



CURRICULUM VITAE

GARIMA SINGH

Add- Keshav Sadan, Plot No-9, Geetapuri, Gomti Nagar Ext, Lucknow, (U.P)

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Objective :

“To have a long term mutually beneficial relationship with an organization where I can learn as well contribute my skills as a professional towards the betterment of my organization and society as well and to be a valuable part of a growing organization that would give me opportunities to grow professionally and personally”.

Total Experience: 12Yrs

About Me :

Name : Garima Singh

Father’s Name : Mr. Raj Kishor Singh

Husband’s Name : Mr. Deepak Singh

Date of Birth : 01/07/1986

Sex : Female

Marital Status : Married

Nationality : Indian

Languages known : Hindi, English

+Educational Information

Degree	Year	University/Board	%/Division	Specialization
PH. D	Pursuing	Dr. A.P.J.Abdul Kalam Technical University	---	----
M. Tech	2013	Dr. A.P.J.Abdul Kalam Technical University	82.35% (Hons.)	Thermal Engineering
B. Tech	2010	Gautam Buddh Technical University	77.5% (Hons.)	Mechanical
Intermediate	2004	U.P Board	79.4% (Hons.)	--
High School	2002	U.P Board	67%	--

Work Experiences

Teaching Experience (9 Y, 9 M)			
Name of Employer	Designation	Duration	Total
Sherwood College of Engineering Research and Technology, Barabanki	Lecturer	29/07/2013-09/08/2014	1 Year 10 Days
Babu Banarsi Das Institute of Technology and Management, Faizabaad Road ,Lucknow	Assistant Professor	12/08/2014-10/08/2022	7 years 11 Months

Paper Publications

Vineet Pandey, Priyanshu Shekhar, Ajay Kumar, Pradumna Dubey, Vivek Singh, Mrs Garima Singh	Design and Fabrication of Seed Sowing along with Automatic Irrigation System Using Robotic Vehicle & Solar Panel''	International Research Journal of Engineering and Technology (IRJET)	Volume: 08, Issue: 04 ,Apr 2021.
Garima Singh, Bharat Raj Singh	Techno-Economic Analysis and Design of Hybrid Solar Power Generation Optimization in Udaipur, India	International Journal of Applied Engineering & Technology	Volume 6, No. 1, January 2024,ISSN-2633-4828
Garima Singh, Bharat Raj Singh	Optimized Design of Hybrid Solar Power Systems in Jhansi, India: Enhancing Efficiency	Journal of Information Systems Engineering and Management	2025, 10(13s) e-ISSN: 2468-4376
Garima Singh, Bharat Raj Singh	Designing and Optimization of Hybrid Solar Power Generation in Jhansi, India: Utilizing HOMER for Enhancing Efficiency	Procedia Environmental Science, Engineering and Management	Volume 11, Issue 1, Pages 91-106, 2024
Garima Singh, Bharat Raj Singh	Solar-Powered Villages: Empowering Rural Communities with Solar Energy, and Overall Well-Being	Purushartha	(ISSN No. 0975-024X) Vol. XVIII, No. 1; March-August 2025

Subject Taught

- Heat & Mass Transfer
- Refrigeration & Air Conditioning
- Thermodynamics
- Applied Thermodynamics
- Material Engineering
- Fluid Mechanics
- Total Quality Management
- Industrial Engineering

Workshop/Seminar/Special Lecture Attended

Name of Event	Title of Event	Duration	Organized by
FDP	Online certification - Product Design & Innovation	Jan 2021- Feb 2021	NPTEL-AICTE
FDP	Plastics Recycling :Challenges & Opportunities	15 th Feb 2021-19 th Feb 2021.	Central Insritute of Pertochemicals Engineering &Technology, IPT, Lucknow
FDP	Renewable Energy Intervention in Industry, Commercial & Domestic Application	15 th Feb 2021-27 th Feb 2021.	Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal, Andhra Pradesh
FDP	Recent innovations in design & manufacturing	24 th to 29 th May - 2021	Malla reddy engineering college
FDP	Innovation in Mechanical & Automation Engineering: Challenges & Solutions (IMAE 2021)	21 th June 2021-25 th June 2021	Amity University, Jharkhand
FDP	Emerging Trends in Thermal and Renewable Energy Systems	28 th June 2021 to 02 nd July 2021.	Lakireddy bali reddy college of engineering, l.b.reddy nagar, mylavaram, andhra Pradesh 521230
FDP	Simulation, Modelling and Application of Advanced Semiconductor Devices	05 th July – 09 th July, 2021,	Harcourt Butler Technical University Kanpur - 208002, U.P., India
FDP	Artificial Intelligence	19 th July to 25 th July 2021	Bansal institute of engineering and technology Lucknow (u.p.) India

FDP	Curriculum Design for Developing Job related Competencies	15 th Jan 2024 to 19 th Jan 2024	National Institute of Technical Teachers Training & Research, Chandigarh
FDP	AI Evolution: From Foundations to Generative AI	5 th Feb 2024 to 9 th Feb 2024.	Microsoft, SAP & AICTE (under Tech Saksham)

Strength:

I keep on motivating myself in every situation and with the passage of time, I improve. I am capable experiences and interaction with people.

Declaration:

I solemnly declare that the above information is correct of the best of my knowledge.

Date:

Place: Lucknow

Signature

(Mrs. Garima Singh)

