

# Ph.D Programme For Native, Foreigners, NRI and OCI

Engineering | Physics | Chemistry | Maths | English | Management | Law



**Admission Policy & Selection Procedure - January 2024  
(Academic Year 2023-24)**

## **Contents**

Introduction	1
Eligibility for Admission	2
Intake for January 2024 Ph.D. Admission	4
Procedure for Admission	5
How to Apply	6
Application Fee	6
Programme Fee	7
Fellowships & Contingency	7
Documents required at the time of Application and Admission	8
Course Work Requirement	8
Duration of Ph.D. Programme	9
Grievance Redressal	9
Withdrawal Policy	10
Zero Tolerance Policy to Ragging	10
Faculty	11
Students Discipline	14
Limited Liability	14
Jurisdiction	14
Helpline/Whom to Contact	15
Important Dates	16
NCU Ph.D. Entrance Test (NPET), Jan 2024	16-18
Annexures & Forms	
Application Form (Form-1)	19
Declaration cum Undertaking (Form-2)	22
University Fellowship Application Form	23-25



**ADMISSION POLICY, SELECTION PROCEDURE AND TEACHING & RESEARCH FELLOWSHIP  
JANUARY 2024  
(ACADEMIC YEAR 2023-24)  
FOR DOCTOR OF PHILOSOPHY (Ph.D.)  
IN  
(ENGINEERING, PHYSICS, CHEMISTRY, MATHS, ENGLISH, MANAGEMENT & LAW)  
FOR NATIVE, FOREIGNERS, NRI AND OCI**

---

**1. INTRODUCTION**

1.1 The NorthCap University (NCU), Gurugram, Haryana has been established by the Haryana State Legislature under the Haryana Private Universities Act (Third amendment), 2009.

1.2 The NorthCap University, Gurugram, Haryana is a self-financed multi-disciplinary University recognized by UGC under Section 2(f) of the UGC Act, 1956. For all details of the University and courses run, refer to NCU website at [www.ncuindia.edu](http://www.ncuindia.edu). The NorthCap University has been included by UGC in their select list of approved Universities. This list of recognized Universities can be obtained from the UGC website [www.ugc.ac.in](http://www.ugc.ac.in).

The University has a comprehensive and transparent policy regarding fee structure, refund, cancellation & withdrawal policy. The Fee Structure is in compliance with Para 36(1) of the Haryana Private Universities Act 32 of 2006, while the Refund & Cancellation policy is in line with UGC/MHRD/AICTE policy on the matter as per UGC Notification dated 02 November 2018.

1.3 This policy shall be called the “**ADMISSION POLICY & SELECTION PROCEDURE-2024**” (APSP-2024) for admission to DOCTOR OF PHILOSOPHY PROGRAMME (Ph.D.) awarded by The NorthCap University, Gurugram.

1.4 This policy has been prepared in accordance with the First Ordinances of The NorthCap University duly approved by Government of Haryana and ensures that admissions are made strictly in accordance with merit and in line with UGC guidelines in a fair and transparent manner in the interest of all concerned.

1.5 While every effort has been made to ensure that the information contained in this document is accurate at the time of publication, all matters that it covers may be subject to change without notice. The University does not intend, by the publication of this document, to create any contractual or other legal relation with the students, their advisors or any other persons. The NorthCap University reserves the exclusive right to change or withdraw, without notice, any statement in this document.

1.6 The Ph.D. Degree in NCU shall be awarded discipline wise which are as follows:

- a) Ph.D. in Engineering and Technology
- b) Ph.D. in Applied Sciences (Physics/ Chemistry/ Mathematics)
- c) Ph.D. in English
- d) Ph.D. in Management Studies
- e) Ph.D. in Legal Studies
- f) Ph.D. in Liberal Studies

## 2. ELIGIBILITY FOR ADMISSION

### **[A] SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)** **(ENGINEERING, PHYSICS, CHEMISTRY, MATHEMATICS, ENGLISH)**

#### **a. Admission in Engineering:**

M Tech/M.E. degree in relevant branch of Engineering with minimum 60% marks\* in aggregate or equivalent CGPA

\* 5% relaxation in minimum eligibility criteria for working professionals (industry / Govt. /Autonomous bodies / public sector undertakings) with more than 10 years of experience.

or

B. Tech./B.E. degree in relevant branch of engineering from IIT/NIT or the university and institution within 100 NIRF ranking in the academic year of consideration or NAAC grade A/A+/A++ with 8.5 CGPA or equivalent percentage in aggregate.

or

MCA / MSc (Electronics/Computer Science/Information Technology) with minimum 8.5 CGPA or equivalent percentage in aggregate [only for admission in CSE dept. or EECE discipline].

Note: The candidate taking admission in Electrical Engineering discipline, Electronics & Communication Engineering discipline, Mechanical Engineering discipline, and Civil & Environmental Engineering discipline will be registered in the dept. of Multidisciplinary Engineering.

#### **b. Admission in Applied Sciences:**

M.Sc. in relevant branch (Physics, Chemistry, Mathematics) degree with minimum 60% marks\* in aggregate or equivalent CGPA and a valid GATE/NET/JRF/SLET score.

or

M.Sc. in relevant branch (Physics, Chemistry, Mathematics) degree with minimum 67.5% marks\* in aggregate or equivalent CGPA.

\* 5% relaxation in minimum eligibility criteria for working professionals (industry / Govt. /Autonomous bodies / public sector undertakings) with more than 10 years of experience.

#### **c. Admission in Humanities:**

MA (English) or M.Phil. (English) degree with minimum 55% marks in aggregate or equivalent CGPA

### **[B] SCHOOL OF MANAGEMENT & LIBERAL STUDIES**

A candidate seeking admission to the Ph.D. Program under School of Management & Liberal Studies of NCU must have obtained post-graduation in any branch of Engineering, Management, Economics, Commerce, Operations Research or other relevant disciplines subject to approval of School of Management & Liberal Studies with min. 60% marks\* in aggregate or equivalent CGPA.

\* 5% relaxation in minimum eligibility criteria for working professionals (industry / Govt. /Autonomous bodies / public sector undertakings) with more than 10 years of experience.

or

Four-year undergraduate research degree / honors in any branch of Engineering, Management, Economics, Commerce, Operations Research or other relevant disciplines subject to approval of School of Management & Liberal Studies from IIM or the university and institution within 100 NIRF ranking in the academic year of consideration or NAAC grade A/A+/A++ with minimum 8.5 CGPA or equivalent percentage in aggregate.



## [C] SCHOOL OF LAW (SOL)

A candidate seeking admission to the Ph.D. Programme under School of Law (SOL) of NCU must have obtained: Master's Degree in Law from a recognized University with not less than 55% marks or its equivalent CGPA.

or

Master's Degree in any discipline from a recognized University with not less than 55% marks or its equivalent CGPA; provided that candidates with qualifications in social sciences, humanities and sciences may be admitted to the Programme if the research they wish to pursue interfaces with the discipline of law with a special focus on Public Policy or Law

or

Judge of any State High Court in India with three years' experience or Judge of Supreme Court of India

### Notes:

- In case the CGPA to percentage calculation or vice-versa is not clearly mentioned in the transcript, then the formula for conversion will be considered as  $(\text{CGPA} - 0.75) \times 10 = \text{Percentage}$ .
  - The candidate who is pursuing PhD from elsewhere and would like to migrate to NCU should make a formal request to the concerned department, along with the relevant documents, in which he/she wants to get enrolled as PhD scholar and look for the opportunities in the area of interest and potential supervisor(s). The Pre-PhD coursework already completed can be considered. After admission, the research proposal has to be defended before SRC and the research work has to be carried out at NCU.
  - Selected candidates can be considered for **financial assistance (TRF) as per the norms of NCU**.
  - **A Foreign National, NRI applicant, OCI Applicants** will apply under the foreign candidate category.
  - **Foreign National, NRI applicants, OCI Applicants** with a Masters' degree from a foreign university must apply with an equivalence certificate of AIU along with the Online Application Form and relevant documents attached.
  - Since the mode of instruction is English, the Foreign National, NRI applicants, OCI applicants need to produce **English Proficiency Test Certificate**.
- 2.1. The minimum eligibility criteria indicated above for each Programme is only an enabling clause. The concerned Doctoral Research Committee (DRC) may fix higher criteria at the time of short-listing keeping in view the number of candidates, number of seats and minimum academic / professional background expected to cope with the Programme etc.
- 2.2. Candidates in the final year of their Master's Programme, who expect to complete their qualifying degree requirements on or before the last date for document verification of their Ph.D. Programme at NCU can apply for admission. For short-listing purposes, their performance till the preceding semester (or preceding year, if in case their Programme is year based) would be considered, but the admission would be subject to their meeting the minimum eligibility criteria after their final qualifying examination results are announced. In such cases, a letter from HoD of their current institution, certifying candidate's Master's Thesis submission is required at the time of Ph.D. admission. However, if the student fails to meet the minimum eligibility criteria or fails to produce the degree/provisional certificate/mark sheet within 3 months of the commencement of the 1<sup>st</sup> semester, his/her admission and registration to the Ph.D. Programme will be automatically cancelled with no refund of the semester fees.
- 2.3. CATEGORIES
- (i) **Full - time Ph.D. Scholars**  
These scholars will be full time students of NCU for completing the requirements for Ph.D.
- (ii) **Part - time Ph.D. Scholars**  
These scholars will devote part of their time for completing Ph.D. requirements and in-addition devote part of their time for discharging their own organizational obligations.

iii) **Sponsored Ph.D. Scholars/ Working Professionals:** These will be research scholars employed in industry / Govt. /Autonomous bodies / public sector undertakings and other such organizations. Some of the industries/ research or academic institutions or some partner institutions of NCU may sponsor their employees to pursue Ph.D. program at NCU. Non sponsored working professionals may also enroll for Ph.D. program. NCU encourages such candidates with good professional experience to pursue research at NCU in the interest of enriching research environment at the University. The Full time / part time rules including eligibility for admission as also other compliances for award of Ph.D. degree including minimum course credits requirements and research publications as per Ph.D. rules shall also be applicable to such candidates.

2.4. Part-time candidates are required to submit a '**No Objection Certificate**' on a proper letterhead from the competent authority of the organization in which he/she is presently working clearly stating the following:

- a) The candidate is permitted to pursue Ph.D. on a part-time basis.
- b) His/her official duties permit him/her to devote sufficient time for completion of coursework and carry out doctoral research.

Please [click here](#) for complete Ph.D. rules and regulations.

### 3. **INTAKE FOR JANUARY 2024 Ph.D. ADMISSION**

3.1. The details of department wise intake are as follows: -

<b>[A] SCHOOL OF ENGINEERING AND TECHNOLOGY</b> <i>(ENGINEERING, PHYSICS, CHEMISTRY, MATHS, ENGLISH)</i>		
<b>Name of the Department</b>	<b>Broad Areas</b>	<b>Number of Seats floated</b>
<b>DEPARTMENT OF MULTIDISCIPLINARY ENGINEERING (MDE)</b>	Discipline: MECHANICAL ENGINEERING Thermo-Fluid Engineering, Industrial, Engineering, Production Engineering, Mechanical Engineering Design, Waste management, Refrigeration and Air conditioning	07
	Discipline: CIVIL AND ENVIRONMENTAL ENGINEERING Water Resources and Environmental Engineering, Structural Engineering, Geotechnical and Transportation Engineering, Engineering Materials	03
	Discipline: ELECTRICAL, ELECTRONICS AND COMMUNICATION ENGINEERING (EECE) Wireless Communication, Signal, Speech and Image Processing, VLSI and Semiconductor devices, Power System, Renewable Energy, Control System, Biomedical Electronics, Integrated circuit design	05
<b>COMPUTER SCIENCE AND ENGINEERING (CSE)</b>	AI, Machine Learning, Big Data Analytics, Information Security, Cyber security, Optimization, Computer Networks, Sensor Networks, Digital Forensics, Malware Analysis and Reverse Engineering, Image Processing, soft computing, Information Retrieval, Natural Language Processing, Wireless Sensor networks, Computer Vision, Deep Learning, Bioinformatics, Evolutionary Algorithms Optimization, Cloud Computing, IoT, Software Engineering, AI in agriculture, ML applications in Renewable Energy	34
<b>APPLIED SCIENCES (APS)</b>	PHYSICS: Condensed matter physics (glasses), Optical image processing, Thin Films; Amorphous Semiconductors, Thin film solar cells, Polymer, Nanocomposites, Nanomaterials, Solar cells, Lasers and Non-linear optics Nanomaterials and piezoelectric devices, Digital Holography, Supercapacitors, Organic Semiconductor device	15

	<p>CHEMISTRY: Nano-chemistry, Organic Chemistry, Environmental Chemistry, Biochemistry, Biophysical Chemistry, Biosensors, Electrochemistry, Lateral flow assay, Bio Physical Thermodynamics studies</p> <p>MATHS: Image Processing, Queueing Theory, Data Analytics, Graph Theory and Discrete Maths, Coding Theory, Approximation Theory, Operations Research Applied Mathematics, Differential Equations, Control theory, Computational Fluid Dynamics, Numerical and analytical solutions of nonlinear partial differential equations with applications in shock waves, Combinatorial Number theory.</p>	
<b>CENTRE FOR LANGUAGES LEARNING (CLL)</b>	American Literature, Canadian Literature, British Literature, Indian Writing in English, World Literature, Gender Studies, Medical & Health Humanities, Postcolonial Literature (Memory Studies, Life Narratives and Diasporic Literature), Travel Literature, Film Studies, Cultural Studies	7
<b>[B] SCHOOL OF MANAGEMENT &amp; LIBERAL STUDIES</b>		
<b>SCHOOL OF MANAGEMENT &amp; LIBERAL STUDIES (SOM&amp;LS)</b>	Finance, Economics, Marketing, HRM, Operations, Psychology, Analytics	20
<b>[C] SCHOOL OF LAW (SOL)</b>		
<b>SCHOOL OF LAW (SOL)</b>	Human Rights Law, International Law, Environmental Law, Constitutional Law, Personal Laws, Criminal Laws, Intellectual Property Rights (IPR) Laws, International Trade Law, Corporate Law, Commercial Dispute Settlement Law, Technology Law	10

Note: the candidates who took admission in Electrical Engineering discipline, Electronics & Communication Engineering discipline, Mechanical Engineering discipline, and Civil & Environmental Engineering discipline will be registered in the dept. of Multidisciplinary Engineering.

The intakes shown above are subject to change by the departments/schools.

3.2 Admission will be based solely on the merit criteria as per procedure indicated at Section 4 below.

#### **4. PROCEDURE FOR ADMISSION**

4.1 The candidate desiring to seek admission to Ph.D. Programme at NCU shall apply for the same on the prescribed Application Form 1(enclosed) by a due date announced by NCU.

4.2 The applications will be scrutinized by the Dean Office (Ph.D. cell).

4.3 Candidates who do not have valid score in national tests like GATE, NET, JRF and SLET will have to appear in Entrance Test named 'NCU Ph. D. Entrance Test' (NPET) and will have the following weightage of various components for admission:

- NPET marks – 50%,
- Qualifying degree marks – 30%, and
- Interview –20%

For working professionals:

- NPET marks – 30%,
- Professional experience in relevant domain – 20%,
- Qualifying degree marks – 30%, and
- Interview –20%

4.4 Candidates who have **valid score in the above-mentioned National tests shall be exempted from NPET**. The following weightage shall be assigned to various components for their admission:

- Qualifying degree marks - 60%, and
- Interview –40%

4.5 The NPET will be conducted centrally by Controller of Examination (COE) at NCU Campus. Room No. for NPET will be informed through university website / e-mail. The details of the NPET and the syllabus is given in clause 21.

4.6 After the NPET written test, interview will be conducted (by respective Departments/Schools) on the same day at NCU from 1:00 PM onwards. Rooms for interviews will be announced at the appropriate time.

4.7 The candidates who are desirous of the NCU fellowship have to appear for a second interview (within one week of NPET examination) before the fellowship selection committee. For details, please [click here](#) to download the SOP (standard operating procedure) for Recruitment of University Fellows.

4.8 The candidates whose selection is approved by the Dean (Ph.D.) and Vice Chancellor/ Pro Chancellor will be admitted to the Ph. D. Programme after payment of prescribed fees by due date.

4.9 In case of candidates from partnering institutions/industries, applications may be considered by the VC/BDR throughout the year, subject to the scrutiny for eligibility upon request by partnering institute.

4.10 The last date of fees submission is taken as the last date of admission in the Ph.D. Programme.

## 5. **HOW TO APPLY**

A candidate can apply online or offline.

For applying offline, the candidate can download the application form from the [link](#) or can obtain it from the University Campus up to the last date for submission of forms specified in the Admission Notice, fill the application form and attach self-attested photocopy of the supporting documents (refer clause 9).

For applying online, the candidate should go to the [weblink](#) and fill the online application form, upload relevant documents, and pay the application fee online.

## 6. **APPLICATION FEE**

6.1 An application fee of Rs. 1100/- is required to be paid along with completely filled application form.

6.2 For offline application, the fee should be paid in cash at NCU campus or through DD in favour of **‘THE NORTHCAP UNIVERSITY, GURUGRAM’** payable at Gurugram/Delhi.

## **7. PROGRAMME FEE**

### **7.1 FEE FOR INDIAN NATIONALS:**

The annual tuition fee is **Rs. 1,00,000/-**; The fees can be paid in two equal installments (**Rs. 50,000/-**) before the beginning of each semester.

### **FEE FOR FOREIGN NATIONALS, NRI AND OCI:**

The annual tuition fee is Rs. 1, 25,000/- or equivalent foreign exchange.

**7.2** A one-time sum of Rs. 10,000/- as caution money will be charged from each student seeking admission to the University in the Academic Year 2023-24. The amount is interest free and will be refunded to the student at the time of withdrawal or at end of their Programme, whichever is applicable, after deduction of dues, if any.

**7.3** Alumni Association Fee: A one-time Alumni Association fee of Rs. 1,000/- for all programs is payable by all students.

For new admissions, the last date of fee submission is mentioned in clause no. 20. The annual fee is the same for full-time and part-time candidates.

**7.4** Hostel Fee (if opted for): Rs 75,000/- per semester.

## **8. FELLOWSHIPS & CONTINGENCY**

### **8.1 Full time Ph.D. Scholars can apply for Teaching Research Fellow (TRF) scheme:**

- a) Selection for TRF offer shall be done by the 'Fellowship Selection Committee' of the University duly constituted by the Vice Chancellor after due admission process.
- b) The fellowship selection committee, after interviewing the candidates may award the fellowship in two categories: Rs. 35,000/- pm (Excellent) and Rs. 25,000/- pm (Very Good).
- c) An increment of Rs. 2,500 pm may also be considered along with renewal for 'very good' performers.
- d) The fellowship shall be for a period of maximum 4 years subject to renewal every year based on performance and progress made in research work.
- e) All Research Fellows are expected to take load up to 10 hours per week that includes tutorials and practical classes and academic/administrative work.

### **8.2 Contingency Expenditure for Full Time Ph.D. Scholars:**

**Contingency amount:** Maximum of Rs. 25,000/- per year, subject to the availability of the funds.

For details, please [click here](#) to download the SOP (standard operating procedure) of Reimbursement of Contingency Expenditure.

### **8.3 JRF qualified Ph.D. Scholars are eligible for UGC/CSIR fellowship.**

- a) Candidates who have qualified in NET-JRF or UGC-CSIR joint tests are eligible to avail fellowship, Contingency and HRA from UGC/CSIR as per their Guidelines.
- b) The fellows are expected to take load not exceeding 10 hours per week that includes tutorials and practical classes and academic/administrative work.
- c) The fellow shall not undertake any paid assignment during the tenure of the fellowship (Except in case of leave without fellowship upto one academic year during the entire tenure).

## 9. DOCUMENTS REQUIRED AT THE TIME OF APPLICATION AND VERIFICATION

9.1 For details regarding documents required at the time of Admission, please see the table given below:

S. NO.	DOCUMENTS	ORIGINAL	SELF ATTESTED PHOTOCOPY	ORIGINAL DOCUMENTS TO BE RETRUNED ON THE SPOT AFTER VERIFICATION
1.	Class X Mark Sheet (As proof of date of birth)	Yes	Yes	Yes
2.	Relevant Mark Sheets and Degree Certificate of all UG and PG degree courses	Yes	Yes	Yes
3.	National Level Test Certificate such as valid GATE/NET/JRF/SLET (if any)	Yes	Yes	Yes
4	NOC from the employer <b>(Only for part-time candidates)</b>	Yes	Yes	NO
5	Certificate of Medical Fitness from a registered medical practitioner	Yes	Yes	NO
6	Migration certificate <b>(Only required for School of Law candidates)</b>	Yes	Yes	NO
7	Aadhar Card	Yes	Yes	Yes
8	Form 1, 2 (Form 2 to be submitted only at the time of document verification)	Yes	Yes	NO
9	TRF Form (if applied for fellowship)	Yes	Yes	NO

9.2 All original academic and personal certificates and testimonials like mark-sheets and other such documents (other than migration certificate, medical certificate & NOC from employer as mentioned in S. No. 4, 5 & 6 in table above) shall be returned by the University then and there only, after their due verification and receipt of fees.

9.3 The self-attested testimonials of students shall be held valid and authentic for all purposes and administrative requirements and should there be a need for physical verification at any time during the course of programme of study, such verification shall be undertaken in the presence of the student and certificates and testimonials thus verified shall be returned immediately to the student.

## 10. COURSE WORK REQUIREMENT

<u>Qualification</u>		<u>Minimum Credits to earn</u>
<b>M. Tech/ M.E. / M. Phil. / LLM</b>		12
<b>M.Sc./ M.A.(English)/ MCA/ B. Tech / B.E.</b>		26
<b>SCHOOL OF MANAGEMENT &amp; LIBERAL STUDIES</b>	<b>Post-Graduate Degree</b>	12
	<b>Four-year undergraduate degree</b>	26



Min SGPA in any semester = 7.0
Min CGPA on completion of course work=7.5

**Notes:**

- 1) A student is expected to attend lectures, tutorials, and practical classes for the prescribed courses.
- 2) The scholar is expected to earn minimum credits in the first two semesters. However, an extension of six months could be granted by the SRC.
- 3) Additional course work may be prescribed by Supervisor/Scholar Research Committee (SRC) in case additional domain knowledge is required.
- 4) The continuation of the Ph.D. Programme is subject to successful completion of coursework with the minimum CGPA required as per the Table in clause 10 and within prescribed time limits as mentioned in clause 11.
- 5) A continuous evaluation of Ph.D. progress shall be carried out by SRC every semester. The Ph.D. Programme of a research scholar may be discontinued if the progress of a scholar is found unsatisfactory cumulatively three times by the SRC.

**11. DURATION OF Ph.D. PROGRAMME**

SCHOOL OF ENGINEERING & TECHNOLOGY		Minimum duration of the programme	Maximum duration of the programme
M. Tech/M.E./M. Phil./M.Sc./MCA/ M.A(English) Entry	FT	3 Years	6 Years
	PT	3 Years	6 Years
B. Tech. / B.E. Entry	FT	4 Years	6 Years
	PT	4 Years	6 Years
SCHOOL OF MANAGEMENT & LIBERAL STUDIES & SCHOOL OF LAW	FT	3 Years	6 Years
	PT	3 Years	6 Years

**Notes:**

- 1) The Minimum and Maximum duration includes Course work.
- 2) Relaxation of up to maximum of 2 years duration can be provided for women under special circumstances and differently abled candidates. ( $\geq 40\%$  disability).

For more information please [click here](#) for complete Ph.D. rules and regulations.

**12. GRIEVANCE REDRESSAL**

Grievance / complaints, if any, against any action/decision of the Admission Committee can be made in writing to the Vice-Chancellor of the University, within 3 days of the decision.

In case there is any ambiguity whatsoever, with respect to this policy, the Vice-Chancellor's written interpretation / clarification / decision shall be final and binding on all concerned.

### **13. WITHDRAWAL POLICY**

- 13.1 All requests for withdrawal of admission must be made in writing to the respective HoD/Dean of the department/School by the applicant through supervisor, giving reasons for the same and must be accompanied with the original fee receipt. Requests made verbally without the original fee receipt shall not be entertained.
- 13.2 The written application of withdrawal shall be processed to the respective Chairpersons of the DRC of the concerned School/Department after receiving it duly forwarded by the Supervisor(s) through the concerned HoD.
- 13.3 In case a student withdraws his/her admission, the original certificates, if any, shall also be returned subject to the submission of No dues certificate. [Click here](#) to see the No dues form.
- 13.4 In case a student withdraws his/her admission from Ph.D. Programme after the last date of Admission in Ph.D. Programme, fees will be refunded as per clause 1.2. In case a student fails to produce Degree/Provisional Certificate/mark sheets within the stipulated time as per clause 2.2, the fee deposited by him/her shall not be refunded in any form. The candidate should therefore keep this in mind before taking admission and before depositing the fees.
- 13.5 No Migration to other institutions is permitted regarding Research Scholar registration or affiliation as per Ph.D. Rules and Regulations.

### **14. ZERO TOLERANCE POLICY TO RAGGING**

Ragging is strictly prohibited in NCU and NCU follows a ZERO Tolerance policy towards Ragging. Ragging, its abetment, eve-teasing and / or any kind of mental or physical harassment, either directly or indirectly, of any student(s) by whatsoever name called which may hurt the sensibilities or self-esteem of a student(s), inside or outside the University and/or its hostel(s) / mess, cafeteria is strictly prohibited by law and as held by the Hon'ble Supreme Court of India in its order dated 08/05/2009 in the case titled " University of Kerala Vs. Council, Principal's College Kerala & others" bearing CA No. 887/2009. An Anti- Ragging declaration has to be filled online at the link [https://www.antiragging.in/affidavit\\_university\\_form.php](https://www.antiragging.in/affidavit_university_form.php) . Download the filled form and submit in the university library at the time of identity card generation.

Disorderly conduct whether by words spoken or written or by an act, which has the effect of teasing, treating or handling with rudeness any other student(s), indulging in rowdy or in-disciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or junior student(s) or asking the student(s) to do any act or perform something, which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student shall constitute an act of ragging.

- 14.1 There is a complete prohibition of ragging in NCU and NCU follows a ZERO tolerance policy towards ragging. The University strictly enforces provisions of the Haryana Prohibition of Ragging in Educational Institutions Act 2012 and UGC Regulations on Anti Ragging pursuant to Hon'ble Supreme Court of India order dated 08/05/2009 in the case titled "University of Kerala Vs. Council, Principal's College Kerala.
- 14.2 No student shall practice ragging in any form within or outside the premises of the University, hostels or PGs. In a proven case of ragging whether FIR has been lodged or not, invariably the student shall face suspension for at least a period of two semesters and may also be imposed with any one or combinations of punishment mentioned in the Haryana Prohibition of Ragging in Educational Institutions Act 2012 and reproduced in the Students Diary.
- 14.3 Besides, police/legal action, a student found indulging in any ragging or undesirable activity is liable to be expelled from the University or face such other punishments by the Disciplinary Committee, as provided for in the Ordinance 8 of the First Ordinance. In case of expulsion from the University, under such circumstances, the student's tuition or any other fee paid by him/her will be forfeited.

## 15. **FACULTY**

The NorthCap University has one of the best and largest pool of faculty amongst Private universities in North India. Most of the faculty members hold Ph.D. degrees from renowned Indian and foreign universities and have very distinguished track record and are drawn from prestigious institutions like IITs, NITs, industry and research labs. The faculty members have a mix of rich academic and industry experience. There is strong emphasis on good quality teaching as well as research in current areas of technology and faculty members keep themselves abreast with latest developments and are engaged in active research resulting in a large number of research publications in leading international and national journals. Some of the faculty members have published books in their specialized fields and are members of editorial boards / reviewers of reputed journals. Kindly visit the University website ([www.ncuindia.edu](http://www.ncuindia.edu)) for profile and list of faculty members of Departments/School. List of Potential Supervisors are given below:

S. No.	Dept./ Discipline/ School	Supervisors	Broad Area
1.	APS	Prof. (Dr.) Hukum Singh	Optical Image Processing, Condensed matter physics (glasses), Photonics, Digital Holography
2.	APS	Dr. Bharti Arora	Biophysical Chemistry, Organic Chemistry
3.	APS	Dr. Aditya Sharma	Nanotechnology, Biosensors, Lateral flow assay, Electrochemistry, Affinity sensors for environmental Pollution
4.	APS	Dr. Tejpal Singh Chundawat	Organic Chemistry, Nanochemistry, Green Chemistry, Asymmetric Synthesis, Natural Product Synthesis
5.	APS	Dr. Sunita Sharma	Solar cells, Nanomaterial's, Optical limiters, Lasers.
6.	APS	Dr. Seema Thakran	Coding Theory: Reed Muller Codes, Hamming Codes
7.	APS	Dr. Anshu Malhotra	Graph Theory and Discrete Maths
8.	APS	Dr. Rajni Rohila	Numerical Methods, Numerical Solutions of PDE
9.	APS	Dr. Tarul Garg	Approximation theory, Operations Research
10.	APS	Dr. Arjun Singh	Semiconductor devices: Pervoskite/Polymer Solar cells, Organic light emitting diode, Thin film transistors, Transparent conduction oxides
11.	APS	Dr. Anubhav Raghav	Perovskite Solar Cell, Quantum Dots, Polymer Solar Cells, Dye Sensitized Solar Cell, Nanomaterials Synthesis, Characterization and applications, Nanofibers.
12.	APS	Prof. (Dr.) C. B. Gupta	Applied Statistics, Optimization and Operations Research.
13.	APS	Dr. Chetna Tyagi	Synthesis and fabrication of nanomaterials and optoelectronic devices, Sum frequency generation, halide perovskites/2D material heterostructures, Solar Cells, Polymer Nanocomposite.
14.	APS	Dr. Pooja Punyani	Combinatorial Number Theory
15.	APS	Dr. Sakshi Gupta	Bio Physical Thermodynamics studies, Protein-Protein interaction and Protein DNA interaction.
16.	APS	Dr. Gargi Dutta	Organometallic Chemistry, Material Chemistry, Homogeneous and Heterogeneous catalysis.
17.	CSE	Prof. (Dr.) Nupur Prakash	IoT, Agriculture IoT, Machine Learning
18.	CSE	Prof. (Dr.) Rita Chhikara	Machine Learning, Information Security, Optimisation, Image Processing

19.	CSE	Prof. (Dr.) Nitin Malik	Machine Learning, Deep Learning, Image Processing, Text Analytics
20.	CSE	Dr. Yogita Gigras	Optimization, Cyber Security, IoT , Machine learning
21.	CSE	Dr. Sujata	Software Engineering (Agile and Devops), Optimization (combinatorial), Machine Learning and Soft Computing
22.	CSE	Dr. Shraddha Arora	computer vision, Machine learning, Robotics and Image Processing
23.	CSE	Dr. Pankaj Rakheja	Image encryption and watermarking
24.	CSE	Dr. Nishi Gupta	Sensor networks, Cloud, IoT, network Security
25.	CSE	Dr Shaveta Arora	Image Processing, Signal Processing, Machine Learning and Soft computing
26.	CSE	Dr. Mehak Khurana	information Security (cryptography), Optimizing security using Machine learning,
27.	CSE	Dr. Shilpa Mahajan	Wireless sensor networks, cyber security, Machine Learning
28.	CSE	Dr. Sandeep Singh	Stochastic Modelling, Mathematical Modelling of dynamical systems, machine learning
29.	CSE	Dr. Anshul Bhatia	Machine Learning, Data Mining, Image Processing, IoT
30.	CSE	Dr Meghna Sharma	Machine learning, Computer Vision, Deep Learning, Soft Computing, Image Processing
31.	CSE	Dr. Nidhi Malik	Data Mining, Natural Language Processing, Machine Learning
32.	CSE	Dr. Anvesha Katti	IoT, Computer Networks, Sensor Networks, Wireless Sensor Networks, Underwater Sensor Networks, Body Area sensor networks, Cloud
33.	CSE	Dr. Anuradha	Machine learning, Big Data, Image processing, Soft computing, cloud computing
34.	CSE	Dr. Monika Lamba	Machine Learning, Bioinformatics, Reinforcement Learning
35.	CSE	Dr. Ruchika Lalit	Machine learning, Computer Vision, Deep Learning, Image Processing
36.	CSE	Dr. Aarti	Wireless Sensor Networks, Body Area Networks, VANET
37.	Civil	Dr. Vaishali Sahu	Geotechnical Engineering/ Environmental Engineering
38.	EECE	Prof. (Dr.) Swaran Ahuja	Wireless Communication
39.	EECE	Prof. (Dr.) Amitava Sen Gupta	Wireless Communication, Satellite communication
40.	EECE	Prof. (Dr.) Sharda Vashisth	Signal and Image Processing, Biomedical Electronics, Wireless Communication, Navigation Systems
41.	EECE	Prof. (Dr.) Anjali Garg	Solar PV system, Power Generation & control of solar energy and wind energy, Artificial Intelligence, Electric Vehicles (EV's)
42.	EECE	Dr. Mona Aggarwal	FSO & Visible light communication, Mixed Hybrid RF/FSO/UOW/VLC Communication systems, UAV-Based wireless sensor networks, cooperative communication systems, RIS empowered wireless communications, Energy Harvesting
43.	EECE	Dr. Vandana Khanna	Modeling of devices, Modeling of solar PV systems, Optimization algorithms, Internet of Things (IoT), VLSI Design
44.	EECE	Dr. Pooja Sabherwal	Signal and Image Processing, Machine Learning, Biomedical Engineering, Biomedical Signal Processing, Energy harvesting, IoT Devices

45.	EECE	Dr Anu Tonk	Analog & Mixed Signal VLSI Design, Signal and Image Processing, Computational Intelligence Methods, AI and Machine Learning, Data Science and Predictive Analytics
46.	ME	Prof. (Dr.) Manoj Gopaliya	Thermal and non-thermal flow analysis, Design Thinking and its application, leadership development.
47.	ME	Dr. Rohit Singh Lather	Thermo-Fluid Engineering, Mechanical Engineering Design
48.	ME	Dr. Akanksha Mathur	Thermo-Fluid Engineering, Heat Transfer, CFD, Combustion, Refrigeration and Air-conditioning, Fire dynamics, Waste Management, Sustainability.
49.	ME	Dr. Satnam Singh	Production and Manufacturing Engineering, Material Science, Sustainable Manufacturing, Materials Testing, Tribology
50.	ME	Dr. Roshan Raman	IC engine, Alternate fuels, Energy storage, Solar technologies, Robotics, Electric Vehicle Technology
51.	English	Dr. Divyabha Vashisth	Indian English Literature, Queer Studies, Gender Studies, Minority Literature
52.	English	Dr. Payal Kurana	Diaspora, Women Studies; Indian, American and Canadian fiction
53.	English	Dr. Shrutimita Mehta	Indian English Literature, Gender Studies, 20th Century Writing, Post Colonial, Diaspora
54.	English	Dr. Gouri Kapoor	World Literature, Gender Studies, Medical & Health Humanities
55.	English	Dr. Chetna Karnani	Postcolonial Literature (Memory Studies, Life Narratives and Diasporic Literature), Gender Studies, Travel Literature, Film Studies, Cultural Studies
56.	English	Dr. Gouri Kapoor	World Literature, Gender Studies, Medical & Health Humanities
57.	SOM	Prof. (Dr.) Prem Vrat	Industrial Engineering, Operations
58.	SOM	Prof. (Dr.) S.K Breja	Supply Chain Management, Operations
59.	SOM	Dr. G.R. Chandrashekhar	Business Analytics
60.	SOM	Prof. (Dr.) Sona Vikas	Human Resource Management, Organizational Behaviour, Corporate Social Responsibility, Ethics, Tourism
61.	SOM	Dr. Preeti Chawla	Accounting and Finance
62.	SOM	Dr. Akshat Aditya Rao	Marketing, Strategy, Sustainability, SME Marketing, Entrepreneurship
63.	SOM	Dr. Deergha Sharma	Finance, Banking, stock market operations
64.	SOM	Dr. Chand Prakash Saini	Consumer Behaviour, Online retailing, AI in Marketing, OTT Research, Online food delivery apps
65.	SOM	Dr. Priyanka Banerjee	Developmental Economics
66.	SOM	Dr Akasha Sandhu	Financial Management, Banking, Corporate governance, disclosure, gender diversity, web disclosure/ internet reporting
67.	SOM	Dr Ashima Saxena	Financial Management, Auditing, Cost Accounting, Taxation Laws, Working Capital Management, Financial Decisions, Behavioural Finance, Investment decisions, Financial Investors Psychology
68.	SOM	Dr. Saumya Sharma	OB, HRM, Career Management, Training & Development, Performance & Competency Management, Performance & Compensation Management, Syndicate Learning Program
69.	SOM	Dr. Neha Kumar	Accounts, Finance, Corporate finance, corporate governance & CSR
70.	SOM	Dr. Kanchan Yadav	Marketing & Organizational Behaviour

71.	SOM	Dr. Shaveta Sachdeva	Economics, Sustainable development and growth; macro-economic aspects
72.	SOM	Dr. Seep Sethi	Employee Well-Being, Leadership, Organizational Learning, Stress Management
73.	SOL	Prof. (Dr.) ManjulaBatra	Law and Gender, Contemporary Legal Issues, Tort Law, Criminal Law, Constitutional Law, Environment Law & Human Rights Law
74.	SOL	Dr. TapobrataPakrashi	International Law, Intellectual Property Rights (IPR), International Trade Law, Interface between Technology and IPR.
75.	SOL	Dr. PallaviBajpai	Corporate Law, International Commercial Arbitration, Dispute Resolution Laws
76.	SOL	Dr. UnanzaGulzar	Technology, IPR & Corporate laws
77.	SOL	Dr. Tavleen Kaur Khurana	Human Rights, Family Law, Environmental Law, Criminal Law

#### 16. **STUDENTS DISCIPLINE**

- (a) The University expects that every student in the University shall at all times display good behaviour, show diligence in studies, maintain decorum and dignity, take due interest in co-curricular activities, observe a code of conduct both within and outside the campus in a manner befitting to the student of a university of national stature and observe rules of discipline of the University and thus ensure free and congenial environment for all its students to pursue their studies without any distraction.
- (b) Each student shall show due respect and courtesy to the teachers, administrators and other employees in and outside the University and good behavior to fellow students including residents in surrounding areas or around hostels. Students shall pay particular attention to safeguard the dignity and honor of fellow girl students and the lady faculty and shall not do anything directly, indirectly or through social media or aid any one in doing so, which could cause mental or physical harassment, insult, defamation or outrage the modesty of women inside or outside the campus.
- (c) Association, active or passive, with any unlawful organization including holding and/or participating in demonstrations, inciting violence, displaying notices or circulating handbills in the University and/or its hostel (s)/mess is strictly prohibited.
- (d) Smoking, consumption of alcohol, drugs or any other intoxicant by whatsoever name called within the University premises and/or its hostel (s)/mess is strictly prohibited by law.
- (e) Besides police/legal action, a student found indulging in any of the above activities shall be expelled from the University. In case of expulsion from the University, under such circumstances, the entire fee paid by him/her shall be forfeited.
- (f) Use of cellular/satellite telephones and/or pagers within the University premises (other than the area defined by the University) is strictly prohibited.

#### 17. **LIMITED LIABILITY**

All admissions made by the Selection Committee are provisional and subject to confirmation by the Vice-Chancellor of the University. If the admission of any candidate is not confirmed by the Vice-Chancellor, for any reason whatsoever, the liability of the University will be limited only to the refund of full fees paid by the candidate and that there shall be no further consequent liability on the University and / or any of its employee.

#### 18. **JURISDICTION**

Disputes, if any, arising out of this Admission Policy & Selection Procedure shall be the subject matter of exclusively of courts in Gurugram only.



19. **HELPLINE/WHOM TO CONTACT**

- a) For department specific queries of **School of Engineering and Technology (SOET)**, **School of Management & Liberal Studies** and **School of Law** contact the following departmental Ph.D. coordinators:

S. No	Department	Discipline	Name of Ph.D. Coordinator	Email Address	Mobile Number
1.	DEPARTMENT OF MULTIDISCIPLINARY ENGINEERING (MDE)	Mechanical Engineering	Dr. Akanksha Mathur	akankshamathur@ncuindia.edu	9990987173
		Civil and Environmental Engineering	Dr. Vaishali Sahu	Vaishalisahu@ncuindia.edu	9650129730
		Electrical, Electronics and Communication Engineering	Dr. Mona Aggarwal	monaaggarwal@ncuindia.edu	8826933990
2.	COMPUTER SCIENCE AND ENGINEERING (CSE)		Dr. Anvesha Katti	anveshakatti@ncuindia.edu	8800266536
3.	APPLIED SCIENCES (APS)	Physics, Chemistry, Mathematics	Dr. Chetna Tyagi	chetnatyagi@ncuindia.edu	9911429561
4.	CENTRE FOR LANGUAGES LEARNING (CLL)	English	Dr. Chetna Karnani	chetnakarnani@ncuindia.edu	9811738101
5.	SCHOOL OF MANAGEMENT & LIBERAL STUDIES (SOM&LS)		Dr. Deergha Sharma	deerghasharma@ncuindia.edu	9650416161
6.	SCHOOL OF LAW (SOL)		Dr. Tapobrata Pakrashi	tapobratapakrashi@ncuindia.edu	9953458706

- b) For overall queries related to **Ph.D. admissions** contact the following:

**Prof. Nitin Malik**  
**Dy. Dean (RDIL & Ph.D. Program)**  
 Email: [nitinmalik@ncuindia.edu](mailto:nitinmalik@ncuindia.edu)  
**Mobile: 8010529215**

- c) Contact for more information:

**Ms. Gauri Chadha**  
**Ph.D. Cell, NCU**  
 Email: [phdcell@ncuindia.edu](mailto:phdcell@ncuindia.edu)  
**Phone: +91124 2365811/12/13 Ext. 267**  
**Mobile: 9971849884**

**20. IMPORTANT DATES**  
**(For admissions in Ph.D. for January 2024 admissions)**

<b><u>S. No.</u></b>	<b><u>Details</u></b>	<b><u>Date</u></b>
1.	Advertisement for Ph.D. admission (Website / Newspaper) and Application forms available online	27 Oct. 2023 (Friday)
2.	Last date for submission of fully filled application forms	2 January 2024 (Tuesday)
3.	Entrance Test (NPET) and Interview	6 January 2024 (Saturday)
4.	Online display of admission list	8 January 2024 (Monday)
5.	Fellowship Interviews (Tentative)	9 January 2024 (Tuesday)
6.	Last date for fees deposition and document verification* by candidates.	15 January 2024 (Monday)
7.	Course Registration dates (To be done online on the ERP portal)	18 January 2024 (Tuesday) to 19 January 2024 (Friday)
8.	Commencement of classes	20 January 2024 (Saturday)

\* Refer clause 9 for documents to be verified and clause 19 to know the names of respective Ph. D. coordinators (Department/Discipline/School wise).

**21. NCU Ph.D. Entrance Test (NPET), 6 January 2024**

21.1 The NPET will be held from 10:00 am to 12:00 noon on the date specified by the University. The test paper for each Department/School will be of objective type, to be attempted in 2 hours with answers to be given by the candidates in the space provided in the paper itself. There will be no negative marking. The questions are of multiple choices type. The paper consists of Analytical reasoning, and Research Methodology [50 marks] and Department/School specific technical topics [50 marks], the syllabus for which is given in clause 21.2. Student will be assessed in the interview for his/her knowledge in the research area of interest / broad area as indicated by the applicant in the application form as identified from clause 3.

21.2 **The syllabus for written test will be as follows: -**

**Syllabus common for all Schools/Departments:**

a) **Analytical Reasoning:**

Syllogism, Statement and Arguments, Statement and Assumptions, Statement and Course of Action, Statement and Conclusions, Deriving Conclusion, Assertion and Reason, Punch Lines, Situation Reaction Tests, Cause and Effect, Analytical Reasoning

b) **Research Methodology:**

Foundations of Research, Scientific Research, Motivation, Research Objectives, Research Designs, Research Processes, Design of Experiments, Understanding Feasibility of Objectives and Processes, Qualitative and Quantitative Research Methods, Data Collection Processes, Biases in Data Collection

**Department/School specific Technical Topics:**

<b>[A] SCHOOL OF ENGINEERING AND TECHNOLOGY</b> <i>(ENGINEERING, PHYSICS, CHEMISTRY, MATHS, ENGLISH)</i>	
<b>Name of the Department</b>	<b>NPET Topics</b>
<b>DEPARTMENT OF MULTIDISCIPLINARY ENGINEERING (MDE)</b>	<b>Discipline: MECHANICAL ENGINEERING</b> Thermal-Fluid Engineering, Heat transfer, Combustion, Computational Fluid Dynamics, Waste management, Refrigeration and Air conditioning, Fire mitigation. Material processing, Production and Manufacturing engineering. IC Engine, Alternate fuels in IC engine, Energy storage. Ordinary and Partial Differential equations, Strength of Materials, Dynamics, Machine Design, Mechanical Vibrations, Robotics
	<b>Discipline: CIVIL AND ENVIRONMENTAL ENGINEERING</b> Solid Mechanics, Structural Analysis, Fluid Mechanics, Open Channel Flow, Design of RCC and Steel Structures, Design of bolt and Welded Joints, Surveying, Highway and Railway Engineering, Earthquake Resistant Design of Structures, Soil Mechanics, Foundation Engineering, Environmental Engineering, Water Quality Parameters, Drinking and Wastewater Treatment, Noise and Air Pollution
	<b>Discipline: ELECTRICAL, ELECTRONICS AND COMMUNICATION ENGINEERING (EECE)</b> Wireless and mobile communications, Analog and Digital communication, Probability and Random processes, Data communications, Computer networks, Power Electronics, Electrical Machines Controllers, Solar and wind energy, Integrated circuit design, Analog signal processing, Analog circuit design Signal and systems, Navigation System, Digital Signal Processing, Image Processing, Speech processing, Biomedical Electronics
<b>APPLIED SCIENCES (APS)</b>	<b>Physics:</b> Mathematical Physics, Classical Mechanics, Electromagnetic Theory, Quantum Mechanics, Thermodynamics and Statistical Physics, Atomic and Molecular Physics, Solid State Physics and Electronics, Nuclear and Particle Physics, Semiconductor Physics  <b>Chemistry:</b> <u>Inorganic Chemistry:</u> Main Group Elements, Transition Elements, Lanthanides and Actinides, Organometallics, Radioactivity, Bioinorganic Chemistry, Solids states. <u>Organic Chemistry:</u> Stereochemistry, Reaction Mechanism, Organic Synthesis, Pericyclic chemistry and Photochemistry, Heterocyclic compounds, Biomolecules, Spectroscopy, Instrumental Methods of Analysis. <u>Physical Chemistry:</u> Equilibrium, Kinetics, Structure, Surface and Interfaces.  <b>Maths:</b> Calculus, Linear Algebra, Real Analysis, Complex Analysis, Ordinary Differential equations, Algebra, Functional Analysis, Numerical Analysis, Partial Differential Equations, Topology, Linear Programming, Data Analytics
<b>COMPUTER SCIENCE AND ENGINEERING (CSE)</b>	Computer architecture, Operating system, Data structures, C, C++-programming, DBMS, Computer networks, Discrete Structures, Software Engineering, Computer networks, ADA, Fuzzy Logic
<b>CENTRE FOR LANGUAGES LEARNING (CLL)</b>	Modern American Literature, British Literature, Indian English Writing Translations, World Literature, Literary Theory

<b>[B] SCHOOL OF MANAGEMENT &amp; LIBERAL STUDIES</b>	
<b>SCHOOL OF MANAGEMENT &amp; LIBERAL STUDIES</b>	<p>Consumer Behaviour, Services Marketing, Advertising, Customer Relationship Management, Retail Management, Recent trends in Marketing, Digital marketing, Permission Marketing, Social Media Marketing, E-tailing.</p> <p>Micro and Macro Economics, Development Economics, Human Resource Management, Organizational Behaviour, Training and Development, Recruitment and selection, Performance management, Employee Engagement, Work life Balance</p> <p>Tourism, TQM, Supply Chain Management, Excellence Models, Creativity &amp; Innovation, Operations, Psychology</p>
<b>[C] SCHOOL OF LAW</b>	
<b>SCHOOL OF LAW</b>	<p>Human Rights Law, Tort Law, Criminal Law, Gender and the Law, Environmental Law, Contemporary Legal Issues, Human Rights Law, Cyber Forensics, International Law, Current trends in Public International Law, International Trade Law, Interface between Law on Technology and IPR, International IPR Law, Enforcement of IPR, Contract Laws, Mergers and Acquisitions, Security Legislations, Corporate Governance, Dispute Resolution, Technology Law, Intellectual Property Law, Corporate Law, Human Rights, Family Law, Environmental Law, Criminal Law</p>

Application Fee Rs. 1100/-  
(Eleven Hundred Only)  
(Non Refundable)



Established by the Haryana State Legislature under the Haryana Private Universities (Third Amendment) Act No. 25 of 2009, as amended vide Haryana Act No. 1 of 2016. Recognized by UGC u/s 2(f) of UGC Act, 1956 with a right to confer degrees and included by UGC in their select list of approved Universities, available at [www.ugc.ac.in](http://www.ugc.ac.in) (NCU University, Gurugram has no other Centers/Campus in India or Abroad)

## ADMISSION POLICY, FELLOWSHIP SCHEME FOR TEACHING & RESEARCH FELLOWS & SELECTION PROCEDURE-JANUARY 2024

(ACADEMIC YEAR 2023-24)

FOR DOCTOR OF PHILOSOPHY (Ph.D.)

IN

(ENGINEERING, PHYSICS, CHEMISTRY, MATHS, ENGLISH, MANAGEMENT & LAW)

FOR NATIVE, FOREIGNERS, NRI AND OCI

*Write NA wherever not applicable. All fields are mandatory.*

*(All columns need to be filled in Capital letters with black ball point pen only)*

PASTE FIRMLY YOUR  
RECENT COLOR  
PHOTOGRAPH OF GOOD  
QUALITY  
(SIZE 3.5 x 4.5 CMS)

- Name of the Applicant (in English) .....  
Name of the Applicant (in Hindi) .....
- Father's Name (in English) ..... (in Hindi) .....
- Mother's Name (in English) ..... (in Hindi) .....

### 4. CORRESPONDENCE ADDRESS

Address .....  
.....  
Town/City .....  
State ..... Pin Code.....  
Student Mobile No(s) .....  
Alternative Mobile No. ....  
Parent Mobile No.....  
Student Email ID.....  
Parent Email ID.....  
Landline no. with STD Code.....

### 5. PERMANENT ADDRESS

(Fill only if different from Correspondence Address)

Address .....  
.....  
Town/City .....  
State ..... Pincode.....

- Student's Aadhaar Card No.
- Date of Birth..... Age as on 31/12/2023.....
- Gender: Male ☐ Female ☐ Transgender ☐

### 9. APPLICATION FOR FULL TIME / PART TIME PROGRAMME

Full Time Programme (with fellowship)\* ☐

Full Time Programme (without fellowship) ☐

Part Time Programme ☐

\*TRF fellowship at clause 8.1 can be availed by eligible candidates.

Note: Part-Time candidates have to submit no objection certificate from the current employer.

A candidate in full-time employment cannot apply in full-time PhD Programme.

All candidates are required to pay an application fee of Rs. 1100/- either through cash receipt or DD drawn in favor of The NorthCap University, Gurugram payable at Gurugram.

**10. NATIONAL/STATE LEVEL TEST: (NET/NET-JRF/GATE/SLET) OR ANY OTHER TEST**

Type of Test Qualified	Roll No.	Score (out of how much)	Rank	Qualifying Year

Are you in receipt of any Fellowship (JRF/SRF): \_\_\_\_\_?

**11. ACADEMIC QUALIFICATIONS:**

Examination	Subject	University/ Board	Year	Percentage Marks /CGPA	Division
Secondary, High School or equivalent					
Sr. Secondary, Intermediate or equivalent					
Undergraduate Degree Name of the Degree:					
Postgraduate Degree Name of the Degree:					
Complete Name and Address of Last Attended University/College/Institute:					

Department and area in which the candidate proposes to work (refer clause 3):

(a) Broad Area/Subject: \_\_\_\_\_

(b) Department/School: \_\_\_\_\_

**12. Domicile Details (Tick one only)**

(a) Haryana General ☐ (b) SC ☐ (c) OBC ☐

**13. Total Annual Family Income from all sources (in Rs. Lakhs): .....**

**14. How did you get information about NCU, Gurugram?**

Newspaper ☐ NCU Website ☐ Current student of NCU ☐ Counselor ☐  
Internet ☐ Friends/relatives ☐ Alumni ☐ Other ☐

15. Have you ever been convicted for any Criminal Offence Yes ☐ No ☐

16. Is there any case pending against you before a Court/Police/ School/ University: Yes ☐ No ☐  
(If yes for point 15 and/or point 16, provide full details on a separate sheet of paper)

\_\_\_\_\_  
SIGNATURE OF THE APPLICANT WITH DATE



I, hereby declare that all the particulars stated in this Application Form are true to the best of my knowledge and belief. I also affirm that I have read in detail the Admission Policy & Selection Procedure January 2024 of The NorthCap University, Gurugram including its fee structure and withdrawal policy before submitting this application and agree to unconditionally abide by the same. I understand that the decision of the University is final with regard to my admission and fellowship. I promise to abide by the rules and regulations of the University as existing and as would be amended from time to time. If it is proved that I was admitted on false particular and / or documents provided by me or my antecedents prove that my continuance in this University is not desirable, the University shall have the right to expel me from the University, besides being liable for legal action against me, at my cost.

Date: \_\_\_\_\_

Signature of the Applicant \_\_\_\_\_

**1) FORM 1: APPLICATION FORM** **2) TRF FORM (IF ELIGIBLE AND IF APPLIED)**  
**3) RELEVANT DOCUMENTS AS MENTIONED IN PARA 9.1 OF THE ADMISSION POLICY.**

**Application forms and other required documents if submitted offline should be posted or submitted in person to:**

For School of Engineering and Technology	For School of Management & Liberal Studies	For School of Law
<b>Prof. Nitin Malik,</b> Dy. Dean (RDIL & Ph.D. Program) The NorthCap University, HUDA Sector 23-A, Gurugram, Haryana - 122017	<b>Dr. Deergha Sharma</b> Ph.D. Coordinator, The NorthCap University, HUDA Sector 23-A, Gurugram, Haryana - 122017	<b>Dr. Tapobrata Pakrashi</b> Ph.D. Coordinator, The NorthCap University, HUDA Sector 23-A, Gurugram, Haryana - 122017

**DECLARATION CUM UNDERTAKING**

I have read and understood that The NorthCap University (NCU) has been established by the Haryana State Legislature under The Haryana Private Universities (Third amendment) Act, 2009 and NCU is a Private Self-Financed University recognized by UGC and approved under Section 22(f) of the UGC Act, 1956. NCU has been included by UGC in their select list of approved Universities. This list of recognized Universities can be obtained from the UGC website [www.ugc.ac.in](http://www.ugc.ac.in)

I have clearly understood that the functions of Admission, Course Design, Curriculum Structures, Teaching Methodologies, Examinations/ Evaluation System (Internal and External) and all other issues related thereto including but not limited to the credit/ grading system, submission of synopsis, award of thesis etc. Shall be performed entirely by the University in accordance with the guidelines prescribed in the Statute/ Ordinances/rules and regulations as approved by NCU from time to time.

I hereby agree and undertake that if admitted, I shall abide by all the rules and regulations of NCU from time to time including but not limited to attendance, course work, Internal / External Examination, evaluations, publishing research work, submission of synopsis, thesis and plagiarism policy and ethics as prescribed in NCU Ph.D. rules and regulations, matters of discipline, timely payment of fee etc. I also agree that simply paying fees and spending time do not let me become eligible to complete Ph.D. and that I need to do quality research and publish quality publications, following the rules and regulations and should meet the eligibility conditions for the submission of thesis.

I understand that compliance to NCU rules/regulations as applicable is mandatory and non-compliance may lead to cancellation of my Ph.D. registration.

I understand that my admission to NCU if at all is provisional and subject to confirmation by Chancellor.

I hereby affirm that the information furnished in the Application Form is true and no material information has been concealed. If any information is found to be false, incorrect or misleading, NCU shall have the authority to cancel my candidature/admission without any further enquiry or notice. Under the circumstances, all fee paid for whatsoever purpose shall stand fully forfeited.

I understand and agree that Ragging and/or Smoking within the premises of the University and/or its hostels are illegal and strictly prohibited. I understand that the University has a ZERO Tolerance policy for indulging in any such act and that, if I am found engaging in any such act(s) or any other unlawful act(s) directly or indirectly, besides Police/Legal Action against me, I shall be expelled from the University. In such an event my fee shall also be forfeited.

I also affirm that I have read in detail the Admission Policy & Selection Procedure July 2023 of NCU including its fee structure and the withdrawal policy before submitting this application and agree to unconditionally abide by the same.

I further undertake that the broad areas which I have opted as indicated by me in the Application Form shall be irrevocable.

I also confirm that I have read the Ph.D. Rules and Regulations of NCU.

I have clearly understood the withdrawal policy of the University and the financial impact of a mid-course withdrawal on an unaided self-financed University like NCU. Therefore, in the event of withdrawal/cancellation of my admission from PhD programme, the fees already deposited by me will not be returned to me in any form.

That the contents of this undertaking have been read over and explained to me in vernacular and I am executing the same after understanding the contents thereof.

---

SIGNATURE OF APPLICANT

DATE

PLACE



**APPLICATION FOR TEACHING RESEARCH FELLOW (TRF)  
SCHEME  
THE NORTHCAP UNIVERSITY**  
*[Only for those who are applying for full time Ph.D. program]*

Pg 1 of 3

<b>Post Applied For</b>	<b>Teaching Research Fellow (TRF)</b>	<b>Department</b>	
-------------------------	---------------------------------------	-------------------	--

	First Name	Middle Name	Last Name
<b>1a. NAME</b>			
<b>1b. STATUS (Single/ Married):</b>		<b>1c. GENDER ( Male/ Female):</b>	
<b>2a. Present Address</b>			
<b>2b. Permanent Address</b>			
<b>2c. Email</b>			
<b>2d. Mobile</b>			
<b>2e. Residence Ph. No.</b>			

<b>3. Date of Birth</b>				(DD / MM / YYYY)
-------------------------	--	--	--	------------------

<b>4. Present Employment, if any</b>				
Designation				
Organization / Institution				
DOJ	DD		MM	YYYY
Pay Scale Rs.				
Basic Pay Rs.				

<b>5. Valid GATE/NET/SLET Score, if any</b>	
---	--

<b>6. Ph.D. admission:</b>	Applied for / Already admitted into Ph.D. programme of NCU (Please tick)
----------------------------	--

<b>7. Areas of research interest:</b>	
---------------------------------------	--

8. Academic record starting with Higher Secondary (XII) or equiv. :					
Degree	College / University / Institute	Year of Completion	Percentage / Score	Class / Division/ Rank	Full Time / Part Time

9. Experience if any (In Years):				
Teaching and/or Research		Industry		Any other (with details)

10. Employment, if any (Particulars of your previous work history, starting from Current Employment)			
Employer	Position held	DOJ	Date of Leaving

11. Teaching experience, if any (All Previous assignments including current):			
S.No.	Title of course taught	PG/ UG	Duration

12. Professional Training Received			
Year	Nature of Training	Duration	Organization where training was provided

13.(i) Important Conferences / Seminars attended		
Year	Conferences / Seminars attended	Title of paper read (if any)

<b>(ii) Journals (National/ International)</b>		
<b>S No</b>	<b>Title of Research Paper</b>	<b>Details like journal name,date of publication, Volume, pg no.</b>
1		
2		
3		
4		
5		
<b>(iii) Any other Accomplishments (Books, Commentary, Projects etc.) Give details</b>		
<b>14. Awards,if any, at National / International Level. Give details.</b>		
<p>NOTE: 1. Kindly attach complete list of papers, journals and proceedings, in case of insufficient space.</p> <p>2. Any additional information, if any, may be appended in a separate sheet with the relevant item number.</p> <p>3. Provide references of your previous employment, if any. Give email ids and contact no.</p>		
<b>I hereby declare that I have carefully read and understood the instructions and particulars supplied to me, and that all entries in this form as well as the attached sheets are true to the best of my knowledge and belief.</b>		

Date :

Place :

\_\_\_\_\_  
(Signature of Applicant)





## The NorthCap University

Sector 23-A, Gurugram-122017, Haryana, India  
Tel: +91 124 2365811-12 | [www.ncuindia.edu](http://www.ncuindia.edu)