

**Name: Mr.Snehashis Ghoshal**

**Department: Electrical Engineering**

**Contact Nos.: 9477506722**

**Qualifications: M.Tech**

**Designation: Assistant Professor**

**VIDWAN ID:**

**Experience (Teaching / Research / Industry, in years): 7 Years Teaching Experience**

**Date of Joining at the Present Institution: 12/01/2016**

**Examinations Cleared: GATE (2012)**

**Qualifications Summary (Reverse chronological order):**

<b>Degree</b>	<b>University/School</b>	<b>Year of Passing</b>	<b>CGPA /%</b>
<b>Ph.D(Pursuing) (Registration No. PhD/R/2018/0055)</b>	<b>Indian Institute of Engineering Science &amp; Technology(IEST ,Shibpur)</b>		
<b>M.Tech (EnergyScience &amp; Technology)</b>	<b>Jadavpur University</b>	<b>2014</b>	<b>8.31</b>
<b>B.Tech (Electrical Engineering)</b>	<b>B.P.Poddar Institute of Management and Technology (WBUT)</b>	<b>2011</b>	<b>7.65</b>
<b>Higher Secondary</b>	<b>South Suburban School (Main)(WBCHSE)</b>	<b>2006</b>	<b>71.20%</b>
<b>Secondary</b>	<b>South Suburban School (Main)(WBBSE)</b>	<b>2004</b>	<b>79.25%</b>

**Experience Summary (In chronological order):**

<b>Designation</b>	<b>Organization</b>	<b>Joining Date</b>	<b>Release Date</b>
<b>Lecturer</b>	<b>Pailan Technical Campus</b>	<b>July ,2014</b>	<b>Dec,2015</b>
<b>Assistant Professor</b>	<b>Dr.B.C.Roy Engineering</b>	<b>Jan,2016</b>	<b>Till Now</b>



	<b>College</b>		
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**Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc.**

1. GATE Scholarship from All India Council of Technical Education for the M. Tech. program in Energy Science & Technology (2012-2014).
2. Gold-centred Silver Medal from Jadavpur University (2014) for securing highest marks in Advanced Energy Management.

**Courses taught:**

**B.Tech: Basic Electrical Engineering, Electrical & Electronic Measurement, Power System-I, Power System-II, Power system -III, Digital Electronics, Basic Electrical Engineering Lab, Electrical & Electronic Measurement Lab, Power System-I Lab, Power System-II Lab, Power system -III Lab, Digital Electronics Lab**  
**M.Tech: Optimization techniques**

**Online Mode of Teaching:**

<https://studio.youtube.com/channel/UCUHEBvnKF0UGQQsj82iPY0A/videos/upload?filter=%5B%5D&sort=%7B%22columnType%22%3A%22date%22%2C%22sortOrder%22%3A%22DESCENDING%22%7D>

**Publications:**

**Journal:**

Snehashis Ghoshal , Subhasis Neogi. (2013); *Advance Glazing System – Energy Efficiency Approach for Buildings a Review*; Energy Procedia, 2014 (54), pp. 352-358

**Conference:**

- 1 Deblina Maity ,Snehashis Ghoshal ,Sumit Banerjee , Chandan Kr. Chanda (2016) ,**Bare Bones Teaching learning Based Optimization for Combined Economic emission Load Dispatch Problem** , 3<sup>rd</sup> International conference on Electrical ,electronics ,Engineering Trends ,communication ,Optimization and Science (EEECOS) -2016
- 2 Snehashis Ghoshal ; Deblina Maity ; Sumit Banerjee ; Chandan Kr. Chanda(2017); *Solution of multi-objective emission & economic dispatch using bare bones TLBO algorithm & biogeography based optimization algorithm*, IEEE Xplore on Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017

3. Snehashis Ghoshal ; Sumit Banerjee ; Chandan Kr. Chanda (2017); *Evolution of Energy Management in Smart Homes: A Review*, 6<sup>th</sup> International Conference on 'Computing, Communication and Sensor Networks' (CCSN) 2017, Kolkata, Vol. 2 (2017), 82-85.
4. Sunil Choudhary ,Snehashis Ghoshal (2020) ; *Crisscross Optimization(CSO) Based Short-term Conventional Generation Scheduling Incorporating Renewable Energy* ,MFIIS -2020

**Book Chapter:**

Sl No.	Author Name	Co-Author (If any)	Title	Name of Book and Publishing House.
1.	Snehashis Ghoshal	Dr. Sumit Banerjee, Dr. C.K. Chanda	Modelling of Intelligent Cooling of a Building in MATLAB/Simulink Environment	CRC Press, Taylor & Fransis (Book Chapter)
2.	Snehashis Ghoshal	Dr. Sumit Banerjee, Dr. C.K. Chanda	Modelling of Solar Cell Considering One Diode Model in MATLAB/Simulink Environment	CRC Press, Taylor & Fransis (Book Chapter)

**Participation in faculty development programmes**

Sl. No.	Topic	Mode of Programme	Date	Organised by
1	FDP on facts of Environment (A COVID-19 Perspective)	FDP	18 th to 22 <sup>nd</sup> May ,2020	JIS College of Engineering
2	Electrical Vehicles:Context	Webinar	June ,2020	The European Energy Centre
3	Renewable energy Solutions for Domestic buildings: an online session	Webinar	June ,2020	The European Energy Centre
4	Solar Panels: an online lesson on PV Cell efficiency and the solar Spectrum	Webinar	June ,2020	The European Energy Centre

**Organization of events (Dr. B. C. Roy Engineering College)**

Sl. No.	Topic	Mode of programme	Date	Role	Organized by
1	Photon to Electricity Sun-Human Interaction	Webinar	17.06.2021	Anchor	Dept. of EE., BCREC
2	College Outreach Programme	Webinar	25.10.2021 to 28.10.2021	Joint Convenor	Dept. of EE., BCREC

**Participation in administrative committees (selected)**

<b>Sl. No.</b>	<b>Role</b>
1	Departmental Coordinator, MAR for university
2	Member, Departmental feedback committee