


INDIVIDUAL TEACHER'S PROFILE

1. Name of the Teacher		Tanushri Das		
2. Picture				
3. Mobile No.		7278546196		
4. Email Id.		dtanushri93@yahoo.com		
5. Academic Qualification	Degree	Specialization	Board/ University	Division/ Grade
	Madhyamik H.S.	All Science	W.B.B.S.E W.B.C.H.S .E	First First
	B.Sc	Physics (H)	University of Calcutta	First
	M.Sc	Physics (special paper: Solid state electronics)	University of Calcutta	First
	UCG NET			Qualified
6. Present Designation		SACT-I		
7. Teaching Experience		5 y 8 m		
8. Research Interest Area		Materials physics		
9. Convenership of Sub-Committees				
10. Membership of Administrative bodies/ Sub-Committees		Cultural Subcommittee		

11. Membership of Learned Societies					
12. Attended Faculty Development Programmes (FDP) & Short Term Courses					
Serial No.	Topic	Organised By	Date	Level	
13. Attended Faculty Induction Programmes (FIP) & Refresher Courses (RC) in the last 5 years					
Serial No.	Course Name	Organised By	Date	Grade	
14. Invited Lectures in State, National & International Level Seminars/ Webinars					
Serial No.	Topic	Organised By	Date	Seminar/ Webinar	Level
15. Attended State, National & International Level Seminars/ Webinars					
Serial No.	Topic	Organised By	Date	Seminar/ Webinar	Level
16. Papers Presented in Seminars, Webinars, Workshops, Conferences, Symposia					
Serial No.	Title of the Paper	Title of the Seminar, Webinar, Conference	Organised By	Date	Level
1	<i>Electron Compensation Mechanism to Promote</i>	<i>4th Global Ceramic Leadership Roundtable on</i>	<i>IIT-Roorkee</i>	<i>March 11-12, 2024</i>	<i>International</i>

	<i>Oxygen Vacancies in Favour of Enhanced CO Sensing Performance of Sn-Doped BaFe₁₂O₁₉ Ceramic for Environmental Air Quality Monitoring</i>	<i>Ceramics for Frontier Sectors: Emerging Advances and Prospects</i>			
2	<i>Enhanced ammonia sensing of Zn Doped BaFe₁₂O₁₉ Nanoparticles-Based Sensor for the detection of renal diseases by breath analysing</i>	<i>34th Annual General Meeting of MRSI And 5th Indian Materials Conclave</i>	<i>IIT-BHU</i>	<i>December 12-15, 2023</i>	<i>International</i>
3	<i>Enhanced Ammonia Sensing Performance of Zn Doped BaFe₁₂O₁₉ Nanoparticles-Based Sensor for Noninvasive Detection of Ammonia in Exhaled Breath of Patients with Renal Diseases</i>	<i>International Conference on Thin Films & Nanotechnology: Knowledge, Leadership, & Commercialization</i>	<i>IIT Madras</i>	<i>July 6-8, 2023</i>	<i>International</i>
17. Publication in Journals (Mention UGC Care list or UGC Enlisted if any)					
Serial No.	Title of the Paper	Name of the Journal	UGC Care List/ UGC Enlisted	Year	ISSN No.
1	<i>Novel Barium Hexaferrite</i>	<i>Sensors and Actuators B</i>	<i>UGC enlisted</i>	<i>2020</i>	<i>0925-4005</i>

	<i>based Highly Selective and Stable Trace Ammonia Sensor for Detection of Renal Disease by Exhaled Breath Analysis</i>				
2	<i>Beneficial effect of Sn doping on bismuth ferrite nanoparticle-based sensor for enhanced and highly selective detection of trace formaldehyde</i>	<i>Applied surface science</i>	<i>UGC enlisted</i>	<i>2023</i>	<i>0169-4332</i>
3	<i>Enhanced ammonia sensing performance of barium hexaferrite enabled through Zn doping: Mechanistic study considering modulation of Fe²⁺/Fe³⁺ ratio and oxygen vacancy</i>	<i>Sensors and Actuators B</i>	<i>UGC enlisted</i>	<i>2024</i>	<i>0925-4005</i>

18. Publication of Books

<i>Seri al No.</i>	<i>Title of the Paper</i>	<i>Title of the Book</i>	<i>Author(s)/ Editor(s)</i>	<i>Year</i>	<i>ISBN No.</i>

19. Publications in Book Chapters

<i>Seri al No.</i>	<i>Title of the Paper</i>	<i>Title of the Book</i>	<i>Author(s)</i>	<i>Year</i>	<i>ISBN No.</i>

20. Grants received from Government & Non-Government agencies for Research Projects					
<i>Ser al No.</i>	<i>Title of the Project</i>	<i>Name of the Agencies</i>	<i>Amount Received (Rs.)</i>	<i>Submissi on Year</i>	
21. Organising Seminars, Webinars, Value Added Courses					
<i>Seri al No.</i>	<i>Title</i>	<i>Duration</i>	<i>Date</i>	<i>Level</i>	
22. Other Notable Assignments (if any)					