

**VIVEKANANDA MISSION MAHAVIDYALAYA**

**FACULTY ACADEMIC PROFILE/CV**

Full name of the faculty member: **DR. GOPAL MONDAL**

Designation: Assistant Professor

**Specialization: Fluid Mechanics**



**Contact information:**

**Vivekananda Mission Mahavidyalaya, Chaitanyapur, Haldia, 721645**

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**Academic qualifications:**

| College/ university from which the degree was obtained | Abbreviation of the degree                         |
|--|--|
| Mahishadal Raj College                                 | B.Sc(Math)   |
| Jadavpur University                                    | M.Sc(Applied Mathematics, Fluid mechanics Special) |
| Jadavpur University                                    | Ph.D   |

**Positions held/ holding:**

Department in Charge of Education Dept since 2016.

Coordinator of Netaji Subhas Open University (NSOU) study center (I-03) since 2019.

**Research interests:**

Ionospheric Irregularities, Lower Atmospheric Hazard and its Impact to Ionosphere

**Research guidance:**

Number of researchers awarded M.Phil/ Ph.D degrees: 0

Number of researchers pursuing M.Phil/ Ph.D: 0

## Select list of publications:

a) *Journals: Annex.1*

b) *Conference/ Seminar/Workshop: Annex. 2*

c) *Books/ book chapters: 0*

## Awards:

CSIR-JRF National Scholarship (National Eligibility Test, 2009)

## List of Publication

1. Shankar, D., Sen, G. K., Sanyal, P., Sundar, D., Michael, G. S., Chatterjee, A., A.P., Mukherjee, D., Suprit, K., Mukherjee, A., Vijith, V., Chatterjee, S., Basu, A., Das, M., Chakraborti, S., Kalla, A., Misra, S. K., Mukhopadhyay S., Mandal, G., Sarkar, K. (2013), Tidal variations in the Sundarbans Estuarine System, India, *Journal of Earth System Science*, 122I, 4, 899-933, <https://link.springer.com/article/10.1007/s12040-013-0314-y>, ISSN: 2347-4327 (Print) 0973-774X (Online).

2. Mondal, G., Gupta, M., & Sen, G. K. (2014). Variation in electron Content Ratio and Semi-thickness Ratio during LSA and MSA periods and some Cyclone Genesis Periods using COSMIC satellite observations. *Advances in Space Research*, 54, 2151-2158, <http://dx.doi.org/10.1016/j.asr.2014.07.017>.

3. Mondal, G., Gupta, M., & Sen, G. K. (2015), Climatology of the Ionosphere over low-latitude (Kolkata) using FORMOSAT-3/COSMIC satellite observation. *Journal of Earth System Science*, 124, 291-301, doi: 10.1007/s12040-015-0548-y. IMPACT FACTOR-1.104

4. Mondal, G., Gupta, M., & Sen, G. K. (2017). An Investigation into Height Variation of Ionospheric Signature Due To the Cyclonic Storm Formation Using COSMIC-RO Measurements. *International Journal of Engineering Research and Application*, ISSN: 2248-9622, 7, 7, 76-85, doi: 10.9790/9622-0707077685.

## List of Workshops and Seminars

1. Mondal, G., Gupta, M., & Sen, G. K. (2011). O-X Mode conversion in magnetized plasma with density stratification presented in National Conference on Mathematics and its Applications ("NCMA-2011"), held on 11<sup>th</sup>-12<sup>th</sup> March 2011, Organized by Department of Mathematics, Jadavpur University, Kolkata, West Bengal, India.
2. Mondal, G., Gupta, M., & Sen, G. K. (2013). RamAtSace-2013, UGC-NRCPS Winter School on Remote Sensing of Earth's Atmosphere and Space Weather, Held on 4<sup>th</sup> March-22<sup>nd</sup> March 2013, Organized by Institute of Radio Physics and Electronics, University of Calcutta, Kolkata, West Bengal, India.
3. Mondal, G., Gupta, M., & Sen, G. K. (2014). Ionosphere F2 region perturbation due to Convective activity of Cyclones in Bay of Bengal, Presented in 3rd International Symposium on Complex Dynamical System and Application, CDSA-2014, held on 10<sup>th</sup>-12<sup>th</sup> March 2014. Jointly organized by Agricultural and Ecological Research Unit, Physics and Applied Mathematics Unit of Indian Statistical Institute, Kolkata, West Bengal, India.
4. Mondal, G (2018). Two-Days State Level Workshop on Computer Programming & Application (WCPA 18). Held on 12-13 July 2018, Organized by Department of Physics (UG & PG) in Association with IQAC, P. K. College, Contai, West Bengal.
5. Prof M R Gupta Memorial 2<sup>nd</sup> National seminar, Organized by Centre for Plasma Studies in Collaboration with Department of Mathematics, Jadavpur University & Advance Centre for Nonlinear and Complex phenomena (Kolkata) Held on 03<sup>rd</sup> August 2018.
6. Mondal, G (2018). "***Climate Change and Cyclone: Its impact to the Upper Atmosphere.***" Three Days International Seminar on "*Environmental History and Sustainability: The Black-White Journey of Sustainable Development in Reality and Education*" Organized by Departments of History (UG & PG) & Geography (UG & PG), Bajkul Milani Mahavidyalaya, Kismat Bajkul, Purba Medinipur-721655, Held on 5<sup>th</sup> -7<sup>th</sup> February, 2019.