

CURRICULUM VITAE



Mr. SUMAN KUMAR GHOSH

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Objective

To built career in a growing organization where I can get the opportunities to prove my abilities by accepting challenges, fulfilling the organizational goal and climb the career ladder through continuous learning and commitment.

Personal Skills

- Comprehensive problem solving abilities and willingness to learn.
- Highly focused & self-motivated who excel in high pressure situation.
- Hard working ability in any condition, any situation.
- Maintain punctuality in every step of my life.
- Should able to manage stress.

Current Status

I have completed M.Tech(July,2016) in Manufacturing Technology from B.I.E.T. affiliated to Maulana Abul Kalam Azad University of Technology. Now I am working in Swami Vivekananda University, Barrackpore as a Assistant Professor in Mechanical Engineering Department.

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Academic Details

<i>ACADEMIC PROFILE</i>					
Degree	Specialization	Name of School or College	Name of the Board or University	DGPA/ Percentages	Year of Passing
M.Tech(Full Time)	Manufacturing Technology	BIET,Suri	MAKAUT	8.30	2016
B.Tech(Full Time)	Mechanical Engineering	DIATM	WBUT	7.21	2013
Higher Secondary (10+2)	Science	Srikantabati P.S.S Sikshaniketan	WBCHSE	76.20%	2009
Secondary (10)	General	Raghunathganj high school	WBBSE	78.12%	2007

Major Specialization

- Manufacturing technology
- Mechanisms

Training

- 1. Training:** Graphite India Limited (Durgapur)
Duration: 1 month
Training on: Production of Graphite
- 2. Training:** The Durgapur Project Limited, Durgapur
Duration: 1 month

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Work Experience

SL NO	Industry/ Institution Name	Position/ Title	From	To	Job Description
1.	AD Electro Steel Co. Pvt. Ltd.	Assistant Production In charge	10.2.2014	6.6.2014	<ul style="list-style-type: none"> ➤ Material Handling. ➤ Quality Testing. ➤ Man management.
2.	HSB Polytechnic, Suri	Lecturer & HOD(ME Dept)	15.6.2014	18.8.2014	<ul style="list-style-type: none"> ➤ Teach Engineering Mechanics, Manufacturing Technology, and Strength of Material. ➤ All Department related work handled as a HOD.
3.	Santiniketan Institute Of Polytechnic, Bolpur	Lecturer &HOD (ME Dept),	20.8.2014	15.6.2016	<ul style="list-style-type: none"> ➤ Teach Engineering Mechanics, Manufacturing Technology, Advanced Manufacturing Technology, Fluid Mechanics & Machine. ➤ All Department related work handled as a HOD. ➤ Member of Departmental Admission committee. ➤ Examination cell member
4.	DIATM, Durgapur	Assistant Professor	19.8.2016	30.7.2018	<ul style="list-style-type: none"> ➤ Teach Manufacturing Technology, Mechanism, Values & Ethics in Profession. ➤ Departmental NACC member. ➤ Departmental events coordinator. ➤ Member of Departmental Admission committee.

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5.	Berhampore Polytechnic College Berhampore	Lecturer &HOD (ME Dept),	01.08.2018	31.08.2022	<ul style="list-style-type: none"> ➤ Teach Manufacturing Technology, Engineering Mechanics ,Power Engineering, Fluid Power. ➤ Time Table Coordinator. ➤ Student Mentor. ➤ Mechanical Workshop Coordinator. ➤ Industrial visit and Internship Coordinator. ➤ Examination cell member ➤ All Department related work handled as a HOD.
6.	Swami Vivekananda University, Barrackpore	Assistant Professor (ME Dept)	01.09.2022	Till Now	<ul style="list-style-type: none"> ➤ Teach Manufacturing Technology, Engineering Mechanics, Power Engineering, Fluid Power. ➤ Time Table Coordinator. ➤ Student Mentor. ➤ Mechanical Workshop Coordinator. ➤ Applied Mechanics Lab Coordinator ➤ Industrial visit and Internship Coordinator. ➤ Examination cell member ➤ Placement Cell Member ➤ Banglar UcchaSiksha Portal Data Co-ordinator. ➤ Conference Organizing Committee Member. ➤ NSS related team member

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Journal

- Comparative Study of Wear Behaviour of Heat Treated 304 Austenitic and 410 Martensitic Stainless Steel..Paper has been published for the special issue of the Journal: Journal of Mines Metals and Fuels (Scopus) <https://doi.org/10.18311/jmmf/2023/36038> ISSN-0022-2755.

Book Chapters

- Recent Research Advancements in Mechanical Engineering: Material, Design, And Production Chapter 7, pp. 77-91, December 2023 [Swami Vivekananda University, Kolkata (Institutional Publisher), ISBN: 978-81-964878-0-5]
- Mechanical Engineering Advancements: Current Trends and Future Prospects, Chapter 5, pp. 103-118, August 2023 [Swami Vivekananda University, Kolkata (Institutional Publisher), ISBN: 978-81-964878-1-2]

Patents

- Title of the invention- Solar powered outdoor stand ceiling fan Name of the applicant- Swami Vivekananda University, Name of the Inventor-Suman Kumar Ghosh.Application No202331054340 A
- Title of the invention- Mini belt grinder ,Name of the applicant-Swami Vivekananda University, Name of the Inventor-Suman Kumar Ghosh.Application No202331054863 A

Conference Papers

- Mr. Suman Kumar Ghosh “An Investigative Examination Of Eddy Viscosity Evolution In The Flow Field Surrounding A Savonious Turbine” Proceedings Of The International Conference On Integrative Science And Engineering (Icise-2023) Swami Vivekananda University Barrackpore West Bengal India. September 28-30 2023.
- Mr. Suman Kumar Ghosh “The Prospects Of Corn-Based Bio-Fuels In The Future Of Indian Transportation” Proceedings Of The International Conference On Integrative Science And Engineering (Icise-2023) Swami Vivekananda University Barrackpore West Bengal India. September 28-30 2023.
- Mr. Suman Kumar Ghosh “A Parametric Optimization Study Of Electrically Generated Wire Arc Direct Energy Deposition Method Utilizing Taguchi Research Methodology.” Proceedings Of The International Conference On Integrative Science And Engineering (Icise-2023) Swami Vivekananda University Barrackpore West Bengal India. September 28-30 2023.
- Suman Kumar Ghosh, Sayan Paul, Samrat Biswas, Soumya Ghosh, Arijit Mukherjee, Soumak Bose “Unraveling The Turbulent Tapestry: An Investigation Of Eddy Viscosity Distribution On A Wind Turbine Blade” Proceedings Of The International Conference On Engineering Design And Computing (Icedc-2024) Swami Vivekananda University Barrackpore West Bengal India. February 22-24 2024.
- Abhishek Poddar, Sayan Paul, Suman Kumar Ghosh, Arijit Mukherjee, Soumya Ghosh, Samrat Biswas “Dynamic Revelations: Advanced Modal Analysis Of A Cantilever Beam Using Ansys” International Conference On Integrative Science And Engineering (Icise-

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- 2024) Swami Vivekananda University Barrackpore West Bengal India. June 20-21 2024.
- Suman Kumar Ghosh, Sayan Paul, Arijit Mukherjee, Soumak Bose, Soumya Ghosh, Samrat Iswas “Numerical Simulation Of 2d Steady Heat Conduction In Rectangular Plates” International Conference On Integrative Science And Engineering (Icise-2024) Swami Vivekananda University Barrackpore West Bengal India. June 20-21 2024.
 - Suman Kumar Ghosh, Sayan Paul, Arijit Mukherjee, Soumak Bose, Soumya Ghosh, Samrat Biswas “Evaluating Directional Deformation Of A Cantilever Beam Using Ansys” International Conference On Integrative Science And Engineering (Icise-2024) Swami Vivekananda University Barrackpore West Bengal India. June 20-21 2024.
 - Suman Kumar Ghosh, Sayan Paul, Arijit Mukherjee, Soumak Bose, Soumya Ghosh, Samrat Biswas “Eddy Dynamics Unveiled: Numerical Simulation And Analysis Of Eddy Viscosity Distribution In Cyclone Separators” International Conference On Integrative Science And Engineering (Icise-2024) Swami Vivekananda University Barrackpore West Bengal India. June 20-21 2024.
 - Suman Kumar Ghosh, Suddha Sattwa Bagh, Sayan Paul, Arijit Mukherjee, Soumak Bose, Soumya Ghosh “Production Of Biodiesel Using Chicken Waste Fats” International Conference On Integrative Science And Engineering (Icise-2024) Swami Vivekananda University Barrackpore West Bengal India. June 20-21 2024.
 - Suman Kumar Ghosh, Sayan Paul, Arijit Mukherjee, Soumak Bose, Soumya Ghosh, Anupam Mallick “Effect Of Fiber Orientation On The Natural Frequencies Of Composite Beams” International Conference On Integrative Science And Engineering (Icise-2024) Swami Vivekananda University Barrackpore West Bengal India. June 20-21 2024.

Communication Skill

- Bengali (read, write, speak)
- English (read, write, speak) hindi(read)

Personal Details

- **Name:** Suman Kumar Ghosh
- **Branch:** Mechanical Engineering
- **Religion:** Hindu
- **D.O.B:-** 26/04/1992

Declaration

I, hereby, solemnly declare that all the information made above are true and correct to the best of my knowledge and belief

Date:

Signature