

**Name: Mr. Subhashish Pal**

**Department: Basic Science and Humanities (Physics)**

**Contact Nos.: +91 9932378969**

**Qualifications: M. Sc. (Physics)**

**Designation: Assistant Professor III**

**VIDWAN ID: 184813**

**Experience (Teaching / Research / Industry, in years): 17 yrs (Teaching)**

**Date of Joining at the Present Institution: 12.01.2010**

**Examinations Cleared: NET-CSIR/GATE (None)**



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

<b>Degree</b>	<b>Institute</b>	<b>From - To</b>	<b>Subjects</b>
<b>B.Ed.</b>	<b>G.I.S. Sahibabad (C.C.S. University Meerut)</b>	<b>2002-2003</b>	<b>Theory -</b> (i) Psychology of Teaching and Learning (ii) Technology of Teaching (iii) Education in Emerging Indian Society (iv) Development of Education in India (v) Educational Measurement and Evaluation (vi) Teaching of Mathematics (vii) Teaching of Physical Science <b>Practical -</b> (i) Sessional Work (ii) Teaching Skills
<b>M.Sc.</b>	<b>M.M.H. College Ghaziabad (C.C.S. University Meerut)</b>	<b>2000-2002</b>	<b>First Yr. -</b> (i) Mathematical Methods (ii) Classical Mechanics (iii) Electronics (iv) Quantum Mechanics-I (v) Solid State Physics

			(vi) Classic Electromagnetic theory and Electrodynamics (vii) Practical <b>Second Yr. –</b> (i) Atomic, Molecular and LASER Physics (ii) Statistical Mechanics (iii) Electronics – I (iv) Electronics – II (v) Quantum Mechanics – II (vi) Nuclear Physics (vii) Practical
<b>B.Sc.</b>	<b>M.M.H. College Ghaziabad (C.C.S. University Meerut)</b>	<b>1997-2000</b>	<b>First Yr. –</b> <b>Physics:</b> (i) Mechanics and Wave motion (ii) Kinetic Theory and thermodynamics (iii) Practical <b>Mathematics:</b> (i) Algebra and Trigonometry (ii) Calculus (iii) 3D - Geometry <b>Chemistry:</b> (i) Inorganic Chemistry (ii) Organic Chemistry (iii) Physical Chemistry <b>(iv) Practical</b> <b>Second Yr. –</b> <b>Physics:</b> (i) Basic Electronics (ii) Optics and Electromagnetic Theory (iii) Practical <b>Mathematics:</b> (i) Linear Algebra and Matrices (ii) Differential Equations and Integral Transforms (iii) Vector Calculus

			<b>Chemistry:</b> (i) Inorganic Chemistry (ii) Organic Chemistry (iii) Physical Chemistry <b>(iv) Practical</b> <b>Third Yr. –</b> <b>Physics:</b> (i) Quantum Mechanics and Atomic Physics (ii) Nuclear and Solid-State Physics & Devices (iii) Practical <b>Mathematics:</b> (i) Real Analysis (ii) Numerical Analysis (iii) Mechanics <b>Chemistry:</b> (v) Inorganic Chemistry (vi) Organic Chemistry (vii) Physical Chemistry (viii) Practical
<b>A.I.S.S.C.E.</b>	<b>K. V. MURADNAGAR (C.B.S.E. Board)</b>	<b>1996-97</b>	(i) English Core (ii) Mathematics (iii) Physics (iv) Chemistry (v) Biology (vi) Work Experience (vii) Physical and Health Education (viii) General Studies
<b>A.I.S.S.E.</b>	<b>K. V. MURADNAGAR (C.B.S.E. Board)</b>	<b>1994-95</b>	(i) English Course – A (ii) Hindi Course – A (iii) Mathematics (iv) Science (v) Social Science (vi) Work Experience

			(vii) Physical and Health Education (viii) Art Education
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**Experience Summary** (In chronological order):

<b>Designation</b>	<b>Organization</b>	<b>Date From – Date To</b>
PGT Physics	NPS Ghaziabad, Uttar Pradesh	15/04/2003 – 30/11/2004
PGT Physics	HSMS Durgapur, West Bengal	15/04/2003 – 30/11/2004
Assistant Professor	Dr. B. C. ROY Engineering College, Fuljhore, Durgapur, West Bengal	12/01/2010 – till date

**Specialization/Research Interest:**

Carbon nanotubes and conducting polymer nano composites Synthesis and Characterization.  
Chaotic Cryptography of images and videos

**Awards & Recognitions**

Awarded with certificate of merit (Best Teacher Award) at HSMS, Durgapur by Honorable MP, Sri Bansa Gopal Chowdhury

**Courses taught:**

**B.Tech:** Physics I (BS-PH101/201), Physics Lab. I (BS-PH191/291)

**Online Mode of Teaching:**

Class Notes and Screen Sharing on Google platform, Assessment using Google form.

**Publications:**

**Journal:**

1. Rajesh K. Agrawalla **Subhasish Paul** Pratap K. Sahoo Amit K. Chakraborty Apurba K. Mitra, "A facile synthesis of a novel three-phase nanocomposite: Single-wall carbon nanotube/silver nanohybrid fibers embedded in sulfonated polyaniline", "Journal of Applied Polymer Science, Wiley", 2015, 132, (12)  
<https://doi.org/10.1002/app.41692>

**Conference:** None

**Book:** None

**Book Chapter:** None

**Supervision of Ph.D/M.Tech / B.Tech Projects: NA****For Ph.D : NA****Projects:** None**Invited Lectures:** None**Participation in seminar/conference/symposium/workshop/discussion meeting**

<b>Name of the event</b>	<b>Duration</b>	<b>Year</b>	<b>Organized by</b>
Seminar on Frontiers in Material Science-2010	One day	2010	NIT Durgapur
Advances in Nano-Satellite Technology	One day	2015	BCREC Durgapur

**Participation in faculty development programmes –**

1. One Week Online Faculty Development Program on “**Higher Education 2020: Requirements and Expectations**” organized by IQAC, TPCT's College of Engineering, Osmanabad from 8<sup>th</sup> July to 12<sup>th</sup> July, 2020.

**Organization of events (Dr. B. C. Roy Engineering College) - None****Participation in administrative committees (selected)**

<b>Name of the post</b>	<b>Name of the committee</b>	<b>Year</b>
In-charge Examination Cell	NA	Since 16 <sup>th</sup> September 2021
Hostel Superintendent	Hostel committee	From march 2018 to October 2021
Member	Anti-ragging committee	Since 2017
Member	Examination Cell committee	From 2013 to 2021
Member	Library committee	Since February 2018
Member	Sports committee	Since 2017
Chief Convenor	Tech Fest committee	2018
Treasurer	Tech Fest committee	2019
Convenor	Tech Fest committee	2020
<b>OIC</b>	MAKAUT, odd semester examination 2016-17 of [APC (323)]	2016-17
Supervisor	MAKAUT examination, for odd semester 2015-16 of [BCREC (120)]	2015-16

Supervisor	MAKAUT examination, even semester 2015-16	2015-16
<b>Observer</b>	Entrance examination EVETS-2018	2018

**Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution - None**

**Membership of professional bodies:**

IAENG (INTERNATIONAL ASSOCIATION OF ENGINEERS)