

# Maharaja Agrasen Institute of Technology

Prof. (Dr.) N. Sharma  
Director  
MAIT  
PSP Area, Sector-22  
Rohini, Delhi-110086

## Details of the Faculty Members who have completed Ph.D.after September 5, 2024

| Sl. No. | Deptt.      | Name of the Faculty Member | Topic                                                                                                                                | University                                                         | Guide Name                                                                  |
|---------|-------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1       | BBA         | Dr. Jyotsna                | Adoption of Disruptive Technologies: An Empirical Study of Indian Universities                                                       | Deenbandhu Chhottu Ram University of Science & Technology, Murthal | Dr. Manisha Manchanda                                                       |
| 2       | App Science | Dr. Shefali Gupta          | Group Ring and its Application in the Construction of some external self-dual codes                                                  | Delhi Tecnological University                                      | Dr. Dinesh Udar                                                             |
| 3       | ME          | Madhukar Chhimwal          | Study of Select Issues in Circular Supply Chain                                                                                      | Delhi Technological University                                     | Dr. Saurabh Agrawal & Prof. Girish Kumar                                    |
| 4       | ME          | Surbhi Upadhayay           | Study of Planning and Control aspects in Manufacturing                                                                               | Delhi Technological University                                     | Prof S K Garg and Dr. Rishu Sharma                                          |
| 5       | ME          | Naveen Solanki             | Performance Enhancement of Vapor Compression Refrigeration System                                                                    | Delhi Technological University                                     | Prof. Rajkumar Singh & Prof. Akhilesh Arora                                 |
| 6       | ECE         | Dr. Preeti Goyal           | Modelling, Simulation and Characterization of Heterojunction TFET for RF and Analog Applications                                     | GGSIU                                                              | Dr. Garima Shrivastav and Prof. R.S Gupta                                   |
| 7       | ECE         | Dr. Sumedha Gupta          | Analytical Modeling, Simulation and Characterization of Junctionless Accumulation Mode MOSFET for Analog and RF Circuit Applications | DTU                                                                | Prof. Neeta Pandey and Prof. R.S. Gupta                                     |
| 8       | EEE         | Dr. Neha Aggarwal          | Observer Based Dynamic State Estimation and Control of Modern Power System                                                           | Maharaja Agrasen University, Baddi                                 | Prof.(Dr.)Aparna N. Mahajan & Dr. Neelu Nagpal                              |
| 9       | EEE         | Dr. Jitender Kumar         | Analytical Modeling Simulation and Characterization of Cylindrical Gate MOSFET's for Circuit Applications                            | Maharaja Agrasen University, Baddi                                 | Prof.(Dr.)Aparna N. Mahajan & Dr. S.S. Deswal                               |
| 10      | IT          | Dr. Arushi Jain            | Study and design of machine learning algorithm for processing healthcare data                                                        | IIT Dhanbad                                                        | Prof. A. Chandra Sekhara Rao (IIT Dhanbad) and Prof. Vishal Bhatnagar(NSUT) |
| 11      | CSE-DS      | Dr Tina Dudeja             | Expedite Healthcare Informatics Using Blockchain and Deep Learning                                                                   | Amity University                                                   | Dr Sanjay kumar Dubey                                                       |
| 12      | CSE         | Dr. Ruchi Goel             | Design and Analysis of Video Summarization Approaches using AI Techniques                                                            | DTU                                                                | Dr. Prashant Giridhar Shambharkar                                           |

It is recommended that above faculty members may be given award of Rs. 11,000/- for Publishing Books on Teacher's Day Function to be held on September 8, 2025.

Submitted for your approval please.

(Prof. Neelam Sharma)  
Director

Founder and Chief Advisor

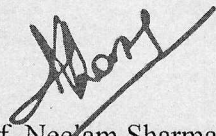
# Maharaja Agrasen Institute of Technology

## Patents Details of the Faculty Members

| Sl. No. | Applicant Name                                                                                       | Title of invention                                                                               |
|---------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1       | Dr M L Sharma, Dr Vasudha Bahl, Dr Soumi Ghosh, Dr Pooja Gupta, Ajay Kumar Kaushik, Dr Neelam Sharma | Intuitive Air Gesture Recognition System For Dynamic Computer Interaction Using Machine Learning |
| 2       | Dr. Anju Bharti, Dr. Neeru Gupta, Dr. Rajiv Jain                                                     | Device- Expense and Finance Monitoring Device.                                                   |
| 3       | Dr. Bhaskar Kapoor                                                                                   | AI Based Mental Health Checking Device                                                           |
| 4       | Dr. Bhaskar Kapoor                                                                                   | Blood glucose monitoring device                                                                  |
| 5       | Dr. Bhaskar Kapoor                                                                                   | Smart RF to Bluetooth Converter                                                                  |
| 6       | Dr. Laxya. Ravi sharma, Shreesh kumar garg, rahul garg                                               | Portable Solar Charger for Electric Device                                                       |
| 7       | Dr. Neelam Sharma                                                                                    | AI based facial recognition device                                                               |
| 8       | Dr. Neelam Sharma                                                                                    | Machine Learning based device for Automated Data Classification                                  |
| 9       | Dr. Neha Agrawal                                                                                     | Artificial intelligence based heart disease prediction device                                    |
| 10      | Dr. Neha Sharma, Dr. Amit Gupta                                                                      | AI Based Leave Counting and Salary Despesning Device                                             |
| 11      | Dr. Ratika Sikand                                                                                    | AI POWERED SMART DEVICE FOR PROBLEM SOLVING                                                      |
| 12      | Dr. Ritu Gupta                                                                                       | HR Management Attendance Monitoring Device                                                       |
| 13      | Dr. Sanjeev Kr.                                                                                      | Portable Horticulture Monitoring Device                                                          |
| 14      | Dr. Soumi Ghosh                                                                                      | An IOT based backup and recovery system                                                          |
| 15      | Ms. Vaishali                                                                                         | AI based wearable sugar monitoring device                                                        |
| 16      | Prof Ravi Kumar Gupta, Dr. Ritu Gupta                                                                | AI Powered Financial Statement Reader                                                            |
| 17      | Prof Ravi Kumar Gupta                                                                                | AI-Powered Investment Risk Management Device                                                     |
| 18      | Prof. Sachin Gupta, Dr. Bhoomi Gupta, Dr. Deepika Bansal, Dr. Anshu Khurana, Dr. Tejna Khosla        | Block Chain Based Health Education Digital Display Unit                                          |

It is recommended that above faculty members may be given award of Rs. 2,100/- for Patents on Teacher's Day Function to be held on September 8, 2025.

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Director

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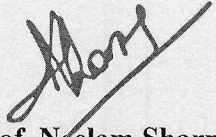
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## Books Published

| Sl. No. | Faculty                                | Deptt  | Title of Book                                                                               | Publisher                                                                  |
|---------|----------------------------------------|--------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1       | Prof Ravi Kumar Gupta & Dr. Ritu Gupta | MBA    | Equity Derivatives : BRICS Countries Prespective                                            | Integrity Education                                                        |
| 2       | Dr. Sukhvinder Singh                   | MBA    | Digital Marketing Powered by Ai                                                             | Kunal Books                                                                |
| 3       | Dr. Neeru Gupta                        | MBA    | Financial Technology                                                                        | Savera Publishing House                                                    |
| 4       | Rakesh Chandra Saini                   | ME     | Small Unmanned Aircraft: Theory and Practice                                                | Shree Publishers & Distributors                                            |
| 5       | Dr. Neha Agrawal                       | IT     | Text Book of Software Engineering                                                           | Scientific International publisheing House; First Edition (20 August 2025) |
| 6       | Dr. Neelam Sharma                      | CSE-AI | A Magnification of power of AI, ML, Blockchain and IOT in Financial and Business Management | Apple Academic Press, Taylor & Francis Group, USA, (Scopus Indexed)        |
| 7       | Dr. Anshu Khurana & Dr Tina Dudeja     | CSE-AI | Python Unlocked : Mastering code with Simplicity and Power                                  | SIPH                                                                       |
| 8       | Mr. Saurabh Rastogi                    | CSE    | AI & Deep Leaning                                                                           | Addition Publishing House                                                  |
| 9       | Dr. Anita Gupta                        | A.S    | Operation Research                                                                          | Wisdom Publication Delhi                                                   |

It is recommended that above faculty members may be given award of Rs. 3,000/- for Publishing Books on Teacher's Day Function to be held on September 8, 2025.

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(Prof. Neelam Sharma)  
Director

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