

ACW/2nd/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 <phd@nitkkr.ac.in>

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: 16th 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 Kanth
(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

Mr. D. D. D. D.

[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

T. S. Saini
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

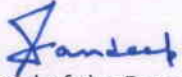
Yejin
12/10/2023

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. D. D.

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 | 2 | |
| 12 | Dr. (Mrs.) Shelly Vadhera | Renewable Energy with Intelligent Control | 5 | 5 | |
| 13 | Dr. A. K. Dahiya | Control System, Renewable Energy, Electric Vehicles | 3 | Nil | |
| 14 | Dr. Bhanu Pratap | Control Systems, Instrumentation | 5 | 3 | |
| 15 | Dr. Modi Pandu Ranga Prasad | | | 5 | 5 |

| | | | | | |
|----|--------------------------|------------------------|--|-----------------------------|-----|
| 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 | 5 | 6 |
| 19 | Dr. Pradeep Kumar | | Power Systems, Distribution Systems | 5 | 5 |
| 20 | Dr. Kiran Kumar Jaladi | | Electrical Drives, Renewable Energy and Power Electronics | 7 | 2 |
| 21 | Dr. Shivam | | Power Electronics & Drives application with Renewable energy systems and Microgrid | 5 | 2 |
| 22 | Dr. Amit Kumar | | 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 | | 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 | | Power Systems | 7 | 7 |

Head of the Department


20/11/23


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. Jindal
13.10.23
Head of Department

Dean (Academic)

A. K. Singh
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 |

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|----|--|--|---|---|---|
| 11 | Dr. Chandrashekara M | Solar Energy | 1 | 1 | |
| 12 | V S Nagendra Reddy B | Compliant Mechanisms, FEM, Solid Mechanics, Modeling & Simulation | 8 | 1 | For full time candidate only |
| 13 | Dr Dinesh Rathod | Welding Engineering and Technology, Structural Integrity of welded structure, Residual stresses, Wire Arc Additive Manufacturing of demanding materials, Advanced welding and characterization using DIC | 7 | 2 | Preferably for full time candidates |
| 14 | Gulshan Sachdeva | Refrigeration and Air conditioning, Heat Exchanger Design, Renewable Energy Sources | 4 | 1 | |
| 15 | Rajiv Verma | Tribology, FEM | 3 | 1 | For Full Time |
| 16 | Dr Rajesh Kumar II | Multiscale Modelling of Materials for Mechanical and Thermal Behavior, Adsorption based Hydrogen Fuel Storage | 2 | 2 | |
| 17 | Dr Dilbagh Panchal | Quality Reliability and Maintenance Engineering, Supply Chain Management | 7 | 2 | Full Time |
| 18 | Dr. Vikas Kumar (PI) | Conventional and non-conventional manufacturing processes, Material fabrication and characterization, Ultrasonic machining, Cladding, composite materials, Friction stir welding | 3 | 2 | Slots offered only for Full-Time Scholars |
| 19 | Dr. Manoj Kumar Gupta | Machine Design, Tribology, Condition Monitoring, Mechanical Vibrations, Materials, CAD, Renewable Energy systems. | 4 | 2 | |
| 20 | Dr. Manoj Kumar Sinha Assistant Professor (Gr-I) | Sustainable grinding/machining of DTM materials, Synthesis & characterisation of low cost MMCs, Additive Manufacturing, Metal forming. | 7 | 2 | Preferably for full time Scholars |
| 21 | Dr. Vikas Kumar (Design), Assistant Professor | Mechanical Vibration, Dynamics of Machines and Vehicles, Human Vibration, Vibro-ergonomics, Condition Monitoring, Digital Twinning, Vibration in Manufacturing Technologies and Materials. | 7 | 3 | Preferably for full time candidates |

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|----|--|--|---|---|---|
| 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