

ACW/2mwd/23/5702  
Dt-25-10-2023

**SCHOOL OF VLSI DESIGN & EMBEDDED SYSTEMS**  
**NATIONAL INSTITUTE OF TECHNOLOGY**  
**KURUKSHETRA**


No. SVE/2023/392

Date: 25-10-2023

**Subject: Information of faculty-wise available slots for supervision of Ph.D. research scholars to be admitted in even semester of AY 2023-24 regarding.**

With reference to letter No. Acad/23/1550, Dated: 06.10.2023, please find the information of faculty-wise available slots for supervision of Ph.D. research scholars to be admitted in odd semester of AY 2023-24 in the prescribed format enclosed herewith.

Sr. No.	Name of the Faculty	Areas of Specialization	Total no. of slots available	No. of slots to be offered for even sem. of AY 2023-24
1.	Dr. R. K. Sharma	VLSI & Embedded Applications in Health care	05	02
2.	Dr. Gaurav Saini	Nano Scale Devices, Low Power VLSI Design	05	02
3.	Dr. Trailokya Nath Sasamal	Embedded Computing Quantum Architecture, QCA Design, Low power digital design, Reconfigurable Computing	07	02
4.	Dr. Ashutosh Nandi	Micro Electronics, Modeling of Semiconductor devices, Device circuit co-design issues, Low power design	08	03
5.	Dr. Shweta Meena	Spintronics, Energy storage applications, Nano scale devices using 2D materials	05	02
6.	Dr. Dharmendra Singh Yadav	VLSI Design, Micro and Nano Electronics, Thin Slim Transistors, Memory Designing	08	02

  
Coordinator, SVE  
25/10/2023

**Dean (Academics)**



academic section &lt;phd@nitkkr.ac.in&gt;

**List of faculty members teaching in SREE**

1 message

Wed, Oct 25, 2023 at 10:26 AM

ashwani.k.sharma . <ashwani.k.sharma@nitkkr.ac.in>  
To: academic section <phd@nitkkr.ac.in>

Dear Sir,  
the following faculty members are teaching in SREE Dept.

1. Dr. Ashwani Kumar Prof. EED
  2. Dr. Shelly Vadhera, Assoc. Prof. EED
  3. Dr. Pradeep Kumar, AP, EED
  4. Dr. Shivam, A.P EED
  5. Dr. Murlidhar Killi, A.P. EED
  6. Dr. Sudipta Ghosh, A.P EED
  7. Dr. Rajneesh,, A.P MED
  8. Dr. Rajesh Kumar, A. P. EED
  9. Dr. Chandrasekhara M. A.P MED
- SREE Coordinator

Dr. Ashwani Kumar, SMIEEE, Fellow IE (I), Fellow IETE (I), LMISTE, LMSCIEI  
Professor,  
Department of Electrical Engineering  
NIT Kurukshetra Haryana, India  
PIN 136119  
mobile: +919416366091  
office No: +911744233389  
email: ashwani.k.sharma@nitkkr.ac.in, ashwaks@gmail.com, ashwani.k.sharma@ieee.org

Acad/2nd/23/5421  
Dt. 16-10-23

**DEPARTMENT OF CHEMISTRY**  
**NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA**  
**KURUKSHETRA 136 119**

No.CH/23/

No. CH/23/1021

Dated: 16<sup>th</sup> October, 2023

This is with the reference to letter no. No. Acad/ 23/ 1550 date 06.10.2023, regarding information of faculty-wise available slots for supervision of Ph.D. research scholars to be admitted in Even Semester of A.Y. 2023-24. The information in respect of Chemistry Department is as given below:-

Name of the Department: **Chemistry**

Sr. No.	Name of the Faculty (Prof./Dr./Mrs./Mr.)	Area Specialization	Total No. of slots available	No. of slots to be offered for Even sem. Of A.Y. 2023-24
1.	J. K. Kapoor	Synthetic Organic Chemistry	05	01
2.	Minati Baral	(i) Coordination Chemistry (ii) Supramolecular Biomimetic Chemistry (iii) Photoluminescence and Sensor (iv) Computational Chemistry	05	03
3.	Chetti Prabhakar	(i) Functional Organic Materials (ii) Computational Materials (iii) Computational Bioorganic Chemistry	03	01
4.	Ram Kumar Tittal	(i) Organic Synthesis and (ii) Medicinal Chemistry	03	01
5.	Amilan Jose	(i) Supramolecular Analytical Chemistry (ii) Inorganic Chemistry and Nano Chemistry	03	02
6.	Ghule Vikas D.	(i) Organic Chemistry (ii) Computational Chemistry (iii) High Energy Materials	05	01
7.	Avijit Kumar Paul	(i) Inorganic Chemistry (ii) Materials (iii) Crystallography (iv) Solid State	04	01

Dean (Academic)

*Alukay*  
17/10/23

*Subject*  
17/10/23  
Ph.D.

*(J. K. Kapoor)*  
16.10.2023  
HOD

MA/2023/554  
17/10/2023

DEPARTMENT OF MATHEMATICS  
National Institute of Technology  
Kurukshetra-136119

No. MA/2023/554

Dated: 13-10-2023

With reference to your letter No. Acad./23/1550, dated:06/10/2023, Please find the required information.

Name of Department/School: Mathematics

Sr. No.	Name of th Faculty	Area of Specialization	Total no. of slots available	No. of Slots to be offered for Even sem. Of AY 2023-24
1.	Dr. Paras Ram	Fluid Dynamics	05	01
2.	Dr. A.V.Ravi Kanth	Numerical Analysis	06	01
3.	Dr. Sarasvati Yadav	Lie Theory and Special Functions	01	Nil
4.	Amit Prakash	Numerical Analysis	01	01
5.	Dr. Smita Sonker	Fourier Approximation	02	02
6.	Dr. Surender Ontela	Computational Fluid Dynamics	08	02
7.	Dr. Raghvendra	Numerical Analysis	06	00
801.	Dr. M.M. Harshita	Numerical Analysis	06	00

Ravi Kulkarni  
(HoD) 13/10/23

Dean (Acad.)

**CIVIL ENGINEERING DEPARTMENT**  
**NATIONAL INSTITUTE OF TECHNOLOGY**  
**KURUKSHETRA**

Acad/2023/5416  
Dt. 16-10-2023

CED/2023/1235

Date: 16.10.2023

Department Name: **Civil Engineering**

**List of Faculty with Ph.D Slots available for the supervision during academic session 2023-24.**

Sr. No.	Name of Faculty Dr./ Prof./ Sh.	Specialization (s) to be offered	Total No. of slots available	No. of slots to be offered for Even Sem. of AY 2023-24	Signature
01.	S.K. Madan	Structural Engineering	-	-	-
02.	H.K. Sharma	Structural Engineering	03	02 - Regular	Sharma 16/10/23
03.	K.K. Singh	Water Resources Engg.	05	02 - Full time 01 - Part-time	16/10/23
04.	S.M. Gupta	Structural Engineering	07	02 Regular	16/10/23
05.	Arun Goel	Water Resources Engg	05	02	10/10/2023
06.	S.K. Patidar	Environmental Engg.	05	01 - Regular	16.10.23
07.	Ashwani Jain	Soil Mechanics and Foundation Engg <i>Geotechnical Engg</i>	07	01 - Regular 01 - PT	11.10.23
08.	Mahesh Pal	Remote Sensing	4	2 Regular	10/10/2023
09.	Surinder Deswal	Environmental Engg.	4	01	10/10/23
10.	V.P. Singh	Structural Engineering	4	2 regular + 2 parttime	10/10/23
11.	Praveen Aggarwal	Transportation Engg.	6	2	10/10/23
12.	Saraswati Setia	Structural / Seismic	7	7	10/10/23
13.	Paratibha Aggarwal	Concrete / Structural	05	02 - Fulltime. 02 - Parttime	Paratibha 10/10/23
14.	N.K. Tiwari	Water Resources & Soil Mech & Foundation Engg.	07	01 - Regular	10/10/23
15.	Babita Saini	Concrete (Exp. & Analytical), Steel	06	NIL -	Babita 10/10/23
16.	H.D.Chalak	Structural Engineering	06	01	10/10/23
17.	A.K. Prabhakar	Water Resources Engg.	06	02	10/10/23
18.	J.S.Yadav	Geotechnical Engineering	05	01	10/10/23
19.	Shweta Rathi	Environmental Engg	08	02	10/10/23
20.	Pankaj Munjal	Structural Engineering	08	03	10/10/23
21.	Yogesh Aggarwal	Structural Engineering	08	03 Fulltime 03 Part Time	Yogesh 10/10/23

Dean(Academic)

*17/10/23*

*17/10/23*

Ph.D.

*16.10.2023*

Head of Department

Acad/2nd/23/5358  
Dt. 13/10/2023

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES  
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA-136119

No. HSS-DRC/59

Date: 12.10.2023

Sub: Information of faculty wise available slot for supervision of PhD research scholars to be admitted in Even Semester of AY2023-2024 regarding

Name of the Department – Humanities and Social Sciences

Sr No	Name of Faculty	Areas of Specialization	Total No. of Slots Available	No. of Slots to be offered for Even Sem of AY 2023-24
1	Dr Shabnam	Psychology	05	05
2	Dr Geeta Sachdeva	Management	04	04
3	Dr Ashwini	Economics	05	02
1	Dr Rajesh Sharma	Economics	01	01

Dean (Academic)

*[Signature]*  
13/10/23

*[Signature]*  
Mr. Offender

*[Signature]* 12.10.2023  
Dr Shabnam  
Chairperson DRC

Acad/23/1550/3337  
Dt. 12/10/23

DEPARTMENT OF PHYSICS  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No. Ph./23/ 4113

Dated: 12.10.2023

With reference to your letter no. Acad/23/1550 dated 06.10.2023, required information given below:

Name of Department/School: Physics

Sr. No	Name of the Faculty	Area of Specialization	Total no. of slots available	No. of slots to be offered for Even Sem of AY 2023-24
1.	Dr. Ashavani Kumar Professor	High Energy Physics Nanotechnology	01	01
2.	Dr. Neena Jaggi Professor	Spectroscopes, Nanomaterials based on Carbon Nanotechnology	04	02
3.	Dr. R.P. Chauhan Professor	Radiation Physics, Nanomaterials Thin Films, Nanowires	-	-
4.	Dr. Prakash Chand Assistant Professor	Energy Storage Devices Supercapacitor	01	01
5.	Dr. Y. Dwivedi Assistant Professor	Laser Spectroscopes, Material Science Photonics	02	02
6.	Dr. A.K. Tripathi Assistant Professor	Semiconductor Nano-Materials	05	02
7.	Dr. K.L. Ganapathi Assistant Professor	Semiconductor Devices Quantum Devices	08	02
8.	Dr. Tanmay Maji Assistant Professor	Theoretical High Energy, Quantum Chromodynamics	07	02
9.	Dr. Than Singh Saini Assistant Professor	Nonlinear Fiber Optics, Si-core optical fibers	07.5	02

Dean (Academic)

*Phukan*  
13/10/23

*Mr. Dikender*

HOD, Physics

*TS*  
12/10/2023

Acad/22/23/5334

Dt. 12/10/23

DEPARTMENT OF PHYSICS  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No. Ph./23/4114

Dated: 12.10.2023

With reference to your letter no. Acad/23/1551 dated 06.10.2023, required information given below:

Name of Department/School: Physics

Sr. No	Deptt./ School	Project Investigator (PI) Name	Funding Agency	No. of Slots	Area of Specialization	Duration of Project	
						From	To
1.	Physics	Dr. Ashavani Kumar Professor	-	-	-	-	-
2.	Physics	Dr. Neena Jaggi Professor	-	-	-	-	-
3.	Physics	Dr. R.P.Chauhan Professor	-	-	-	-	-
4.	Physics	Dr. Prakash Chand Assistant Professor	-	-	-	-	-
5.	Physics	Dr. Y. Dwivedi Assistant Professor	-	-	-	-	-
6.	Physics	Dr. A.K.Tripathi Assistant Professor	-	-	-	-	-
7.	Physics	Dr. K.L.Ganapathi Assistant Professor	-	-	-	-	-
8.	Physics	Dr. Tanmay Maji Assistant Professor	SERB	01	Quantum Chromodynamics (to be joined)	November 2023	November 2025
9.	Physics	Dr. Than Singh Saini Assistant Professor	-	-	-	-	-

Dean (Academic)

Chauhan  
13/10/23

Mr. Oberoi

HOD, Physics

12/10/2023

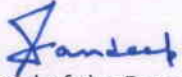


12/2023/5330  
12/10/23

Regarding information of faculty wise available slots for supervision of PhD research scholars to be admitted in Even semester of AY 2023-24

Name of the Department/School: Computer Applications

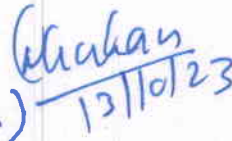
Sr. No.	Name of the Faculty	Areas of Specialization	Total no. of slots available	No. of slots to be offered by Even Sem of AY 2023-24
1.	Dr. Sandeep Kumar Sood	Quantum Computing, IoT, Cloud Computing	1	1
2.	Dr. Sarika Jain	Artificial Intelligence, Natural Language Processing, Knowledge Engineering	3	3
3.	Dr. Kapil	Machine Learning and Applications	4	4
4.	Dr. Munish Bhatia	IoT, Edge AI, Quantum Computing	6	6
5.	Dr. Nidhi Gupta	Computer Vision, Artificial Intelligence, Image Processing, Pattern Recognition	6	6
6.	Dr. Anshu Parashar	Software Quality, Machine/Deep Learning Applications for sustainable development Block Chain	3	3
7.	Dr. Suresh S	Graph, Game Theory	5	5

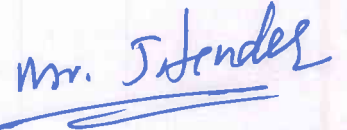


Head of the Department

Date: 12/10/23

Dean (Academic Affairs)

  
13/10/23



Ref-773

Acad/2023/5391

Dt 12/10/23

DEPARTMENT OF BUSINESS ADMINISTRATION  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA – 136119

No. DBA/2023/570

October 12, 2023

This is with reference to your letter no. Acad./2023/1550 dated: 06.10.2023, regarding the upcoming admissions in Ph.D programme for the Even Semester of AY2023-24. Please find the attached details:

Name of the Department/School: Department of Business Administration

Sr.No.	Name of the faculty	Areas of Specialization	Total No. of slots available	No.of slots to be offered for Even sem. of AY2023-24 (For Institute Scholarship).
1	Dr. Neeraj Kaushik	MARKETING	03	02
2	Dr. Mohammad Firoz	FINANCE	05	02
3	Dr. Chandra Sekhar	HRM&OB	06	02
4	Dr. Priyanka Sihag	HRM&OB	08	02
5	Dr. Mohit Kumar Ojha	FINANCE	08	02

Submitted for the kind information please.

Neeraj  
12/10/23

HOD

Dean (Academic)

Duhas  
13/10/23

Mr. D. Danda

Head of Department  
Department of Business Administration  
National Institute of Technology  
Kurukshetra-136119

Acad/2m/23/5419  
Dt. 16-10-23

DEPARTMENT OF COMPUTER ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No. CO/2023/ 903

Dated: 13.10.2023

Ref.: Letter No. Acad/23/1550 dated 06.10.2023

The desired information pertinent to the Department of Computer Engineering is as follows:

Department of Computer Engineering – Computer Engineering				
Sr. No.	Full Time Slots	CSIR/UGC/PROJECT etc. Slots	Part Time Slots	Specialization
1.	36	01	22	Computer Networks, Internet of Things, Software Defined Networking, Wireless Sensor Networks, Mobile Computing, Cloud Computing, Pervasive Computing, Nature Inspired Computing, Soft Computing, Block Chain Technology, Information Security, Cyber Security, Web Security, Cloud Security, IoT Security, Adhoc Network Security, WSN Security, Security in, Key Management in WSN, Online Social Networks, Image Processing, Signal Processing, Information Retrieval, Data Mining, Data Analytics, Data science, Pattern Recognition, Biometrics, Machine Learning, Affective Computing, Bio-Informatics, Multimedia Analysis, Software Engineering, Computer Vision

Department of Computer Engineering – Information Technology				
Sr. No.	Full Time Slots	CSIR/UGC/PROJECT etc. Slots	Part Time Slots	Specialization
1.	36	01	22	Computer Networks, Internet of Things, Software Defined Networking, Wireless Sensor Networks, Mobile Computing, Cloud Computing, Pervasive Computing, Nature Inspired Computing, Soft Computing, Block Chain Technology, Information Security, Cyber Security, Web Security, Cloud Security, IoT Security, Adhoc Network Security, WSN Security, Security in, Key Management in WSN, Online Social Networks, Image Processing, Signal Processing, Information Retrieval, Data Mining, Data Analytics, Data science, Pattern Recognition, Biometrics, Machine Learning, Affective Computing, Bio-Informatics, Multimedia Analysis, Software Engineering, Computer Vision

\*Faculty wise slots are attached.

Dean (Academic) *[Signature]*  
17/10/23

Supdt. (Acad) *[Signature]*  
17/10/23  
Pb.D.

*[Signature]*  
16.10.23  
Head of Department  
*[Signature]*  
13/10/23

**Faculty wise slots:**

Sr. No.	Name & Designation	No. of slots available	
		Full-time	Part-time
1	Dr. A K Singh, Professor	02	-
2	Dr. Mayank Dave, Professor	02	-
3	Dr. J K Chhabra, Professor	01	01
4	Dr. S K Jain, Professor	01	-
5	Dr. R K Aggarwal Professor	01	-
6	Dr. Priyanka Ahlawat, Asst. Prof.	02	02
7	Dr. Mohit Dua, Asstt. Prof.	02	01
8	Dr. (Ms.) Ritu Garg, Asstt. Prof.	02	01
9	Dr. M. Kr Murmu, Asstt. Prof.	02	02
10	Dr. Ankit Kr. Jain, Asstt. Prof.	01	-
11	Dr. Anoop Kr. Patel, Asstt. Prof.	02	02
12	Dr. Santosh Kumar, Asstt. Prof.	02	02
13	Dr. Kriti Bhushan, Asstt. Prof.	02	02
14	Dr. Krishan Kumar, Asstt. Prof.	01	01
15	Dr. Niyati Baliyan, Asstt. Prof.	04	01
16	Dr. Sushil Kumar, Asstt. Prof.	04	02
17	Dr. Kuldeep Kumar, Asstt. Prof.	01	01
18	Dr. Yogita, Asstt. Prof.	02	02
19	Dr. Lov Kumar, Asstt. Prof.	02	02
Total		36	22

P. O. / 13/10/23

Acad/2023/5683

Dt 23/10/2023



विद्युतीय अभियांत्रिकी विभाग  
DEPARTMENT OF ELECTRICAL ENGINEERING  
राष्ट्रीय प्रौद्योगिकी संस्थान  
NATIONAL INSTITUTE OF TECHNOLOGY  
कुरुक्षेत्र-136119  
KURUKSHETRA-136119

No. EED/2023/ 1945

Dated: 20.10.2023

With reference to the letter No. Acad/23/1550 dated 06.10.2023, regarding information of faculty-wise available slots for supervision of Ph.D. research scholars to be admitted in Even semester of AY 2023-24. The required information is attached (list attached).

Head of the Department

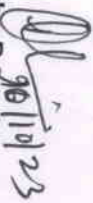
Dean (Acad.)

**विद्युतीय अभियांत्रिकी विभाग**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**राष्ट्रीय प्रौद्योगिकी संस्थान**  
**NATIONAL INSTITUTE OF TECHNOLOGY**  
**कुरुक्षेत्र-136119**  
**KURUKSHETRA-136119**

Sr. No.	Name of the faculty member	Designation	Areas of specialization	Total no. of slots available	No. of slots to be offered for Even sem. of AY 2023-24
1	Dr. (Mrs.) Lillie Dewan	Professor	Control Systems	4	24
2	Dr. G. L. Pahuja		Control System & Reliability Engineering	5	
3	Dr. Ratna Dahiya		Power System Stability & Control, FACTS, Microgrid Control	4	
4	Dr. L. M. Saini		Power Electronics, Power System	7	
5	Dr. Ashwani Sharma		Power Systems, Renewable sources integration issues, Distributed generation and Micro Grids Aspects	3	
6	Dr. (Mrs.) Jyoti Ohri	Control System, Robotics, Power Quality Control	5	3	
7	Dr. J. S. Lather	Control Systems, Power Sys and Microgrid control	4	4	
8	Dr. Sathans	Intelligent control, microgrid and hybrid renewable energy systems, evolutionary optimization techniques and applications	6	6	
9	Dr. Yashpal	Power Electronics, Power Quality, Custom Power Devices, Renewable Energy Sources	5	5	
10	Dr. (Mrs.) Monika Mittal	Control System, Signal Processing, Renewable Energy	3	3	
11	Dr. Saurabh Chanana	Power Systems & Renewable energy systems	5	5	
12	Dr. (Mrs.) Shelly Vadhera	Renewable Energy with Intelligent Control	5	5	
13	Dr. A. K. Dahiya	Control System, Renewable Energy, Electric Vehicles	3	3	
14	Dr. Bhanu Pratap	Control Systems, Instrumentation	5	5	
15	Dr. Modi Pandu Ranga Prasad				

16	Dr. Sandeep Kakran	Assstt. Professor Gr-I	Power System, Distribution system analysis, Energy management, Microgrid	1 (utilised), 7 (available)	7	
17	Dr. Rahul Sharma		Power Electronics, Renewable Energy, Electrical Vehicles, Microgrid	5	2	
18	Dr. Shashi Bhushan Singh		Power quality	Power Systems, Distribution Systems	5	6
19	Dr. Pradeep Kumar					
20	Dr. Kiran Kumar Jajladi		Power Electronics & Drives application with Renewable energy systems and Microgrid	Power Electronics	7	2
21	Dr. Shivam					
22	Dr. Amit Kumar		Assstt. Professor Gr-I	Distribution System Planning & Operation, Automatic Generation Control, Economic Load Dispatch, Renewable Energy Integration, Power Quality	6	Nil
23	Dr. Muralidhar Killi			Power Electronics, Renewable Energy & EV Technology	7	1
24	Dr. V.G. Durgarao Rayudu		Assstt. Professor Gr-I	Model Order Reduction Techniques in Control System, Robotics, Optimal Control Techniques, Tuning and Design of a Conventional and Intelligent Controllers, Design of sub-optimal controller.	7	2
25	Dr. Rajesh Kumar			Intelligent modeling & Control, Artificial Neural Networks, Fuzzy systems, Optimization, Soft Computing	4	1
26	Dr. Sudipta Ghosh		Assstt. Professor Gr-I	Power Systems	7	7

Head of the Department

 10/11/23


Acad/23/123/5734  
M. 26-10-2023

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

No.ECE/23/ 1970

Date: 23.10.2023

With reference to your letter no Acad./23/1550 dated 06.10.2023 please find enclosed information of faculty – wise available slots for supervision of Ph.D. research scholars to be admitted in odd semester of A Y 2023-24.

  
Head of the Department

Dean (Academic)



Sr. no.	Name of the Faculty	Areas of Specialization	Total no. of slots available	No. of Slots to be offered of odd sem. of AY 2023-24
1	Dr. B.J. Singh, Prof.	Mobile Communication & Wireless Networks	08	07
2	Dr. R.K. Sharma, Prof.	Applications of VLSI in Health Care	05	02
3	Dr. O.P. Sahu, Prof.	Digital Signal Processing Communication Systems	06	06
4	Dr. Umesh Ghanekar, Prof.	Image Processing	04	04
5	Dr. Rajoo Pandey, Prof	Communication Systems and Signal Processing	04	01
6	Dr. Vikas Mittal, Assoc Prof.	Signal and Image Processing	3.5	3.5
7	Dr. N.P. Singh, Assoc. Prof.	Wireless Communications 5G/6G Technologies	05	03

8	Dr. Vrinda Gupta, Assoc. Prof.	Wireless Sensor Networks/ Internet of Things/ Wireless Communication/ Cryptography	06	06
9	Dr. Arvind Kumar, Assoc Prof	Communication Systems Signal Processing Antenna Design	04	04
10	Dr. Rajender Kumar, Asst. Prof	Wireless Network IOT/ CRN Optimization Tech.	07	02
11	Dr. Poonam Jindal, Asst. Prof.	Wireless Network Security Wireless Communication	05	05
12	Dr. Gaurav Verma, Asst. Prof.	Wireless Communications, Machine Learning and Deep learning and Applications, NOMA, 5G/6G, RSMA Wireless Sensor Networks Semiconductor Devices Low power VLSI Design, Digital and Image Signal Processing etc..	05	05
13	Dr. Pankaj Verma, Asst. Prof	Machine learning & AI future generation communication systems Wireless & optical Communication	07.5	07.5
14	Dr. Gaurav Saini, Asst. Prof	VLSI Design Nanoscale Devices	05	05
15	Dr. T.N. Sasamal, Asst. Prof.	Embedded Computing Quantum Architecture, QCA Design, Low Power digital design, Reconfigurable Computing	07	03
16	Dr. Chhagan, Asst. Prof.	Wireless communication Cognitive Radio Networks noma Digital Communication	7.5	7.5

17	Dr. Ashutosh Nandi, Asst. Prof.	Microelectronics & VLSI		08		08
18	Dr. Shweta Meena, Asst. Prof.	Microelectronics & VLSI Molecular Engg. Of 2D materials Energy storage (l on batteries and hydrogen storage and spintronic based devices.		07		02
19	Dr. Dheeraj Kumar Sharma, Asst. Prof.	Cryptography & Communication Systems Communication Systems.		7.5		7.5
20	Dr. Karamdeep Singh, Asst. Prof.	Optical Communication, Microwave Photonics, Cryptography, Wireless Optical Communication		08		08
21	Dr. B. Bhaskara Rao, Asst. Prof.	Signal Processing		08		02
22	Dr. Hemant Sharma, Asst. Prof.	Signal & Image Processing, Computer vision, Machine Learning		08		08
23	Dr. Ghanapriya Singh, Asst. Prof.	Signal Processing and machine learning, image processing, speech Processing, IoT		08		08
24	Dr. Dharmendra Singh Yadav	VLSI and Microelectronics		08		08

Acad/22/23/5389  
PK 14-10-2023

DEPARTMENT OF MECHANICAL ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No: MED/23/5058

Dated: 13.10.2023

Sub: Regarding Slots Information for Ph.D. Admission Regular/Part time  
for Even Semester AY 2023-24.

With reference to your Letter No. ACAD./23/1550, dated: 06.10.2023, regarding information of faculty-wise available slots list for supervision of Ph.D. research scholars to be admitted in Even Semester of AY 2023-24, please find the required details in prescribed format enclosed herewith.

*Y. K. Jindal*  
13.10.23  
Head of Department

Dean (Academic)

*A. K. Jindal*  
14/10/24

Enclosures:

01. List as mentioned above.

*Mr. Jindal*

**Mechanical Engineering Department**  
**NIT Kurukshetra**  
**Details Regarding Ph.D. Slots for Admission in Ph.D. Programme for Even Semester AY**  
**2023-24**

S.No	Name of the Faculty Member & Designation	Areas of Specialization	Total No. of slots available	No. Of slots to be offered for Even Sem of AY 2023-24	Remarks, if any
1	Gian Bhushan, Professor	Tribology, Fluid Engg, CAE, FEA	4	2	
2	Ajay Jain, Professor	Production & Industrial Engg	7	2	
3	Sandeep Singhal, Associate Prof	Production & Industrial Engineering	5	3	For Full Time
4	Punit Kumar, Professor	Machine design, Tribology, Fluid Rheology, Rueter dynamics and vibrations, Magnetic bearings actuator. And Controller design, hi velocity impact simulation. Advanced materials design and analysis	4	4	slots offered only for Full-time students
5	Lalit Thakur, Assistant Professor GR-1	Tribology, Composite Materials, Welding, Thermal Spray Coatings, Powder Metallurgy	3	2	Slots offered only for regular candidates
6	Dr. P.C. Tewari	Industrial & Production Engineering	1	1	Slot offered only for Full-time student
7	Dr Ravi Pratap Singh	Micro Machining, Development of Hybrid Machining Processes, Additive Manufacturing, Advanced Manufacturing Methods	7	2	Slots offered only for Full-Time Scholars
8	Prof. Dixit Garg	Supply Chain, Quality, AMT etc.	3	3	
9	Dr. Pankaj Sahlot	Additive Manufacturing/3D Printing, Welding/Friction Stir Welding, Mechanical Testing and Microstructural Characterization of Advanced Materials, Wear	7	2	Slots offered only for Full-Time Scholars
10	Dr. Mukesh Kumar	Supply chain management, RFID enabled supply chains, Sustainable technology enabled supply chain management, Inventory management models in supply chains.	7	2	Slots offered only for Full-Time and part time Scholars

22	Dr. Ranjeet Kumar Assistant Professor	Additive Manufacturing, Multi-axis Curved Layer Deposition, Manufacturing Automation, CAD Programming	8	2	
23	Dr. Rajesh Kumar (Thermal)	CFD, Turbulence modeling, Modeling of Solidification and Melting.	4	1	
24	Prof. P.K. Saini	Acoustics, Noise Mapping, Tribology	5	5	-

 13.10.23  
Head of Department