

Teacher's Profile

General Information

Name: ARPITA DAS

Designation: Guest Teacher or Equivalent

Department: Chemistry

Contact Information: 9051578436

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Specialization: ATMOSPHERIC SCIENCE

Academic Qualification

- Post-Graduation: **M.Sc in ATMOSPHERIC SCIENCE**
YEAR: 2015
UNIVERSITY: **UNIVERSITY OF CALCUTTA**
- RET QUALIFIED.
Ph.D. enrolled in Calcutta University
Pursuing Ph.D
Research Topic: **STUDY OF LITHO-ATMOSPHERIC PHENOMENA IN THE LIGHT OF NATURAL, CHEMICAL AND DYNAMICAL THEORIES OF ATMOSPHERE**

Professional Information

Joined Sarsuna College: 07-02-2019

Research Publication

Journal Publication:

- Mukherjee T., **Das A.**, Midya S.K.(2016) Splitting of ozone hole over Antarctica-its effect on TCO and its possible causes, *Mausam*,67(4),939-954
- Midya S.K., **Das A.**, Karmakar N.(2016) Association of occurrence of major earthquakes throughout the globe with variable component of the green line Fe XIV 530.3 nm during 1950-2014, *Indian J Phys*,90(12), 1341-1345

- **Das A.**, Midya S.K., Metya A.(2018) Trend of variable component of 10.7cm solar flux during the period 1950-2014 and its association with the occurrence of major earthquakes, *Mausam*,69(3),443-448
- **Das A.**, Pal S., Midya S.K.(2019) Effect of Pre-Monsoon Lightning Activity on Surface NO_x & O₃ over GWB. *JISU Journal of Multidisciplinary Research (JISUJMR)*,1(1),91-100
- Midya S.K.,Dey S.S., **Das A.**, Dutta S., Das G.K.(2020) Role of Premonsoon Meridional SST Gradient of North Indian Ocean and frequency of Typhoon Activities on Monsoon Depression over Bay of Bengal. *Indian J Phys*, 94(4), 417-423

Seminar/Workshop/others attended

- Attended one day seminar on “Chemistry Today-2012” organised by Sarsuna College (Dept. of Chemistry) and presented an oral presentation on- ‘cis-platin as Anticancer Drug’ on 28th September, 2012.
- Attended two days workshop on “Data analysis using R-Studio” organized by IISWBM on 13-14th August, 2015.
- Participated in one day seminar on “Natural disaster phenomena: contemporary developments” organized by Department of Atmospheric Sciences, University of Calcutta, on 26th February, 2016.
- Attended one day seminar on “Atmospheric electricity phenomena and natural hazards” organized by Department of Atmospheric Sciences, University of Calcutta and Indian centre for space physics on 5th May, 2017.
- Oral presentation in the 3rd regional science and technology congress (southern region) on 18-19th December, 2018. (outstanding paper award)
- Paper presentation in 20th National space science symposium organized by SPPU, IUCAA, NCRA, Pune on 29-31st January, 2019.
- Oral presentation in the 26th West Bengal state science and technology congress on 1st March 2019. (outstanding paper award)
- Oral paper presentation in 1st national conference on severe weather organized by Kalpana Chawla centre for space and Nano sciences, Dept of Phys. (BHU), Dept. of Atmospheric Sciences(CU), IMD, Dept of Phys.(Bose institute), MOES on 17-20th March, 2019.
- Paper presentation in the young scientists conference in India international science festival 2019 on 5-8th November, 2019.
- Oral presentation in National conference on multidisciplinary research (NCMR-2019) organized by JIS University on 12-13 November, 2019. (best original paper award)
- Paper presentation in national symposium on “land, ocean and atmosphere interactive processes in the context of weather and climate” organized by Andhra University, Visakhapatnam and IMS on 11-14th December, 2019.
- Oral presentation in the 4th regional science and technology congress (southern region) on 23-24th December, 2019.

- Attended two days workshop on “Weather & climate:Data analysis and application” organized by Dept. of Atmospheric Science, CU and Dept.of Phys, Srikrishna College on 17-18th February, 2020.