

## FACULTY PROFILE

|                                                                    |           |                     |                                                                         |                                                                                     |                                                   |                                                      |
|--------------------------------------------------------------------|-----------|---------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------|
| Name of Teaching Staff                                             |           | Nupur Mittal        |                                                                         |  |                                                   |                                                      |
| Designation                                                        |           | Assistant Professor |                                                                         |                                                                                     |                                                   |                                                      |
| Department                                                         |           | EN                  |                                                                         |                                                                                     |                                                   |                                                      |
| Date of joining the Institution:                                   |           | 8Aug'2012           |                                                                         |                                                                                     |                                                   |                                                      |
| Date of Birth                                                      | 25-2-1988 | College ID          | F361                                                                    |                                                                                     |                                                   |                                                      |
| Qualifications with Class/Grade                                    |           |                     | UG (Degree Name)<br>B.Tech (HONS.)                                      | PG (Degree Name)<br>M.Tech (HONS.)                                                  | PhD<br>DTU Delhi<br>(Pursuing)                    |                                                      |
|                                                                    |           |                     | Percentage /CGPA<br><b>75.6</b>                                         | Percentage /CGPA<br><b>80.01</b>                                                    | -                                                 |                                                      |
| Total Experience in Years<br>(Should not be repeated)              |           |                     | Teaching (Excluding Research)                                           | Industry                                                                            | Research                                          | Others                                               |
|                                                                    |           |                     | 13 years                                                                | 0                                                                                   | -                                                 | -                                                    |
| No. of Papers Published in Journals                                |           |                     | National                                                                |                                                                                     | International                                     |                                                      |
|                                                                    |           |                     | -                                                                       |                                                                                     | 1                                                 |                                                      |
| No. of Papers Presented in Conferences                             |           |                     | National                                                                |                                                                                     | International                                     |                                                      |
|                                                                    |           |                     | 7                                                                       |                                                                                     | 4                                                 |                                                      |
| Area of Specialization                                             |           |                     | Power Electronics and Drives, Power System & Renewable Energy Resources |                                                                                     |                                                   |                                                      |
| PhD Guide? Give field & University                                 |           |                     | Field                                                                   |                                                                                     | University                                        |                                                      |
|                                                                    |           |                     | -                                                                       |                                                                                     | -                                                 |                                                      |
| No. of PhDs/Projects Guided                                        |           |                     | PhDs Ongoing                                                            | PhDs Completed                                                                      | Projects at Master level                          |                                                      |
|                                                                    |           |                     | -                                                                       | -                                                                                   | -                                                 |                                                      |
| Research Guidance (Number of Students)                             |           |                     | No. of Papers Published in National Journals                            | No. of Papers Published in National Conferences                                     | No. of Papers Published in International Journals | No. of Papers Published in International Conferences |
|                                                                    |           |                     | -                                                                       | -                                                                                   | -                                                 | 2                                                    |
| Books Published/IPRs<br>(Books Details- Title/ISBN/Publisher/Year) |           |                     | Nil                                                                     |                                                                                     |                                                   |                                                      |
| Projects Carried Out                                               |           |                     | Nil                                                                     |                                                                                     |                                                   |                                                      |
| Courses Taught                                                     |           |                     | Diploma                                                                 | Post Diploma                                                                        | Under Graduate                                    | Post Graduate<br>Diploma                             |

|                                            |                                                                                                                                                                                                                                                                                               |   |                                                                                                                                                                                                                                       |  |  |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                            | -                                                                                                                                                                                                                                                                                             | - | Basic Signal And System, Control System, Network Analysis and synthesis, Renewable Energy Resources, Energy Science Engineering, Power Electronics, Electric Drives, Project Management And Entrepreneurship., Idea to Business Model |  |  |
| Patent (Filed/Granted)                     | <ol style="list-style-type: none"> <li>1. Power Saving System in Electric Vehicles,2023 (Application No-202311075552)</li> <li>2. Method for Sustainable Energy Generating Via Piezoelectric Tiles Harnessing Footsteps And Vehicle Vibrations, 2024 (Application No-202411085539)</li> </ol> |   |                                                                                                                                                                                                                                       |  |  |
| Professional Memberships                   | Nil                                                                                                                                                                                                                                                                                           |   |                                                                                                                                                                                                                                       |  |  |
| Grants Fetched / Awards                    | Nil                                                                                                                                                                                                                                                                                           |   |                                                                                                                                                                                                                                       |  |  |
| Interaction with Professional Institutions | MPEC,KNIT,PSIT,VIT, KIT,                                                                                                                                                                                                                                                                      |   |                                                                                                                                                                                                                                       |  |  |
| Technology Transfer                        | nil                                                                                                                                                                                                                                                                                           |   |                                                                                                                                                                                                                                       |  |  |