Name Mr. Sudeep Kumar Das

Contact: sudeepdaswbes@gmail.com

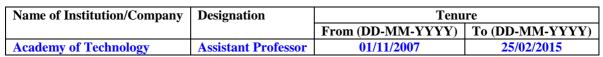
Qualification: M.Sc. in Physics **Designation:** Assistant Professor

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:



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, Panchrokhi, 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 Zooloy, 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).