

Name *Mr. Sudeep Kumar Das*



Contact: sudeepdaswbes@gmail.com

Qualification: M.Sc. in Physics

Designation: Assistant Professor

Teaching Experience (in years): UG: 13 Years PG: NIL

Research Experience (in years): 5 Years

Date of Joining Present Institution: 26/02/2015

Institutions/Companies Previously Served:

Name of Institution/Company	Designation	Tenure	
		From (DD-MM-YYYY)	To (DD-MM-YYYY)
Academy of Technology	Assistant Professor	01/11/2007	25/02/2015

Examinations cleared: NET-CSIR

Specialization/Research Interest: Specialization in Radio Physics & Electronics
Research interest on Fractal Growth, Scaling theory of Surface Evolution

Courses Taught

Semester	B.Sc. Honours	B.Sc. Program
I	Mechanics (CC)	Mechanics (CC/GE)
II	Classical Mechanics and Special Theory of Relativity (CC)	Electricity and Magnetism (CC/GE)
III	Analog Systems and Applications (CC)	-
IV	Digital Systems and Applications (CC)	-
V	-	-
VI	-	Basic Electronics (DSE)

Mode of Teaching

Core Course 2 of First Semester Physics Honours, Core Course of First Semester Physics Program and Generic Elective Course of First Semester Physics are taught through chalk & talk methodology.

Core Course 3 of Second Semester Physics Honours is taught through chalk & talk methodology.

Core Course of Second Semester Physics Program and Generic Elective Course of Second Semester Physics are taught through chalk & talk methodology. **The course is also available in “free online moodle cloud”.**

Core Course 7 of Third Semester Physics Honours is taught through Electronic Mode with help of Power Point Presentation as support to chalk & talk methodology.

Core Course 10 of Fourth Semester Physics Honours is taught through Electronic Mode with help of Power Point Presentation as support to chalk & talk methodology. **The course is also available in “free online moodle cloud”.**

Discipline Specific Elective Course of Sixth Semester Physics Program is taught through Electronic Mode with help of Power Point Presentation as support to chalk & talk methodology. **The course is also available in “free online moodle cloud”.**

Publications

Journals:

1. **S. K. Das¹**, S. Mitra², D. Banerjee* (2016); “*Verification of University Class of Different Critical Exponents for Competitive Growth Model in 1+1 Dimension*”; JournalNX, Volume 2, Issue 10, ISSN: 2581-4230, pp. 8-13; <https://journalnx.com/journal-article/20150123>

Book Chapters:

1. **S. K. Das¹**, D. Banerjee² (2019); “*A Technical Review on Scaling Exponents for Discrete Surface Growth Models in 2+1 Dimension*” in “*Recent Developments in Nonlinear Dynamics and its Applications*”; ISBN : 978-81-944611-1-1; pp 134-142;

Conference Proceedings:

1. **S. K. Das¹**, S. Mitra², D. Banerjee* (2016); “*Determination of Different Critical Exponents for Competitive Growth Model in 1+1 Dimension*”; UGC Sponsored National Seminar on “*Recent Advances in Materials Science (RAMS 2016)*”; Ramakrishna Mission Vidyamandira, Belur Math, Howrah, India; March 28-29, 2016; ISBN : 978-81-928110-9-3.

Invited Lectures

1. Invited Lecture on “*Impact of Science & Technology on Everyday Life*”, in a institutional level “*Science Exhibition & Model Competition 2016*” on Biodiversity held on September 17, 2016 organized by Technique Polytechnic Institute, Panchrokh, Hooghly, India.

Paper Presentation in Seminar/Conference/Symposium/Workshop/Discussion Meeting

1. Oral Presentation on “*Determination of Different Critical Exponents for Competitive Growth Model in 1+1 Dimension*” in UGC Sponsored National Seminar on “*Recent Advances in Materials Science (RAMS 2016)*”; March 28-29, 2016.
2. Poster Presentation on “*Particle Shape Induced Correlation Effect in Random Deposition along 1+1 Dimension*” National Conference on “*Nonlinear Dynamics and its Applications (CNDA-16)*”; February 07-09, 2017.
3. Oral Presentation on “*Scaling Exponents for Discrete Surface Growth Models in 2+1 Dimension*” International Conference on “*Recent Developments in Nonlinear Dynamics and its Applications (CRDNDA-18)*”; March 12-14, 2019.

Participation in Faculty Development Programmes

1. UGC Sponsored “*90th Orientation Programme*” from 07/03/2018 to 03/04/2018 organized by UGC-HRDC, Ranchi University.
2. MHRD sponsored (under the PMMMNMTT scheme) “*Online Faculty Development Programme on Advanced Concepts for Developing MOOCs*” from 02/07/2020 to 17/07/2020 organised by Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, University of Delhi.

Organization of Events (Durgapur Government College)

1. One day National Seminar on “*Discovery of Gravitational Wave*” organized by Department of Physics, Durgapur Government College, on 14/01/2017 as *Organizing Secretary*.
2. Three day National Conference on “*Nonlinear Dynamics and its Applications (CNDA-16)*” organized by Department of Physics, Durgapur Government College, from 07/02/2017 to 09/02/2017 as *Joint Convenor*.
3. Three day International Conference on “*Recent Developments in Nonlinear Dynamics and its Applications (CRDNDA-18)*” organized by Department of Physics, Durgapur Government College, from 12/03/2019 to 14/03/2019 as *Organizing Member*.
4. One day National Seminar on “*Life and Scientific Contribution of Internationally Acclaimed Physicist Professor Stephen Hawking*” organized by Department of Physics, Durgapur Government College, on 07/09/2018 as *Organizing Member*.
5. Two day National Seminar on “*Contemporary Era of Science: Biological and Chemical Interface*” organized by Department of Botany, Chemistry, Conservation Biology and Zoology, Durgapur Government College, from 26/03/2019 to 27/03/2019 as *Organizing Member*.

Participation in Committees of Durgapur Government College since 2017

1. Coordinator and Joint Convenor of “RUSA Project Monitoring Unit” (2018-19, 2019-20, 2020-21).
2. “Central Routine Committee” (as Member 2016-17, as Joint Convenor 2017-18, as Convenor 2018-19).
3. Member of “Admission Committee” (2016-17, 2017-18, 2018-19, 2019-20).
4. Member of “Central Purchase and e-Tender Committee” (2018-19, 2019-20).
5. Member of “Website and Database Committee” (2018-19, 2019-20).
6. Joint Convenor of “Committee for Management Information System” (2019-20, 2020-21).
7. Member “IQAC” (2016-17, 2017-18).
8. “Committee for WBHS” (as member 2015-16, 2016-17, as Joint Convenor 2017-18).
9. Member of “Exam Committee” (2014-15).
10. Member of “Student Welfare Committee” (2015-16, 2016-17).