

# Shivangi Agarwal

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Gorakhpur, Uttar Pradesh



## EDUCATION

<b>M.tech</b>	<b>Control and Instrumentation Engineering, 2020 – 2022</b> <ul style="list-style-type: none"><li>&gt; Madan Mohan Malviya University of Technology, Gorakhpur, U.P.</li><li>&gt; Dissertation: Modelling and Simulation of a Variable Frequency Transformer</li><li>&gt; Score: 7.99 CGPA</li></ul>
<b>B.tech</b>	<b>Electrical Engineering, 2014 – 2018</b> <ul style="list-style-type: none"><li>&gt; Dr. A.P.J. Abdul Kalam Technical University, Lucknow, U.P.</li><li>&gt; Project: Automatic Railway Gate Control and Track Switching</li><li>&gt; Percentage: 79.06%</li></ul>
<b>Intermediate (+2)</b>	<b>Science, 2011 – 2013</b> <ul style="list-style-type: none"><li>&gt; Little Flower School, ICSE Board, Gorakhpur</li><li>&gt; Percentage: 81.20%</li></ul>
<b>High School</b>	<b>Science, 2011</b> <ul style="list-style-type: none"><li>&gt; H.P. Children's Academy, ICSE Board, Gorakhpur</li><li>&gt; Percentage: 88.14%</li></ul>

## EXPERIENCE

<b>Aug 2022 – Current</b>	<b>Asst. Professor, KIPM College of Engineering and Technology, Gorakhpur, U.P.</b> <ul style="list-style-type: none"><li>&gt; <b>Area of Interest:</b> Electrical Measurements and Instrumentation Power Electronics Sensors and Transducers</li><li>&gt; Member of Proctorial Board, Women's Grievance Cell and Anti – Ragging Committee.</li></ul>
<b>Oct 2021 – July 2022</b>	<b>Guest Lecturer, Mahamaya IT Polytechnic, Maharajganj, U.P.</b> <ul style="list-style-type: none"><li>&gt; <b>Area of Interest:</b> Environment and Ecology Renewable Sources of Energy</li></ul>
<b>Mar 2021 – Aug 2021</b>	<b>Operation Executive, Bharat Taxi</b> <ul style="list-style-type: none"><li>&gt; Part of Search Engine Optimization (SEO) team</li><li>&gt; Content writer for website</li><li>&gt; CRM handling</li></ul>

## PUBLICATIONS

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1. S. Agarwal, A. K. Mishra, A. K. Maurya, P. Sen, and A. Yadav, “Fault Detection in Transmission Line using Arduino Uno”, International Conference on Frontiers in Desalination, Energy, Environment and Material Sciences for Sustainable Development, pp. 197-201, 2023. (<https://doi.org/10.21467/proceedings.161>)
2. S. Agarwal, V. Sharma, A. K. Maurya, P. Sen, and A. Mishra,” A Review of Solar Cells and their Applications”, International Conference on Frontiers in Desalination, Energy, Environment and Material Sciences for Sustainable Development, pp. 230-240, 2023. ( <https://doi.org/10.21467/proceedings.161>).
3. S. Agrawal, S. Patel, C. M. Chaurasiya, G. Kumar, R. P. and N. Tiwari “Hardware Design and of Solar Panel based Electric Bicycle”, Accepted in Electric Motor Drives for Electric Vehicle Applications (Bentham Science Publishers).

## REVIEWER SECTION

1. International Conference on Energy Transition and Innovations in Green Technology, MMMUT, Gorakhpur 2024.

## FDP's ATTENDED

1. One-week FDP on RECENT ADVANCES IN CONTROL SYSTEM (RACS-2022) from 26/11/2022 to 31/11/2022 organized by Department of Electrical Engineering at MMMUT, Gorakhpur.
2. One-week FDP on Research scope in Electrical Vehicles (In collaboration with ANSYS) from 05/12/2022 to 09/12/2022 organized by Department of Electrical Engineering NITTTR Chandigarh at KIPM-CET, Gorakhpur.



## NON - ACADEMIC BADGES

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1. 2<sup>nd</sup> in extempore competition
2. 3<sup>rd</sup> in debate competition
3. 3<sup>rd</sup> in poetry competition
4. AIR 551 in Math's Olympiad
5. 70.31% percentile score in global mathematical talent probe
6. Cultural head of the college departmental forum – SPARX
7. Worked for ‘Cancer Aid Society’ in Nationwide Cancer Control Program.

## SKILLS


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1. MS Office
2. MATLAB
3. Digital Marketing
4. Managerial skills
5. Communication skills

## ✓ HOBBIES

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1. Martial Arts – BLUE belt (Ashihara Karate International)
2. Travelling
3. Listening music

 Languages known: English, Hindi

 DOB: 05 / Mar / 1995

## DECLARATION

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I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date:

-Shivangi Agarwal