily reside(s) used here has the same meaning as in section 20 of the representation of the people’s act, 1950.
List of Authorities Empowered to Issue SC/ST Certificates

1. District Magistrate/Additional District Magistrate/Deputy Commissioner/Additional Deputy Commissioner/ Deputy Collector/1st Class Stipendiary Magistrate/City Magistrate/Sub-divisional Magistrate/Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner not below the rank of 1st class Stipendiary Magistrate.

2. Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate

3. Revenue Officers, not below the rank of Tehsildar

4. Sub-divisional Officer of the area where the candidate and/or his family normally resides

5. Administrator/Secretary to Administrator/Development Officer (Lakshadweep Islands)

ANNEXURE-III

FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASS (OBC) APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER THE GOVERNMENT OF INDIA

This is to certify that Shri/Smt./Kum. ___________________________ Son/Daughter of Shri/Smt. ___________________________ of Village/Town ___________________________ District/Division ___________________________ in the ___________________________ State belongs to the ___________________________ Community which is recognized as a backward class under:


ii. Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163 Dated 20/10/94.

iii. Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88 Dated 25/05/95.


vi. Resolution No. 12011/13/97-BCC dated 03/12/97.


xvi. Published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.


Shri/Smt./Kum. ________________________________ and/or his family ordinarily reside(s) in the __________________________ District/Division of __________________________ State. This is also to certify that he/she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt.(SCT) Dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.) dated 09/03/2004.

Dated: .........................

DISTRICT MAGISTRATE/

DEPUTY COMMISSIONER, ETC.

SEAL

NOTE:

(a) The term ‘Ordinarily’ used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

(b) The authorities competent to issue Caste Certificates are indicated below:

(i) District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / I Class Stipendiary Magistrate / Sub-Divisional Magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (Not Below The Rank Of I Class Stipendiary Magistrate).
(ii)  Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.

(iii) Revenue Officer not below the rank of Tehsildar’ and

(iv)  Sub-Divisional Officer of the area where the candidate and / or his family resides.

**DECLARATION /UNDERTAKING - FOR OBC CANDIDATES ONLY**

I, __________________________________ Son/ Daughter of Shri ___________________________ resident of Village/Town/City ______________________ District ______________________ State hereby declare that I belong to the __________________________ Community which is recognized as a Backward Class by the Government of India for the purpose of reservation in services as per orders contained in Department of Personnel and Training Office Memorandum No.36012/22/93- Estt. (SCT), dated 8/9/1993. It is also declared that I do not belong to persons/Sections (Creamy Layer) mentioned in Column 3 of The Schedule to the above referred Office Memorandum, Dated 8/9/1993, which is Modified vide Department of Personnel and Training Office Memorandum No.36033/3/2004 Estt. (Res.) Dated 9/3/2004.

Signature of the Candidate

Place: ..................................
Date: ..................................

•  Declaration/undertaking not signed by candidate will be rejected.
•  False declaration will render the applicant liable for termination of registration at any time.

**Creamy Layer Definition**

OBC Creamy layer is defined comprehensively at http://ncbc.nic.in/html/creamylayer.html

All candidates for the OBC reserved seats should make sure that they do not satisfy any of the creamy layer criteria as listed in the website. Some general exclusion for quick reference (no way comprehensive) are as follows.

1. Any of the parents holds a constitutional position in Govt. of India
2. Any one of the parents is a class I officer.
3. Both the parents are class II officers.
4. Any one of the parents is employed in an equivalent rank to class I officer or both parents equivalent to class II officer in a public sector, insurance companies, banks, universities or in other organizations
5. Land holdings on irrigated land is 85% or more of the statutory ceiling area.
6. Parents income is more than Rs. 4.5 lakhs per year.
Dear Parents/Guardian/Student,

You are fully aware of the orders of the Government and of Hon’ble Supreme Court on the Anti-Ragging measures. As per the latest policy all students and parent/guardians are required to submit an affidavit before a student is allowed registration in the University. The format of Affidavits is given at Annexure-IV and Annexure-V and to be submitted on a Non-Judicial paper of Rs.10/- duly attested by the oath commissioner.

All parents/guardian/students may get them duly attested by the Oath commissioner and bring it on the day of student’s registration. Kindly note that there are two Affidavits as Annexure-III & IV. The Annexure-III is to be signed by the student and Annexure-IV shall be signed by the parent / guardian.

In case a student does not submit the same he/she shall not be allowed to proceed with the registration.

It is further, requested that this information be passed amongst friends.

Best wishes,
Sd/-
Director

ANNEXURE-IV
AFFIDAVIT BY THE STUDENT

1) I, ___________________________(full name of student with admission/registration/enrolment number) S/o D/o Mr./Mrs./Ms. ____________________________, having been admitted to (name of the institution), have seen the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, as placed on the NDRI website; www.ndri.res.in (hereinafter called the “Regulations”) carefully read and fully understood the provisions contained in the said Regulations.

2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.

3) have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of The penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

4) I hereby solemnly aver and undertake that a) I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.

b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.

5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
6) I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this ___day of __________ month of ______ year.

________________
Signature of deponent

Name

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein. Verified at .................... (place) ..................... on this the .................. (day..................) of .................. (month) , .................. (year ).

________________
Signature of deponent

Solemnly affirmed and signed in my presence on this the (day) of (month), (year ) after reading the contents of this affidavit

OATH COMMISSIONER

ANNEXURE-V

AFFIDAVIT BY PARENT /GUARDIAN

1) I, Mr./Mrs./Ms. ______________________________ (full name of parent/guardian) father/mother/guardian of, (full name of student with admission / registration /enrolment number), having been admitted to the National Dairy Research Institute, have been informed about the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the “Regulations”), carefully read and fully understood the provisions contained in the said Regulations as placed on NDRI website (www.ndri.res.in)

2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.

3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

4) I hereby solemnly aver and undertake that a) My ward will not indulge in any behavior or act that may be constituted as ragging under clause 3 of the Regulations.

b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.

6) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this ___day of __________ month of ______ year.

__________________
Signature of deponent

Name:
Address:
Telephone/ Mobile No.:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at __________________________(place) on this the ____________ (day) of _______ (month), ____________ (year).

__________________
Signature of deponent

Solemnly affirmed and signed in my presence on this the ______(day) of _______ (month), _________ (year ) after reading the contents of this affidavit.

OATH COMMISSIONER
GENERAL ADMINISTRATION

1. A.K. Srivastava, Ph.D.
2. Rishendra Verma, Ph.D.
3. V.P. Singh, Ph.D.
5. S.K. Kanawjia, Ph. D.
6. I.K. Sawhney, Ph.D.
7. S. George, MA, PGDLA
8. Mithlesh Kumar, M.Sc., PGDCSA
9. B.R. Yadav, Ph.D.
10. Rekha Sharma, M.B.B.S.
11. Manoj Kumar, M.B.B.S.
12. Ram Shanker, M.A.
13. Ashutosh, Ph.D.
14. Ms. Sarita Yadav, B.P.T., PGPMIR

Director
Joint Director (Research)
Joint Director (Academic)
Joint Director (Administration) & Registrar
Academic Coordinator
Controller of Examinations
Comptroller
Sr. Fin. & Acts. Officer
Head, National Library
Sr. Medical Officer
Sr. Medical Officer
Deputy Director (Official Language)
Incharge Security
Admn. Officer (University).

HOSTELS

1. A.K. Tyagi, Ph.D.
2. Bimlesh Mann, Ph.D.
3. Gopal Sankhla, Ph.D.
4. Sohanvir Singh, Ph.D.
5. Dheer Singh, Ph.D.

Chief Hostel Warden
Hostel Warden (Kaveri Girls Hostel)
Hostel Warden (Krishna Hostel)
Hostel Warden (Sutlej Hostel)
Hostel Warden (Brahamputra Hostel)
Hostel Warden (Alaknanda Hostel)

SRS OF NDRI, BANGALORE

1. S. Kulkarni, Ph.D.
2. B. Surendra Nath, Ph.D.
3. V.R.V. Surendera Nath Naik M.B.B.S., M.D.,
5. S. Shashikala
6. M.C.A. Devi, Ph.D.,
7. Mukund A. Kataktalware, Ph.D
8. S. Subash, Ph.D

Head
Incharge, Education Division
Medical Officer
Technical Officer (Education Division)
Asst. Admn. Officer
Chief Hostel Warden
Hostel Warden
Associate Warden

CONTACT PERSONS IN UNIVERSITY OFFICE

1. Subhash Chander Dhiman,
2. Sukh Dev Singh Chauhan, B.A.
3. Rekha Verma, B.A.
4. Sat Pal Hans, B.A.
5. Ilam Chand Sharma,

Hr. Sec. Under-graduate Programme
Post-graduate Programme
Doctoral Programme
Financial Affairs
Intermediate Academic Affairs
NDRI FACULTY

**Dairy Microbiology Division**
- R.K. Malik, Ph.D. (Head)
- Sunita Grover, Ph.D.
- A.K. Puniya, Ph.D.
- S.K. Tomar, Ph.D.
- Naresh Kumar, Ph.D.
- Shilpa Vij, Ph.D.
- Chand Ram, Ph.D.
- Surajit Mandal, Ph.D.
- Raghu H.V., M.Sc.
- Rashmi H.M., M.Sc.
- Pradip V. Behare, Ph.D.
- R.P. Singh, Ph.D.
- Inder Kumar, M.Sc.
- Chamela Ram, B.A.

**Dairy Chemistry Division**
- Darshan Lal, Ph.D. (Head)
- Raman Seth, Ph.D.
- Bimlesh Mann, Ph.D.
- Sumit Arora, Ph.D.
- Vivek Sharma, Ph.D.
- Rajan Sharma, Ph.D.
- Rajesh Kumar, Ph.D.
- P.C. Singh

**Dairy Technology Division**
- A.A. Patel, Ph.D. (Head)
- Vijay Kumar, Ph.D.
- S.K. Kanawjia, Ph.D.
- R.R.B. Singh, Ph.D.
- Latha Sabikhi, Ph.D.
- A.K. Singh, Ph.D.
- Kaushik Khamrui, Ph.D.
- P. Narender Raju, Ph.D.

**Dairy Engineering Division**
- A.K. Dodeja, Ph.D. (Head)
- I.K. Sawhney, Ph.D.
- Bikram Kumar, M.Tech.
- S.K. Chaudhary, A.M.I.E.
- Pawan Kumar, ITI (Certificate Holder)
- Sunil Kumar, M.E.

**Animal Biochemistry Division**
- Y.S. Rajput, Ph.D. (Head)
- S.K. Atreja, Ph.D.
- R.K. Sharma, Ph.D.
- Gautam Kaul, Ph.D.
- Dheer Singh, Ph.D.
- Suman Kapila, Ph.D.
- Rajeev Kapila, Ph.D.
- S.K. Sood, Ph.D.
- Suneel Kumar Ontery, Ph.D.
- Sunita Meena, M.Sc.
- Ravikant Saini
- Karam Singh

**Dairy Cattle Breeding Division**
- R.S. Gandhi, Ph.D. (Head)
- G.K. Sachdeva, Ph.D.

**Yogesh Khetra, M. Tech.**
**Prateek Sharma, M.Tech.**
**Devaraja H.C., M. Tech.**
**Lehri Singh, M.Sc.**
**S.K. Khamb, IDD (DT), MA**
**Ram Swarup, M.A.**
**Savitri Jhamb, B.Sc.**
**Prabha Sharma, Dip in LT**
**Scientist**
**Scientist**
**Scientist**
**Technical Officer**
**Technical Officer**
**Technical Officer**
**Technical Officer**
**Technical Officer**
**Technical Officer**
**Technical Officer**
**Technical Officer**

**A.K. Dodeja, Ph.D.**
**I.K. Sawhney, Ph.D.**
**Bikram Kumar, M.Tech.**
**P.S. Minz, M.Tech.**
**S.K. Chaudhary, A.M.I.E.**
**J.K. Dabas, M.Tech.**
**Pawan Kumar, ITI (Certificate Holder)**
**Sunil Kumar, M.E.**
**O.P. Muhal, Dip. In Agril. Engg.**

**Y.S. Rajput, Ph.D.**
**S.K. Atreja, Ph.D.**
**R.K. Sharma, Ph.D.**
**Gautam Kaul, Ph.D.**
**Dheer Singh, Ph.D.**
**Suman Kapila, Ph.D.**
**Rajeev Kapila, Ph.D.**
**S.K. Sood, Ph.D.**
**Suneel Kumar Ontery, Ph.D.**
**Sunita Meena, M.Sc.**
**Ravikant Saini**
**Karam Singh**

**R.S. Gandhi, Ph.D.**
**G.K. Sachdeva, Ph.D.**

**Scientist**
**Scientist**
**Scientist**
**Technical Officer**
**Technical Officer**
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**Technical Officer**

**National Dairy Research Institute**
Livestock Production & Management

Shiv Prasad, Ph.D.
P.S. Oberoi, Ph.D.
Pawan Singh, Ph.D.
R.K. Mehla, Ph.D.
T.K. Mohanty, Ph.D.
M.L. Kamboj, Ph.D.
S.S. Lathwal, Ph.D.
Ramesh Chandra, Ph.D.
A. Kumaresan, Ph.D.
Mukesh Bharat, Ph.D.
A. Mani Maran, M.V.Sc.
Nishant Kumar, M.V.Sc.
Shiv Kumar, M.Sc.

Dairy Cattle Nutrition

S.S. Kundu, Ph.D.
J.P. Sehgal, Ph.D.
Neelam Kewalramani, Ph.D.
S.S. Thakur, Ph.D.
Madhu Mohini, Ph.D.
S.K. Tomar, Ph.D.,
Veena Mani, Ph.D.
A.K. Tyagi, Ph.D.,
S.K. Sirohi, Ph.D.,
Chander Datt, Ph.D.
Nitin Tyagi
Raj Bahadur, B.Sc. (Ag.)
Karan Singh, M.Sc.

Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Technical Officer

Dairy Cattle Physiology

R.C. Upadhyay, Ph.D.
O.K. Hooda, Ph.D.
Mahendra Singh, Ph.D.
Sujata Pandita, Ph.D.
Parveen Kumar, Ph.D.
Sohanvir Singh, Ph.D.
A.K. Dang, Ph.D.
A.K. Roy, Ph.D.
Anjali Aggarwal, Ph.D.
N. Anandlaxmi, Ph.D.
Manju Ashutosh, Ph.D.
Ashutosh, Ph.D.

Head
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Sr. Scientist
Sr. Scientist
Sr. Scientist
Sr. Scientist
Sr. Scientist
Sr. Scientist
Sr. Scientist

Dairy Economics, Stat. & Management

K.K. Datta, Ph.D.
B.S. Chandel, Ph.D.
A.K. Chauhan, Ph.D.,PGDPM
Smita Sirohi, Ph.D.
Ravinder Malhotra, Ph.D.
A.K. Sharma, Ph.D.
Rishikanta Singh, Ph.D.
Udita Chaudhary, M.Sc.
J.P. Dhaka, Ph.D Emeritus
Tara Chand B.Sc.

Head
Principal Scientist
Prin. Sci.
Principal Scientist
Prin. Scientist
Sr. Scientist
Scientist
Scientist
Scientist
Technical Officer

Dairy Extension

Ram Kumar, Ph.D.
Jancy Gupta, Ph.D.
Khajan Singh, Ph.D.
K.S. Kadian, Ph.D.
S.K. Jha, Ph.D.
Gopal Sankhala, Ph.D.
Ritu Chakravarty, M.Sc.
B.S. Meena, Ph.D.
Senthil Kumar, R. Ph.D.
Asif Mohammad, Ph.D.

Prin. Sci. & Head
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Principal Scientist
Scientist (SG)
Sr. Scientist
Scientist
Scientist
P. Muruganantham, M.Lib  
Nanjundaswamy, M.Lib  
V.R.V.Subeendranath Naik, MBBS, MD  
L. Krishnamurthy, M.Sc.  
M. Sreenath, M.Sc.  
Sanwar, M.Sc.  
P. Aravindakshan, M.Sc. PGDBA  
M. K. Vedavathi, B.Sc.  
B. K. Rajashekaraih, B. Sc (Ag.)  
K.L. Sampath, B.Sc.,  
J.Nageswara Rao, Dip. in Mech.  
Veeraju, B.E.  
P.G. Satish, B.V.Sc.  
Technical Officer  
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Technical Officer

**Eastern Regional Station, Kalyani**

Dr. T.K. Datta, Ph.D  
Prin. Sci. (AN) & Head  
Dr.P.K. Roy, Ph.D  
Principal Scientist (LPM)  
Dr.R.A.Dey, Ph.D  
Sr. Scientist (Ag. Extn.)  
Dr.Lotan Singh, Ph.D  
Sr. Scientist (Ag. Econ)  
Dr. M.K. Ghosh, Ph.D  
Sr. Scientist (A N)  
Dr. S.K. Das, Ph.D.  
Sr. Scientist (A B T)  
Dr. Ajay Mandal, Ph.D  
Sr. Scientist (A G & B)  
Dr.Anupam Chatterjee, Ph.D  
Sr. Sci. (A N)  
Mr.V.P.Verma, B.Sc., B.Lib. ci., M.A.  
T.O.  
Mr. Alokesh Goswami, M. Sc(Ag)  
Tech. Officer  
Dr. Amitava Ghosh, M.V.Sc.(AN)  
Tech. Officer  
Dr.Somnath Dutta, M.V.Sc.(Gyn.&O.)  
T.O.  
Mr. P.Saha, M.Sc. (DM)  
Technical Officer  
Mr.Harish Yadav, M. Tech (ME)  
Tech. Officer
APPLICATION No._______                          LAST DATE: 18.05.2013

NATIONAL DAIRY RESEARCH INSTITUTE
(Deemed University)
KARNAL-132 001 (HARYANA)

APPLICATION FORM

Note: Please read Information Bulletin carefully before filling the application form and use correct code
Application should be filled in block letters. Leave a box between two words

FOR OFFICE USE ONLY
Programme National Diploma (Dairy Technology) Examination Centre _________
Roll No. ________________
Dealing Asstt. AAO Academic Coordinator

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1. Name of the applicant                   (As per the last examination passed) |
| 2. Father's Name                           |
| 3. Mother's Name                           |
| 4. Corresponding Address                   |
| 5. Permanent Address                       |
| 6. Nearest Post Office                     |
| 7. Date of Birth DD MM YYYY                |
| 8. Nationality                             |
| 9. State of Domicile                       |
| 10. Caste Code (SC-1, ST-2, OBC-3, Gen./Others-4) |
| 11. Sex (Male 1, Female 2)                |
| 12. Are you physically handicapped        |  YES NO |
| 13. Nature and Degree of physical disability (*please attach a copy of medical certificate) |
| 14. Whether you are fit to carry the studies? | Yes/No |
| 15. Choice of Examination Centre           | (Must fill your choice) |

(Karnal-1, Bangalore-2, Kalyani-3)
16. Give particulars of the 10th examinations passed
(Note: Attach attested copies of all certificates and mark sheets)
*For admission at NDRI, Bangalore, all requirements for the qualifying examination must be completed on or before 30.07.2013

a. Name of the Examination
b. Name of the Board
c. Subject wise marks & Percentage:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Max Marks</th>
<th>Marks obtained</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
<td></td>
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<tr>
<td>Language</td>
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<td>Ill Language</td>
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<tr>
<td>Mathematics</td>
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<td>Science</td>
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<tr>
<td>Social Studies</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

17. Are you appearing in the final year examination    Yes/No
If yes, please give the details
a) Name of the Degree:

b) Likely date of completion:

c) Name of Board:

18. Are you In-service candidate being in regular employment  Yes/No
(*Must have two year service as on 31st July, 2013)
If yes, attach Form 'A' and give the following information
a) Whether Employed in Central Govt./ State Govt./ Food Industry
b) Employment record

<table>
<thead>
<tr>
<th>Name of the Organisation</th>
<th>Regular Post Held</th>
<th>Date of Joining</th>
<th>Total Service</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

c) Nature of Duties

d) Are you sponsored by your Employer:

19. Declaration by the candidate:

I hereby solemnly and sincerely affirm that the statement made/information furnished by me with application form are true and correct.

Date ___________  Signature of the Candidate
OFFICE COPY
(For office use only)

Provisional
Roll No. ___________

ADMIT CARD
(To be filled in by the candidate)

1. Name: _____________________________
2. Programme: National Diploma (Dairy Technology)
3. Date of Examination: 18th June, 2013 (10.00 AM to 12.00 Noon)
4. Examination Centre (Code): ________________________
5. Signature of applicant: ________________________

Academic Coordinator, NDRI, Karnal

INSTRUCTIONS:
1. You must report at the examination centre at least 30 minutes before the commencement of the examination.
2. Show your admit card to the Supervisory Staff otherwise you will not be allowed to appear in the exam.
3. In case you have brought Form-A,B personally, hand it over to the supervisory staff.
4. Use of unfair means will disqualify you from the examination.

CANDIDATE COPY
(To be retained by the candidate and produced at the time of examination)

Provisional
Roll No. ___________

ADMIT CARD
(To be filled in by the candidate)

1. Name: _____________________________
2. Programme: National Diploma (Dairy Technology)
3. Date of Examination: 18th June, 2013 (10.00 AM to 12.00 Noon)
4. Examination Centre (Code): ________________________
5. Signature of applicant: ________________________

Academic Coordinator, NDRI, Karnal

INSTRUCTIONS:
1. You must report at the examination centre at least 30 minutes before the commencement of the examination.
2. Show your admit card to the Supervisory Staff otherwise you will not be allowed to appear in the exam.
3. In case you have brought Form-A,B personally, hand it over to the supervisory staff.
4. Use of unfair means will disqualify you from the examination.

Please retain this copy with you and note down your roll number as displayed on the NDRI website.
FORM - A

SPONSORSHIP CERTIFICATE OF THE EMPLOYER FOR SEEKING ADMISSION TO
National Diploma (Dairy Technology)
FOR IN-SERVICE CANDIDATES ONLY

I, __________________________________________ (Name and designation of employer) hereby sponsor
Mr./Ms _________________________ son of _________________________ who is a permanent employee
working as _________________________ (designation of the applicant) since _________________
at _________________________ (Name of the Organization) for pursuing his/her Diploma course at National
Dairy Research Institute, Deemed University, Karnal (Haryana).

It is also certified that in case of admission the above employee will be relieved to join the programme at
NDRI, Karnal by 1st Aug., 2013 and will be paid salary and other allowances as per Study Leave Rules.

Place________________________ Signature:___________
Date__________________________ (Vice Chancellor/ Director/ Head of Institution only)
Address________________________

Official Seal

FORM - B

No._____________ Roll No.___________

(To be used by the candidate who is not able to submit marks list for Qualifying Examination
at the time of submitting the application)

1. If you have not been able to complete the column No. 17 of application, retain this Form - B with you and submit
it to the Joint Director, National Dairy Research Institute (Deemed University), Karnal- 132 001 (Haryana)
alongwith attested copies of marks list by 1st August, 2013 (by registered post), failing the same your application
will be rejected. For admission at NDRI your 10th examination must be completed latest by 31.07.2013.

2. Please indicate the Roll No. on the top of your marks sheet attached with this Form.

1. Full Name (In block letters) : ____________________________
2. Programme applied for : ____________________________

<table>
<thead>
<tr>
<th>Year of passing</th>
<th>Marks/OGPA obtained</th>
<th>Maximum Marks/ OPGA</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Encl. As above

Place________________
Date________________
Signature of applicant___________________
1. Before submission of application form, candidates may ensure that -
   a. All the columns of application form have been duly filled in.
   b. Attested copies of all the certificates have been attached (including Annexure-II & III).
   c. Attested photographs are affixed at the appropriate place in the application form and the admit card.
   d. Admit cards have been duly filled in.

2. Incomplete application is liable to be rejected.

3. NDRl will not be responsible for any postal delay.

4. Admit cards will not be sent by post. Candidates have to retain their copy of admit card with them and note down the Roll No. as displayed on NDRl website.

5. Candidates are advised to visit the NDRl website to note down the roll No. on their admit cards and bring the same with them to appear in the examination.
3. Incomplete/unsigned/mutilated application form or form without photographs or with unclear photograph/ form having overwriting/without requisite fee amount or amount lesser than prescribed fee shall be summarily rejected and no correspondence in this regard shall be entertained.
4. Request for change in any particulars in the application form shall not be entertained under any circumstances.
5. Admission of a candidate to the entrance examination is provisional subject to his/her being found otherwise eligible for admission to the course.
6. Candidates are advised to retain at least three photographs same as pasted on the form for subsequent uses during counseling/admission.
7. A candidate is allowed to submit only one application form. If a candidate submits more than one application form, his/her candidature shall be cancelled. Candidates for reserved categories i.e. SC/ST/PH category must attach the certificate in the prescribed format.
8. Application from must be sent in original, duly completed in all respects. Application is to be dispatched through registered/speed post well in advance.
9. Last date for receipt of application forms: 18.05.2013
   Display of Roll Nos. On website: 10.06.2013
   Display of list of rejected application on website: 10.06.2013
10. Institute shall not be responsible for any postal delay/loss of transit in respect of application.
11. The candidates are advised to retain a photocopy of the application for their personal record. It may be used at any time in support of having submitted application and also retain a copy of post office receipt for dispatch through registered or speed post.
12. Use or attempt to use unfair means of any kind for this examination will automatically lead to the cancellation of candidature besides legal action.
13. Date of entrance examination at all the three centres i.e., NDRI, Karnal, SRS, Bangalore and ERS, Kalyani: 18.06.2013
14. Last date of submitting Form – A by in-service candidates: Date of counseling
15. Declaration of merit list for qualified candidates & display on NDRI website: 10.07.2013
16. Last date for submitting Form B by other than in-service candidates: 31.07.2013
17. Date of first counseling and Registration for 2013-14 session at SRS, Bangalore: 01.08.2013
18. Display of vacant seats on NDRI website: 05.08.2013
19. Second counseling for wait listed candidates for filling up of vacant seats: 16.08.2013
20. Third counseling for vacant seats: 31.08.2013
21. Closing date for admissions: 31.08.2013

Website: www.ndri.res.in

Cost of Information Bulletin including Entrance Examination fees postal charges is Rs.600/-