

DIPLOMA IN DAIRY TECHNOLOGY INFORMATION BULLETIN 2014-15



**SOUTHERN REGIONAL STATION
NATIONAL DAIRY RESEARCH INSTITUTE**
(Deemed University, ICAR)
ADUGODI, BANGALORE-560 030



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1.0 National Dairy Research Institute

1.1 Introduction

National Dairy Research Institute (NDRI), Deemed University (here-in-after referred to as the Institute) serves as the prime centre for Research, Extension and Human Resource Development Programmes of the country in the field of Dairying. The Institute was 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 at Kalyani (West Bengal).



Administrative Block of NDRI Headquarters , Karnal

1.2 Objectives of the Institute

- 1.2.1 Dairy Education: Organizing and conducting programmes at the undergraduate post-graduate and doctoral levels in various branches of dairy science to meet manpower needs of the country.
- 1.2.2 Dairy Production: Conducting research and training in livestock nutrition, growth, reproduction, physiology, genetics/breeding and management to produce milk efficiently and economically.
- 1.2.3 Milk Processing: Conducting research and training in chemistry, microbiology, quality control and technology of milk and milk products, design and development of dairy equipment.
- 1.2.4 Economics, Management and Extension: Study and survey of 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 Term Training programmes and demonstration of package of practices for field application.
- 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 Organization

- 1.3.1 The Director is the administrative Head of the Institute and its Regional Stations. He is assisted by three Joint Directors in Administration, Academics and Research to coordinate the activities of various Divisions and Regional Stations.
- 1.3.2 Various research, academic and consultancy activities of the Institute are organized in the areas of dairy production, processing and management on the subject-matter basis through different Divisions/ Sections, namely, Dairy Cattle Breeding, Livestock Production and Management, Dairy Cattle Nutrition, Dairy Cattle Physiology, Dairy Chemistry, Dairy Engineering, Dairy Microbiology, Dairy Technology, Animal Biochemistry, Forage Research & Management, Dairy Economics, Statistics & Management, Dairy Extension and Animal Biotechnology.

1.4 Facilities in Education

There are modern facilities for delivery of lectures as the classrooms are provided with internet and multimedia gadgets. Each Division has well equipped UG and PG Laboratories for conducting 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.

1.5 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 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 and entrepreneurs. The revenue earned through consultancy services is utilized for

strengthening R&D infrastructure of the Institute.

1.6 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 include 51,045 books, 32,457 bound journals, 4,186 theses, 268 microfiches and 1,500 CDs. Library has an excellent computer section having fifty work stations 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.

1.7 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).

1.8 Placement Cell

The Institute has a Students' Counseling and Placement Cell for which a senior faculty member acts as Chairman. The placement

committee ensures the employment of the students of the Institute. 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. Students' counseling is also done at times of the advancement of their career in respective subject matter/discipline areas. The Institute has a very impressive track record of placement in highly competitive professions both within and outside the country.

2.0 Southern Regional Station

Southern Regional Station (SRS) of National Dairy Research Institute is the pioneering institution in Dairying and has undergone a series of changes during its history of more than ninety years. It has its origin on the 1st July 1923 as Imperial Institute of Animal Husbandry and Dairying established as a centre for training and research in dairying in the country. One of the memorable events of the Imperial Institute was the visit of Mahatma Gandhi in 1927 who got acquainted with scientific dairy farming. After independence, Imperial Dairy Research Institute was renamed as Indian Dairy Research Institute. The activities of the Institute were further strengthened during 1952-54 by locating a Central Artificial Insemination Centre, Key Village Scheme and Southern Regional Animal Nutritional Research Centre at Bangalore. Indian Dairy Research Institute was reorganised in 1955 and renamed as National Dairy Research Institute with headquarters at Karnal. The establishment at Bangalore was redesignated as Southern Regional Station of National Dairy Research Institute.



Entrance to SRS of NDRI, Bangalore

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

2.2 Activities: The Station is engaged in research, teaching, training, transfer of technology, extension and consultancy activities through following Sections: Dairy Chemistry and Bacteriology, Dairy Technology, Dairy Engineering, Dairy Production (Animal Genetics & Breeding, Animal Nutrition, Livestock Production & Management and Animal Biotechnology), Education & Training, Economics and Extension.

2.3 Education and Training Programmes: Post graduate programmes in Dairy Technology and Dairy Engineering and Ph.D programme in Dairy Engineering, and dissertation in postgraduate and Ph.D programmes in various disciplines of dairying are offered at this Station. Further, a number of short term training courses in milk production, processing and quality assurance of milk and dairy products are also being offered. Since 2013, the Station has been offering Diploma in Dairy Technology Programme.



Diploma in DT students with Director, NDRI at a function in SRS of NDRI, Bangalore

2.4 Dairy Production Facilities: The Regional Station has the necessary infrastructure needed for milk production. The fodder farm of 24 hectares raises high yielding fodder crops

round the year for a herd of about 250 cattle. The cattle farm houses about 250 cattle (200 Deoni and 50 crossbred). The milking average is 4.5 kg/day for Deoni and 12 kg/day for crossbred cows. Best yield of Deoni cow is 11.5 kg/day and 36 kg/day for crossbred cows.



Cattle farm at SRS of NDRI, Bangalore

2.5 Dairy Processing Facilities: The Experimental Dairy Plant has the capacity to process 1000 litres of milk/day. The plant has facilities for processing liquid milk and preparation of cheese, yoghurt, ice-cream, butter, milk powder and indigenous dairy products such as dahi, ghee, khoa, channa, paneer, kunda etc. A variety of dairy products manufactured and sold through the milk parlour are very popular in the city. The students and trainees of the Institute get hands on experience in the dairy plant. There are laboratories which are well equipped for carrying out sensory and texture analysis and characterization of dairy and food products.



Students working in experimental dairy of SRS of NDRI, Bangalore

2.6 Quality Assurance Facilities: The Station has well established laboratories for the evaluation of chemical and microbiological quality and safety of dairy and food products. These laboratories conduct research and training in Dairy Chemistry and

Microbiology as well as render analytical services for the dairy and food industry.



Director General of ICAR interacting with students in Dairy Chemistry Laboratory of SRS of NDRI, Bangalore

2.7 Engineering Facilities: The Dairy Engineering Section has mechanical, civil and electrical workshop facilities. The Section has research facilities for analyzing the physical, thermal and rheological properties and drying, packaging, retort processing, etc. of dairy and food products. The Section is also involved in shelf-life prediction and modelling of heat and mass transfer associated with various unit operations in the processing of dairy and food products.

2.8 Library Facilities: The Library holds 12,439 books, 10,857 bound volumes, 1,975 theses 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 Library also has facilities like photocopying, scanning and internet access.



Library at SRS of NDRI, Bangalore

2.9 Other Facilities: The Station has well established computer facilities with internet and Wi-Fi access. There are LAN enabled



Students in the Library of SRS of NDRI, Bangalore

Computer facilities (about 60 computer systems) to facilitate data analysis, documentation, e-mail communication and programming packages for staff and students.

A LAN with a modern web server networks the computers of different Sections and internet facilities are provided to all the Sections through the server. The staff and students are being connected through internet through BSNL Broadband of 2 MBPS.

Wi-Fi network is also being provided at the Institute largely to facilitate students.

Seminar Rooms and Auditoriums facilitate the conduct of meetings, student seminars and Institute functions. The Station has classrooms well equipped with audio visual aids. Workstations are established in the Sections for the PG and Ph.D students.



Students in the Computer Lab at SRS of NDRI, Bangalore



Students carrying out their work at workstation

The Station has good Hostel and guest house facilities for the students and visitors. The staff dispensary meets the medical needs of the staff and students. The Placement Committee of the Station ensures the employment of the students in dairy and food industry, regulatory bodies and academic institutions. The students of the Station are well placed professionally both in India and abroad

3.0 Academic Programmes

The following educational programmes are being offered at NDRI, Karnal and/or its Regional Stations.

Programmes offered at NDRI

<i>Programme</i>	<i>Offered at</i>
Diploma in DT	SRS of NDRI, Bangalore
B.Tech.)	NDRI, Karnal
PG and Ph.D	NDRI, Karnal, SRS of NDRI, Bangalore and ERS of NDRI, Kalyani



Students participating in ISO 22000 training programme at SRS of NDRI, Bangalore

Academic Highlights

- a. Admissions are strictly through Entrance Examinations.
- b. Institute follows a semester system. Each semester is of 18 to 19 weeks duration.
- c. Summer vacation is of 6 to 7 week duration.
- d. Regular academic sessions.
- e. Strict adherence of academic calendar and academic regulations.

3.1 Diploma in Dairy Technology (Diploma in DT)

3.1.1 Diploma in Dairy Technology is being offered from the year 2013 at Southern Regional Station of the Institute, Bangalore. This Diploma programme offers intensive training in dairy processing, quality assurance of milk and milk products, engineering aspects of dairy processing equipments and dairy business management.



Diploma students in the Microbiology Laboratory at SRS of NDRI, Bangalore

3.1.2 The duration of the Diploma in DT 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 imparted with In-plant Training in a Commercial Dairy Plant for one Semester.

4.0 Procedure for Application

4.1 Eligibility

The candidates having passed their 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 a recognized Indian University/Board after a period of 10 years of study are eligible to apply for the Entrance Examination for admission into Diploma in DT. The candidates must have secured at least 50% marks in the 10th standard or equivalent examination for General, OBC and UPS categories and 40% for SC/ST, PH and in-service categories. The candidates due to appear for the final examination of 10th Standard in 2014 may also apply for the Entrance Examination provided they complete the examinations and obtain the results on or before 31st July 2014.

Admission shall be made on the basis of merit through All India Entrance Examination conducted by the National Dairy Research Institute, Bangalore. The Entrance Examination will be conducted at NDRI Karnal, SRS of NDRI, Bangalore and ERS of NDRI, Kalyani, West Bengal.

4.2 Application

- 1) Application for admission shall be submitted in the prescribed form meant for the purpose.
- 2) The Application Form bears an Application Number at the top left corner on page 1. This number must be quoted in all correspondence regarding admission to this Institute. For the downloaded forms, the demand draft number should be quoted as reference number.
- 3) All correspondence for admission should be addressed to the **In-charge, Education and Training Section,**

Southern Regional Station, National Dairy Research Institute, Adugodi, Bangalore - 560 030. For all important dates please see the back of cover page of the Bulletin.

- 4) 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 should be attached, failing which the Application is liable to be rejected. **Original certificates should not be sent along with the Application Form.**
 - a) Certificate of date of birth.
 - b) Certificate of 10th standard examination or its equivalent examination passed.
 - c) Marks list indicating percentage of marks in each subject, total marks and class obtained, etc. of 10th standard or equivalent examination passed.
 - d) A Certificate from Head of the Institution indicating the marks/division obtained in the 10th Standard examination or equivalent examination passed.
 - e) In case of SC/ST and OBC candidates, a Certificate as per Annexure II/ III, respectively 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 places on the Application Form and Admit Card.
- 5) If a candidate willfully furnishes wrong information or suppresses any relevant information, his/her candidature/admission will automatically stand cancelled.
- 6) In order to obtain acknowledgement for the receipt of the Application by the Institute, candidates are advised to send their Application by registered post with acknowledgement due attached with the envelope containing the Application Form.
- 7) All original certificates and marks sheets are to be produced at the time of Counseling and Registration. Candidates who do not produce all the original certificates and mark sheets will not be admitted.
- 8) Roll Nos. and centre of examination of the eligible candidates will be **displayed only on NDRI website (www.ndri.res.in) on 12-05-2014**. The names of those who are not found eligible will be displayed separately. No dispatch of admit card shall be made. Therefore, all candidates are advised to visit the NDRI website and note down the Roll Nos. on both the copies of their admit card and bring the same with them to appear in the Entrance 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 and Selection Procedure

- 5.1 The **Entrance Examination** will be conducted at following centres on **20-05-2014**.

- a) NDRI, Karnal-132 001 (Haryana)
- b) Southern Regional Station, NDRI, Adugodi, Bangalore-560 030 (Karnataka)
- c) Eastern Regional Station, NDRI, A-12 Block, Kalyani - 741 235, Nadia Dist. (West Bengal)

- 1) There will be only one question paper based on Science, Mathematics and English Language of 10th Standard syllabus and General knowledge expected from 10th Standard candidates for 2 hours duration and of 150 marks. Paper will be of objective type with multiple choice questions.
- 2) The syllabus for Entrance Examination for Diploma in DT programme is appended in the Information Bulletin as Annexure-I.
- 3) The qualifying marks in the Entrance Examination will be 50% for General, OBC and UPS and 45% for SC/ST, PH and in-service categories.
- 4) The final selection for admission to Diploma in DT will be based on rank list prepared on the basis of marks obtained in the Entrance Examination.
- 5) Only those students who complete their qualifying examination in all respects latest before the commencement of academic session - 2014-15 (i.e., 31-07-2014) will be considered.
- 6) **The results will be announced on 30-06-2014** and the merit list showing marks of qualified candidates will be displayed on NDRI website.

6.0 Counseling Process

- 6.1 The qualified candidates will be called for counseling on a given date and 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 the latest situation of seat availability 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 (10th standard or equivalent) 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 and UPS 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 SRS of NDRI, Bangalore as per the dates given on the back of cover page under “**Important**”

Dates” of the Information Bulletin. The merit list, showing names of qualified candidates, made on the basis of marks obtained in the Entrance 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. **The candidates are required to visit NDRI website (www.ndri.res.in).**



Director General of ICAR interacting with the Students at SRS of NDRI, Bangalore

- 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**. The deposit will be adjusted towards fee payable during registration.
- 6.8 Candidates must appear in person at the time of counseling. In case a candidate is not in the position to present himself/herself, an authorized representative can attend the counseling on production of original certificates and authorization letter (Annexure-IV).
- ## 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 31-7-2014) 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% in the 10th standard or equivalent examination and 45% in the Entrance Examination. 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 Application Form duly completed and attached with all documents should reach the **In-charge, Education and Training Section, Southern Regional Station, National Dairy Research Institute, Adugodi, Bangalore- 560 030** on or before the closing date. Advance copy of the 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 Employer/Organisation) so as to reach the office on or before counseling **01.08.2014**.
 - iv) The eligible candidates will have to appear and qualify in the Entrance Examination.

v) The admission of in-service candidates will be decided on merit obtained in the Entrance Examination.

vi) The Application of ineligible candidates shall be rejected.

8.0 Number of seats: 20 + 5 (in-service candidates)

UR	10
SC (15%)	03
ST (7.5%)	02
OBC (27%)	<u>05</u>
Total	<u>20</u>

*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 will be admitted over and above the seats 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.



Diploma Students at SRS of NDRI

9.2 Reservation for Remote and Under Privileged States/Union Territories

2% Seats would be reserved for the candidates of the remote and Under Privileged States/ Union Territories (UPS/UT) namely Andaman and Nicobar Islands, Arunachal Pradesh, Dadra and Nagar Haveli, Daman & Diu, Goa, Lakshadweep, 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/UT will have to produce domicile certificate issued by the Competent Authority at the time of counseling.

9.3 Definition for Physically Handicapped

Candidates having permanent disability of not less than 40%, provided they are otherwise fit for admission are eligible under the category of physically handicapped. 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 Officer/Board constituted by the Head, SRS of NDRI, Bangalore 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 Diploma in DT candidates shall be 15 years on or before 31-07-2014 and the maximum age limit shall be 21 years as on 31-07-2014. Maximum age limit for in-service candidates will be 45 years as on 31.07.2014.

11.0 Award of Medals and Merit Certificates

11.1 The Diploma in DT 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 in DT is governed by the regulations of the Institute and as modified by it from time to time. Physical Education during the first year and In-Plant training in a commercial dairy for one semester are part of the syllabus. The medium of instruction is English.

12.2 The Diploma in DT 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, Paper Reading, Hobbies, Literary Activities, Declamation, Debate 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.



Students playing at SRS of NDRI, Bangalore

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 Station. A canteen 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 compliance by 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, mess, harmonious living and regulations regarding Hostel visiting hours are some of the important points that have to be adhered to by the hostellers.



Kamadhenu guest house at SRS of NDRI, Bangalore

- 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/Head of the Station shall be final in this regard.
- 14.4 In view of the limited availability of Hostel seats, accommodation will be on the basis of merit in Entrance Examination.



Students Hostel at SRS of NDRI, Bangalore

15.0 Health Care

- 15.1 A dispensary with a qualified medical doctor is available at Southern Regional Station to cater to the requirements of the students and staff. There is a full-fledged dispensing provision for common ailments to the students as well as 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 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 failing which offer for admission is liable to be withdrawn automatically. The candidates are also required to check for this information on the website of the Institute.
- 17.2 At the time of registration, the students must produce the following original documents:-
- Certificate of date of birth
 - Original certificates and mark sheets of all the examinations passed.
 - In case of SC/ST candidates, 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.
 - Three passport size photographs (which should not be more than 6 months old) for the preparation of ID card/ Hostel Forms.
- 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/her explanation is not found satisfactory, the authority would expel

him/her from the Institute. Affidavits need to be submitted by the student and Parent/Guardian as given in Annexure V & VI, 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.



Diploma Students with the Director, NDRI during Republic Day Celebration at SRS of NDRI

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/Head of the Station 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 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 by 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 court jurisdiction only.

NDRI Foundation Day Celebration at SRS, Bangalore



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.

Sl. No	Description of fee	Fee (Rs.)
1	Caution Money	10000.00
2	Registration Fee (per annum)	50.00
3	*Tuition Fee, per annum (To be paid in two installments semester wise)	4000.00
Hostel Charges		
4	Students Hostel Fee Hostel Fee, per annum (to be paid in two installments semester wise)	2000.00
5	Married Hostel Fee (i) Hostel Fee, per annum (To be paid on monthly basis) (ii) Electricity & Water charges	3000.00 Actual
6.	Charges for Guest Room in Hostel The Hostel charges for students/students guests for short stay are 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	150.00
8	Magazine Fee	50.00
9	*Welfare Fund	100.00
10	Sports Fund	100.00
11	Cultural and Literary Activities Fee	100.00
12	*Examination Fee (per semester)	300.00
13	Identity Card Fee	50.00
14	**Provisional Diploma Certificate	100.00
17	Late Registration Fine	250.00
18	**Alumni Association	250.00
19	**Migration Certificate	50.00
20	**Convocation Fee	100.00

- (i) Fee at * marked is exempted for Diploma in DT students belonging SC/ST category.
- (ii) Fee at ** marked will be charged in the 2nd year 1st Semester at the time of Registration along with the normal fee.
- (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 Head/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 Head/Joint Director/Director on the submission of an Application through the Incharge, Education and Training Section, 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.

24.0

2014-15 Session

2014

First Semester

August

- | | |
|-----------------|---|
| 1 st | Registration and payment of fees (for fresh students) |
| 4 th | Orientation Programme for freshers |
| 5 th | Classes begin |

December

- | | |
|-----------------|--------------------------------|
| 5 th | Last working day |
| 9 th | Examinations begin (Tentative) |

2015

Second Semester

January

- | | |
|------------------|----------------------------------|
| 9 th | Registration and payment of fees |
| 12 th | Classes begin |

May

- | | |
|------------------|--------------------------------|
| 16 th | Last working day |
| 26 th | Examinations begin (Tentative) |

ANNEXURE-I**SYLLABUS FOR ENTRANCE EXAMINATION FOR DIPLOMA IN DT
(10TH STANDARD LEVEL)****ENGLISH - LANGUAGE**

Parts of speech-The noun-the pronoun-the verb-agreement of verb with subject-the adjective-the adverb-the preposition-the conjunction-the interjection-articles and uses-punctuation marks-capital letters-direct and indirect speech-transformation of sentences-passive and active-affirmative and negative.

GENERAL KNOWLEDGE

General Awareness pertaining to current affairs expected from the 10th Standard students.

MATHEMATICS**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.

Algebra**Polynomials**

Definition of a polynomial in one variable, its coefficients, its terms, zero polynomial. Degree of a polynomial. Constant, linear, quadratic, cubic polynomials; monomials, binomials, trinomials. Factors and multiples. Zeros/roots of a polynomial / equation. Theorem with examples and analogy to integers. Factor Theorem. Algebraic expressions and identities. Factorization of polynomials. Simple expressions reducible to these polynomials.
Relationship between zeros and coefficients of quadratic polynomials

Linear Equations in Two Variables

Linear equations in two variables. Ordered pairs of linear real numbers, ratio and proportion and algebraic and graphical solutions

Pair of Linear Equations

Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination and by cross multiplication.

Quadratic Equation

Standard form of a quadratic equation. Solution of the quadratic equations (only real roots). Relationship between discriminant and nature of roots.

Arithmetic Progressions

General terms of AP, finding the n^{th} term and sum of first terms

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

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 $y = mx + c$.

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

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.

Trigonometry**Introduction to Trigonometry**

Trigonometric ratios of angles (sin, cos and tan of 0, 30, 45, 60, 90°)
Simple height and distance problems.

SCIENCE**Food Production**

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

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, Organisms

Structure and functions of animal and plant tissues (four types in animals; meristematic and permanent tissues in plants).

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).

Health and diseases: Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation. Diseases caused by microbes (Virus, Bacteria and protozoans) and their prevention, Principles of treatment and prevention. Pulse polio programmes.

Environmental 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

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.

Reproduction: Reproduction in animal and plants (asexual and sexual)

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

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.

Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable, substances.

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.

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.

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.

Force and Newton's laws: Force and motion, Newton's laws of motion, inertia of a body, inertia and mass, momentum, force and acceleration. Elementary idea of conservation of momentum, action and reaction forces.

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

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).

Effects of Current

Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its Application in daily life. Heating effect of Electric current and its Application 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. Electro-magnetic 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.

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, Application of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, Application in daily life.

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.

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.

Periodic classification of elements: Need for classification, Modern Periodic Table, gradation in properties, valency, atomic number, metallic and non-metallic properties.

RECOMMENDED BOOKS

Standard Textbooks of 10th Standard

ANNEXURE-II

**SCHEDULED CASTE/TRIBE CERTIFICATE
FORMAT CASTE CERTIFICATE**

1. This is to certify that Shri/Smt/Kumari..... Date of BirthSon/Daughter ofof village/townin District/Division of State/Union Territorybelongs to theCaste/Tribe which is recognized as SC/ST under The Constitution (Scheduled Caste) Order, 1950. The Constitution (Scheduled Caste) Union Territories Order, 1951. The Constitution (Scheduled Tribes) Union Territories Order, 1951, as amended by the SCs And STs List (Modification) Order, 1950. The Bombay Reorganisation Act, 1960; The Punjab Reorganization Act, 1966; The State Of HP Act, 1970; The North Eastern Areas (Reorganisation) Act, 1971 and the SCs And STs Order (Amendment) Act, 1976. The Constitution (Jammu & Kashmir) SC Order, 1956. The Constitution (Andaman & Nicobar Islands) SC Order 1959 as amended by SCs and STs Order (Amendment) Act, 1976. The Constitution (Dadra And Nagar Haveli) SCs Order, 1962. The Constitution (Dadra And Nagar Haveli) STs Order, 1962. The Constitution (Pondicherry) SCs Order, 1964. The Constitution Scheduled Tribes (Uttar Pradesh) Order, 1967. The Constitution (Goa, Daman & Diu) SCs Order, 1968. The Constitution (Nagaland) STs Order, 1970. The Constitution (Sikkim) SCs Order, 1968.

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:

- (i) i. Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No.186 dated 13/09/93.
 - 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.
 - iv. Resolution No. 12011/96/94-BCC dated 9/03/96.
 - v. Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210 Dated 11/12/96.
 - vi. Resolution No. 12011/13/97-BCC dated 03/12/97.
 - vii. Resolution No. 12011/99/94-BCC dated 11/12/97.
 - viii. Resolution No. 12011/68/98-BCC dated 27/10/99.
 - ix. Resolution NO. 12011/88/98-BCC Dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.
 - x. Resolution NO. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
 - xi. Resolution NO. 12011/44/99-BCC Dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
 - xii. Resolution NO. 12015/9/2000-BCC dated 06/09/2001.
 - xiii. Resolution NO. 12011/1/2001-BCC dated 19/06/2003.
 - xiv. Resolution NO. 12011/4/2002-BCC dated 13/01/2004.
 - xv. Resolution NO. 12011/9/2004-BCC dated 16/01/2006
 - xvi. Published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.
 - xvii. Resolution NO. 12011/14/2004-BCC dated the 12th March, 2007, published in the Gazette of India-Extraordinary-Part I, Section 0-I, No.67 dated 12th January, 2007.
- 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.

Place:
 Date:

Signature of the Candidate

- **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/creamyayer.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.

ANNEXURE-IV

**PROFORMA FOR AUTHORITY LETTER AND UNDERTAKING FOR
AUTHORISED REPRESENTATIVE TO PARTICIPATE IN COUNSELING ON
BEHALF OF CANDIDATE AUTHORITY LETTER**

I.....Son/Daughter of Shri.....
bearing Roll No..... do hereby authorize
Shri/Mrs/Miss..... Son/Wife/Daughter of
Shri.....R/o.....
..... to represent me on..... (date) before the Committee for
allotment of a seat in University/Institute.

The signature and Photograph of above named person are attested below:

Coloured
Photograph
of the
Candidate

Attested by the Principal
of School/College/Head
of Institution Last
attended or by a Gazetted
Officer (With full of
address of Attesting
Authority)

Name

Roll.No.

Coloured
Photograph
of the
Representative

Photograph of
representative to be
attested by Gazetted
Officer.

(Signature of the
authorized representative)
(Attested by the
Candidate)

ISon/Daughter
of Shri.....aged Years
bearing Roll No. placed at Merit Rankin
DIPLOMA IN DT Entrance Examination 2014 for Admission at NDRI, Bangalore do hereby
solemnly affirm and undertake that the decision of my authorized representative Shri/Mrs./Miss
..... Son/Daughter/Wife of Shri
.....regarding the allotment of seat in
the University on the date of personal appearance
(.....) shall be binding on me and I
shall not have any claim whatsoever, other than the decision taken by my authorized
representative on my behalf.

.....
(Signature of the Candidate)

Name:
Roll No:
Merit Rank:

NOTE: Any authorized representative cannot represent more than two candidates.

**ANTI-RAGGING MEASURES: SUBMISSION OF AFFIDAVIT BY
THE STUDENTS/PARENT/GUARDIAN**

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- V and Annexure-VI 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-V and VI. The Annexure-V is to be signed by the student and Annexure-VI 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-V

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) 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 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-VI

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, NDRI KARNAL

1. A.K. Srivastava, Ph.D	Director
2. G.R.Patil, Ph.D	Joint Director (Academic & Research)
3. J.K.Kewalramani, MBA, M. Soc. Sci. (UK)	Joint Director (Administration) & Registrar
4. S.K Kanawjia, Ph. D.	Academic Coordinator
5. I.K.Sawhney, Ph.D	Controller of Examinations
6. S.George, MA, PGDLA	Comptroller
7. Mithlesh Kumar, M.Sc., PGDCSA	Sr. Fin. & Acts. Officer
8. Rekha Sharma, M.B.B.S.	Sr. Medical Officer
9. Manoj Kumar, M.B.B.S.	Sr. Medical Officer
10. Meena Malik, M.Phil, Ph.D	Assoc.Prof. (English)
11. Ram Shanker, M.A.	Deputy Director (Official Language)
12. Ashutosh, Ph.D	Incharge Security
13. Sarita Yadav	Admn. Officer (University)
14. A.G.Barapatre	Assistant Admn. Officer (University)

SRS of NDRI, BANGALORE

1. S.Kulkarni, Ph.D	Head
2. B.Surendra Nath, Ph.D	Incharge, Education and Training Section
3 T.R.Thivija Kumari, M.A.,B.Ed	Technical Officer, Education & Training
4. Siddaramanna, Ph.D	Class Teacher for Diploma in DT
4. V.R.V Surendranath Naik, M.B.B.S, M.D.	Sr.Medical Officer
5. S.Shashikala	Asst. Admn. Officer
6. M.C.A.Devi, Ph.D,	Chief Hostel Warden
7. Mukund A.Kataktalware, Ph.D	Hostel Warden & In-charge Guest House
8. S. Jeyakumar, Ph.D	Associate Warden
9. S.Subash, Ph.D	Associate Warden

ERS of NDRI, KALYANI

T.K.Datta, Ph.D	Head
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CONTACT PERSONS IN UNIVERSITY OFFICE

1. Subhash Chander Dhiman, Hr. Sec.	Under-graduate Programme
2. Rekha Verma, B.A.	Post Graduate Programme
3. Sukhdev Singh Chauhan, B.A.	Doctoral Programme
4. Satpal Hans, B.A	Financial Affairs
5. Ilam Chand Sharma, Intermediate	Academic Affairs
6. Bhagwan Dass, B.A.	Examination Activities

NDRI FACULTY, KARNAL

Dairy Microbiology Division

R.K. Malik, Ph.D	Head
Sunita Grover, Ph.D	Principal Scientist
A.K.Puniya, Ph.D	Principal Scientist
S.K.Tomar, Ph.D	Principal Scientist
Naresh Kumar, Ph.D	Principal Scientist
Chand Ram, Ph.D	Principal Scientist
Shilpa Vij, Ph.D	Sr. Scientist
Surajit Mandal, Ph.D	Scientist
Raghu H.V., M.Sc.	Scientist
Rashmi H.M., M.Sc.	Scientist
Pradip V. Behare, Ph.D	Scientist
R.P. Singh, Ph.D	Technical Officer
Inder Kumar, M.Sc.	Technical Officer
Chamela Ram, B.A.	Technical Officer
Yogita Sharma	Technical Officer

Dairy Chemistry Division

Bimlesh Mann, Ph.D	Head
Darshan Lal, Ph.D	Principal Scientist
Raman Seth, Ph.D	Principal Scientist
Sumit Arora, Ph.D	Principal Scientist
Vivek Sharma, Ph.D	Principal Scientist
Rajan Sharma, Ph.D	Principal Scientist
Rajesh Kumar, Ph.D	Principal Scientist
P.C. Singh	Technical Officer

Dairy Technology Division

Vijay Kumar, Ph.D	Head
S.K. Kanawjia, Ph.D	Principal Scientist
Latha Sabikhi, Ph.D	Principal Scientist
A.K. Singh, Ph.D	Senior Scientist
Kaushik Khamrui, Ph.D	Senior Scientist
P. Narender Raju, Ph.D	Scientist
G.S. Meena, M.Tech.	Scientist
Yogesh Khetra, M.Tech.	Scientist
Prateek Sharma, M.Tech.	Scientist
Sathish Kumar M.H, M.Tech	Scientist
Devaraja H.C., M. Tech.	Scientist
Shaik Abdul Hussain, Ph.D	Scientist
Lehri Singh, M.Sc.	Technical Officer
S.K. Kharb, IDD (DT), MA	Technical Officer
Savitri Jhamb, B.Sc	Technical Officer
Prabha Sharma, Dip in LT	Technical Officer

Dairy Engineering Division

A.K.Dodeja, Ph.D	Head
I.K.Sawhney, Ph.D	Principal Scientist
Bikram Kumar, M.Tech	Principal Scientist
P.Barnawal, Ph.D	Scientist
P.S.Minz, M.Tech	Scientist
S.K.Chaudhry, A.M.I.E.	Technical Officer
J.K.Dabas, M.Tech	Scientist
Pawan Kumar, ITI	Technical Officer
Sunil Kumar, M.E.	Technical Officer
O.P.Muhal, Dip	Technical Officer

Animal Biochemistry Division

Y.S. Rajput, Ph.D	Head
S.K.Atreja, Ph.D	Principal Scientist
R.K. Sharma, Ph.D	Principal Scientist
Gautam Kaul, Ph.D	Principal Scientist
Dheer Singh, Ph.D	Principal Scientist
Suman Kapila, Ph.D	Principal Scientist
Rajeev Kapila, Ph.D	Principal Scientist
S.K. Sood, Ph.D	Sr.Scientist
S.K. Ontery Ph.D	Sr. Scientist
Sunita Meena, M.Sc.	Scientist
Ravikant Saini	Technical Officer
Karam Singh	Technical Officer

Dairy Cattle Breeding Division

B.R.Yadav, Ph.D	Head
G.K. Sachdeva, Ph.D	Principal Scientist
A.K. Gupta, Ph.D	Principal Scientist
A.K. Chakravarty, Ph.D	Principal Scientist
Archana Verma, Ph.D	Principal Scientist
I.D. Gupta, Ph.D	Principal Scientist
Avtar Singh, Ph.D	Principal Scientist
Omvir Singh	Technical Officer

Livestock Production & Management

Shiv Prasad, Ph.D	Prin. Sci. & I/c LPM
P.S. Oberoi, Ph.D	Principal Scientist
Pawan Singh, Ph.D	Principal Scientist
R.K. Mehla, Ph.D	Principal Scientist
T.K. Mohanty, Ph.D	Senior Scientist

M.L.Kamboj, Ph.D	Senior Scientist
S.S. Lathwal, Ph.D	Senior Scientist
Ramesh Chandra, Ph.D	Senior Scientist
A. Kumaresan, Ph.D	Senior Scientist
Mukesh Bhakat, Ph.D	Senior Scientist
A. Mani Maran, M.V.Sc	Scientist
Nishant Kumar, M.V.Sc.	Scientist
Rubina Kumari Baithalu	Scientist
Shiv Kumar, M. Sc.	Technical Officer

Smita Sirohi, Ph.D	Principal Scientist
Ravinder Malhotra, Ph.D	Principal Scientist
A.K. Sharma, Ph.D	Senior Scientist
Rishikanta Singh, Ph.D	Scientist
Udita Chaudhary, M.Sc.	Scientist
D.K.Jain, Ph.D	Emeritus Scientist
Tara Chand B.Sc.	Technical Officer

Dairy Cattle Nutrition

S.S. Kundu, Ph.D	Head
J.P. Sehgal, Ph.D	Principal Scientist
Neelam Kewalramani, Ph.D	Principal Scientist
S.S. Thakur, Ph.D	Principal Scientist
Madhu Mohini, Ph.D	Principal Scientist
S.K. Tomar, Ph.D	Principal Scientist
Veena Mani, Ph.D	Principal Scientist
A.K. Tyagi, Ph.D	Principal Scientist
Chander Datt, Ph.D	Senior Scientist
N.Tyagi	Senior Scientist
Goutam Mondal, Ph.D	Scientist
Raj Bahadur, B.Sc.	Technical Officer
Karan Singh, M.Sc.	Technical Officer

Dairy Cattle Physiology

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

Dairy Economics, Stat. & Management

K.K. Datta, Ph.D	Head
B.S.Chandel, Ph.D	Principal Scientist
A.K.Chauhan, Ph.D, PGDPM	Principal Scientist

Dairy Extension

Ponnuswamy, Ph.D	Head
Jancy Gupta, Ph.D	Principal Scientist
Khajan Singh, Ph.D	Principal Scientist
K.S. Kadian, Ph.D	Principal Scientist
S.K. Jha, Ph.D	Principal Scientist
Gopal Sankhala, Ph.D	Principal Scientist
B.S. Meena, Ph.D	Senior Scientist
H.R.Meena, Ph.D	Senior Scientist
Ritu Chakravarty, M.Sc.	Scientist (SG)
R.Senthil Kumar, Ph.D	Scientist
Asif Mohammad, Ph.D	Scientist
N.S. Sirohi, Ph.D	Veterinary Officer
Parvinder Sharma, Ph.D	Technical Officer
M.Upadhyay, M.A.	Technical Officer

Animal Biotechnology Centre

R.S.Manik, Ph.D	Prin.Sci. & I/c ABTC
P. Palta, Ph.D	Principal Scientist
S.K. Singla, Ph.D	Principal Scientist
M.S. Chuahan, Ph.D	Principal Scientist
T.K. Datta, Ph.D	Principal Scientist
D. Malakar, Ph.D	Principal Scientist
S. De, Ph.D	Principal Scientist
A.K. Mohanty, Ph.D	Principal Scientist
J. K. Kaushik, Ph.D	Principal Scientist
Rakesh Kumar, Ph.D	Senior Scientist
M.K. Singh, Ph.D	Scientist
Sudarshan Kumar, Ph.D	Scientist

Computer Centre

A.K.Sharma, Ph.D, PGDC.	Sr. Sci. & I/c
Anirudha Kumar, M.Sc	Technical Officer
Gian Singh, M.Sc.	Technical Officer
Naresh Dahiya, M.Tech.	Technical Officer

Krishi Vigyan Kendra

Dalip K. Gosain, Ph.D	Head
C.J. Juneja, Ph.D	Technical Officer
S.K. Gupta	Technical Officer
Saroj Mehta, M.Sc.	Technical Officer
Satya Pal, M.V.Sc.	Technical Officer
Mohar Singh, M.Sc.	Technical Officer
Rajeshwar Dayal, B.Sc.	Technical Officer
Kulvir Singh, M.Sc.	Technical Officer

Experimental Dairy

A.K. Sharma, B.Sc.	Dairy Superintendent
Hari Ram Gupta, M.Sc.	Technical Officer
A.K. Kohli, Dip.	Technical Officer
P. Mandal, IDD	Technical Officer
Sanjeev Kumar, M.A.	Technical Officer
T.L. Jaggi, ITI	Technical Officer
Subhash Chander	Technical Officer

FR & MC, NDRI, Karnal

Ashutosh, Ph.D	Principal Scientist & I/c
Magan Singh, D.Phil.	Senior Scientist
Satish Kumar, M.Sc.	Technical Officer
Uttam Kumar, Ph.D	Technical Officer
Ramesh Chand, B.Sc	Technical Officer
Anil Kumar Dagar, M.Sc	Technical Officer
Ravi Rawat, M.Sc	Technical Officer

Library Services

B.R. Yadav, Ph.D	Head
B.P. Singh, M.Lib.	Technical Officer

SRS OF NDRI FACULTY, BANGALORE

Satish Kulkarni, Ph.D	Head
C. N. Pagote, Ph.D	Principal Scientist
B.Surendra Nath, Ph.D	Principal Scientist
B. C. Ghosh, Ph.D	Principal Scientist
B.V.Balasubramanyam, Ph.D	Principal Scientist
P. K. Dixit, Ph.D	Principal Scientist
K. P. Ramesha, Ph.D	Principal Scientist
Bandla Srinivas, Ph.D	Principal Scientist
K. Jayaraj Rao, Ph.D	Principal Scientist
D. N. Das, Ph.D	Principal Scientist
M. C. A. Devi, Ph.D	Senior Scientist
S. Jeyakumar, Ph.D	Senior Scientist

P. Heartwin Amaladhas, Ph.D	Senior Scientist
Chitranayak, M.Tech.	Senior Scientist
M.Sivaram, Ph.D	Senior Scientist
Menon Rekha Ravindra, Ph.D	Senior Scientist
M. A.Kataktalware, Ph.D	Senior Scientist
F. Magdaline E. Emerald, ME.	Scientist (SS)
Manjunatha. M., Ph.D	Scientist
S. Varalakshmi, M.V.Sc.	Scientist
S. Subash, Ph.D	Scientist
P. Muruganantham, M.Lib	Technical Officer
Nanjundaswamy, M.Lib	Technical Officer
V.R.V.S.Naik, MBBS, MD	Technical Officer
L. Krishnamurthy, M.Sc.	Technical Officer
M. Sreenath, M.Sc.	Technical Officer
Sarwar, M.Sc.	Technical Officer
P.Aravindakshan, M.Sc, PGDBA	Technical Officer
M. K. Vedavathi, B.Sc.	Technical Officer
B. K. Rajashekaraiyah, B. Sc	Technical Officer
K.L. Sampath, B.Sc.	Technical Officer
J.Nageswara Rao, Dip. In Mech.	Technical Officer
Veeraju, B.E.	Technical Officer
P.G. Satish, B.V.Sc.	Technical Officer
T.R.Thivija Kumari, M.A,B.Ed	T.O. & Hindi Officer
Siddaramanna, Ph.D	Technical Officer
K.P.Lakshminarayanappa	Technical Officer
M.S.Nagarajaiah	Technical Officer

ERS OF NDRI FACULTY, KALYANI

T.K. Datta, Ph.D	Head
R.A.Dey, Ph.D	Senior Scientist
Lotan Singh, Ph.D	Senior Scientist
M.K. Ghosh, Ph.D	Senior Scientist
S.K. Das, Ph.D	Senior Scientist
Ajay Mandal, Ph.D	Senior Scientist
Anupam Chatterjee, Ph.D	Senior Scientist
Sanchita Garai, Ph.D	Scientist
V.P.Verma, B.Sc., B.Lib. ci., M.A.	Technical Officer
Alokesh Goswami, M. Sc	Technical Officer
Amitava Ghosh, M.V.Sc.	Technical Officer
Somnath Dutta, M.V.Sc.	Technical Officer
P.Saha, M.Sc.	Technical Officer
Harish Yadav, M. Tech	Technical Officer

NOTES

13. Choice of Examination Centre (Must fill your choice)
(Karnal-1, Bangalore -2, Kalyani-3)

14. Give particulars of the 10th class examinations passed
(Note: Attach attested copies of all certificates and marks sheets)

a. Name of the Examination:

b. Name of the Board:

c. Subject wise Marks & Percentage:

Subject	Max Marks	Marks obtained	Percentage
English			
II Language			
III Language			
Mathematics			
Science			
Social Studies			
Total			

15. Are you appearing in the Final Examination in 2014? Yes/No
(For admission into the Diploma Programme, all requirements for the qualifying examination must be completed on or before 31.07.2014).

If yes, please give the details

- a. Name of the Examination: _____
b. Likely Date of Completion: _____
c. Name of Board: _____

16. Are you In-service Candidate being in regular employment? Yes/No
(Must have two years of service as on 31.07. 2014 for consideration in-service category)

If yes, attach Form 'A' and give the following information

- a. Whether employed in _____ Central govt./State Govt./Dairy/ Food Industry
b. Employment Record details in the present Organisation

Name of the Organisation	Regular Post Held	Date of Joining	Total Service

- c. Nature of Duties _____
d. Are you sponsored by your Employer? Yes/No

17. If the Application Form is downloaded from the website, please attach a crossed Demand Draft for Rs.600/- drawn in favour of ICAR Unit, NDRI, Bangalore and payable at Bangalore, along with the Application Form and give the details of the D.D.

D.D. No. _____ Date _____ Drawn on _____

18. Declaration by the Candidate: I hereby solemnly and sincerely affirm that the statement made/information furnished by me with Application Form is true and correct.

Date: _____

Signature of the Candidate

OFFICE COPY
(For office use only)

Provisional

Application No. 2014 - _____

Roll No. _____

ADMIT CARD

(To be filled in by the candidate)

1. Name : _____
2. Programme : Diploma in DT
3. Date of Examination : **20.05.2014**
5. Examination Centre (Code) : _____
6. Signature of Applicant: _____

Affix
Attested
Recent
PHOTOGRAPH

I/c, Education & Training, NDRI, Bangalore

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 Examination.
3. In case you have brought Form-A or 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

Application No. 2014 - _____

Roll No. _____

ADMIT CARD

(To be filled in by the candidate)

1. Name : _____
2. Programme : Diploma in DT
3. Date of Examination : **20.05.2014**
4. Examination Centre (Code) : _____
5. Signature of Applicant: _____

Affix
Attested
Recent
PHOTOGRAPH

Academic Coordinator, NDRI, Karnal /

I/c, Education & Training, SRS of NDRI, Bangalore /

I/c, Academic Cell, ERS of NDRI, Kalyani

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 Examination.
3. In case you have brought Form-A or 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

Application No. 2014 - _____

Roll No. _____

**SPONSORSHIP CERTIFICATE OF THE EMPLOYER FOR SEEKING ADMISSION TO
DIPLOMA IN DAIRY TECHNOLOGY PROGRAMME**

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 in Dairy Technology at National Dairy Research Institute, Deemed University, Bangalore.

It is also certified that in case of admission the above employee will be relieved to join the programme at NDRI, Bangalore by 1st Aug., 2014 and will be paid salary and other allowances as per Study Leave Rules.

Place _____
Date _____
Address _____

Signature: _____
(Head of Organisation only)

Official Seal

FORM – B

Application No. 2014 - _____

Roll No. _____

(To be used by the candidate who is not able to submit marks list for Qualifying Examination (10th Standard and equivalent) at the time of submitting the Application)

1. If you have not been able to complete the column No. 14 of Application, retain this Form - B with you and submit it to the Incharge, Education & Training Section, National Dairy Research Institute (Deemed University), Bangalore – 560 030 along with attested copies of marks list by **31.07.2014** (by registered post), failing the same your Application will be rejected. **For admission at NDRI your qualifying course must be completed latest by 31.07.2014.**

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

3. Full Name (In Block Letters) : _____

4. Programme applied for : Diploma in Dairy Technology

14.

Details of the marks obtained in the Qualifying Examination subject wise	Year of Passing	Maximum Marks	Marks obtained	Percentage

Encl. As above

Place _____
Date _____

Signature of Applicant _____

IMPORTANT INSTRUCTIONS

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 for SC/ST/OBC categories)
 - c. Attested photographs are affixed at the appropriate places in the Application Form and the Admit Card.
 - d. Admit cards have been duly filled in. Office copy of the Admit Card should be attached with the Application Form.
2. Incomplete Application is liable to be rejected.
3. NDRI 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 NDRI website.
5. Candidates are advised to visit the NDRI website to note down the Roll No. on their Admit Cards and bring the same with them to appear in the examination.



DIRECTIONS TO CANDIDATES AND IMPORTANT DATES

1. Sale of Information Bulletin by post 21.03.2014 - 21.04.2014
2. Sale of Information Bulletin in counter 21.03.2014 - 26.04.2014
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/OBC/PH category must attach the certificate in the prescribed format.
8. Application Form 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 Form 03.05.2014
10. Display of Roll Nos. on website 12.05.2014
Display of list of rejected application on website 12.05.2014
11. Date of Entrance Examination 20.05.2014
(10:00 am to 12:00 noon)
12. Institute shall not be responsible for any postal delay/loss of transit in respect of Application.
13. 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.
14. Use or attempt to use unfair means of any kind for this examination will automatically lead to the cancellation of candidature besides legal action.
15. The records of the Entrance Examination shall be preserved for a period of six months only from the last date of counseling.
16. Date of Entrance Examination at all the three centres i.e., NDRI, Karnal, SRS, Bangalore and ERS, Kalyani 20.05.2014
17. Declaration of merit list for qualified candidates and display on NDRI website 30.06.2014
18. Last date of submitting Form – A by in-service candidates 01.08.2014
19. Last date for submitting Form B by candidates other than in-service candidates 01.08.2014
20. Date of First Counseling and Registration for 2014-15 Session. 01.08.2014
21. Display of vacant seats on NDRI website 06.08.2014
22. Second counseling for wait listed candidates for filling up of vacant seats 12.08.2014
23. Third counseling for vacant seats 20.08.2014

www.ndri.res.in

Cost of Information Bulletin including Entrance Examination fees and Postal Charges is Rs.600/-