NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
(Under the Ministry of Education, Govt. of India)
KURUKSHETRA-136119

Admission to Ph.D. Programs for Academic Year 2021-22   (Advt. No. 10/2021)

Indian and Foreign nationals are invited to apply online via Google Form (https://forms.gle/j4grVYh58Z8fx7hR6) for admission to Ph.D. programme in various departments/schools of engineering, sciences, social sciences, computer applications, and business administration for Academic Year 2021-22. The following information pertains to the seats that are available:

Departments / Schools	Specialization	Institute Scholarship Seats	Part time	Total
Civil Engg.	Geotechnical Engineering	11 (Gen -04, Gen(PwD)-01, OBC(NCL)-03, SC-01, SC(PwD)-01, ST-1)	02	-	02
	Structural Engineering		03	04	07
	Water Resources & Hydraulics Engineering		02	07	09
	Environmental Engineering		02	03	05
	Transportation Engineering		01	-	01
	Remote Sensing		01	-	01
Computer Engg.	Computer Networks, Internet of Things, Software Defined Networking,Wireless Sensor Networks,Mobile Computing,Cloud Computing, InformationSecurity, Cyber Security, Web Security, Cloud Security, IoT Security, Adhoc Network Security,WSN Security,Security in Pervasive Computers, Key Management in WSN,Online Social Networks, Image Processing, Signal Processing, Information Retrieval, Data Mining, Data Analytics, Pattern Recognition, Soft Computing, Biometrics, Machine Learning, Affective Computing, Software Engineering, Data Science	08 (Gen-03,EWS-01, OBC(NCL)-02, SC- 01, ST-01)	08	12	20
Information Technology	Computer Networks, Internet of Things, Software Defined Networking,Wireless Sensor Networks,Mobile Computing,Cloud Computing, InformationSecurity, Cyber Security, Web Security, Cloud Security, IoT Security,Adhoc Network Security,WSN Security,Security in Pervasive Computers, Key Management in WSN,Online Social Networks, Image Processing, Signal Processing, Information Retrieval, Data Mining, Data Analytics, Pattern Recognition, Soft Computing, Biometrics, Machine Learning, Affective Computing, Software Engineering, Data Science	04 (Gen-01, EWS-01, OBC(NCL)-01, SC-01)	04	12	16
Electrical Engg.	Power System, Control system, Power Electronics & Drives, Renewable Energy	12 (Gen-05, EWS-01, OBC(NCL)-03, SC-02, ST-01)	12	30	42
ECE	Electronics & Communication Engineering	11 (Gen-04, Gen(PwD)-01 EWS -02,OBC(NCL)- 02, OBC(PwD)-01, SC- 1)	11	40	51

Department	Specialization	Seats (Category)			
Mechanical Engg.	Production & Industrial Engineering	11 (Gen-05, EWS -01, OBC(NCL)-03, SC-01, ST-01)	03	06	09
	Thermal Engineering		04	08	12
	Machine Design		04	08	12
Production & Industrial Engg.	Production & Industrial Engineering	04 (Gen-02, OBC(NCL)-01, SC- 01)	04	10	14
Physics	Experimental Physics, Physics, Material Science	03 (Gen-01, EWS-01, OBC(NCL)-01)	03	10	13
Chemistry	Inorganic / Organic / Physical / Material / Analytical / Computational Chemistry	03 (Gen-01, OBC(NCL)-01, SC-01)	03	15	18
Math	Mathematics	03(Gen-01, OBC(NCL)-01, SC- 01)	03	10	13
Hum. & S.S.	Economics	01 OBC(NCL)-01)	01	02	03
SREE	Solar Energy, IC Engines, Biofuel, distributed Generation, operational aspects of Renewable energy sources, micro grids stability, optimization in renewable integrated system, smart materials design and application performance issues in Micro Grid/smart Grid, Marine Renewable energy systems instrumentation and control applications in renewable energy systems, power electronics and renewable energy sources power system distribution network energy management, electric vehicle charging, application of soft computing techniques to power system, operation and control with renewable energy integration, control issues in hybrid renewable energy systems, CFD, Heat Transfer, CFD Modeling studios of renewable energy devices, CFD modeling of PCM-based enhanced latent heat storage systems	01 Gen-01	01	14	15
VLSI	Embedded System Design, Low Power VLSI Design, Micro Electronics & VLSI, VLSI Devices, Nano Electronics, IoT, Mixed signal VLSI, Nano Technology, VLSI Design, Semiconductor Devices, Analog Devices	02 (OBC(NCL)-01, ST-01)	02	20	22
MCA	Cyber Physical Systems, Big Data, Artificial Intelligence, Knowledge Engg., Machine Learning, Any other specialization	03 (Gen-01, EWS-01, OBC(NCL)-01	03	04	07
MBA	Marketing Management	03 (Gen-01, SC-01, ST-01)	02	-	03
	Financial Management		01		
Total		80 Gen-30, Gen(PwD)-02, EWS -08, OBC(NCL)-21, OBC(PwD)-01, SC- 11, SC(PwD)-01, ST-06)	80	215	295*

* In addition to these seats, applications will also be invited for CSIR-UGC-JRF or any other scholarship seats as sponsored by the external agency that are variable in number depending on the availability of the supervisors' slots of the concerned departments.

Project Seats: -

Sr. No.	Deptt./School	Project Seats	Area of Specialization
1.	Physics	1	Radiation Physics
2.	Business Administration	1	General Management

Note: -

1**. The number of CSIR-UGC-JRF or any other scholarship seats sponsored by the external agency to be offered/filled will be decided by the respective departments/schools, as per availability of supervisors/slots.**

2. **Candidates working under a sponsored project at NIT Kurukshetra may be considered for Ph.D. admission by the concerned department only if slots are available with the PI/Co-PI and PI/Co-PI is eligible to be the supervisor/co-supervisor.**

3. **At no stage, the Institute scholarship will be given to a candidate, in any case, who has been admitted under sponsored project or under any other sponsored scheme. Such scholars will be bound to follow terms and conditions of project sponsoring agency.**

4. **Only GATE-NET qualified candidates can apply against full time Institute Scholarship seats.**

5. **OBC (NCL)/EWS certificate must have been issued / renewed on or after April 01, 2021**

6. **Candidate must fulfill the eligibility criteria by the last date of application i.e. December 14, 2021**.

Before submitting the online application (Google Form) for Ph.D. admission for the Academic Year 2021-22, all interested candidates are advised to read the Ph.D. Ordinance 2021-22, available on the Institute website, carefully for eligibility and other requirements. If the application is incomplete or any information is found misleading/false at any point during or after the admission process, the candidate's candidature/admission will be cancelled and the application fee will not be refunded in any case. Kindly visit the Institute's website www.nitkkr.ac.in under Admission 2021->Ph.D. tab and submit the Ph.D. application form before expiry of the Google Link   (https://forms.gle/j4grVYh58Z8fx7hR6) i.e. December 14, 2021 up to 5:30 PM.

Sd/-
Date:- November 23, 2021   **Registrar In-charge**