

CURRICULAM VITAE

Name : SOUVIK MAJUMDER
Designation : Assistant Professor
Specialization : Space Science and Communication
Date of Birth : 10/05/1985
Address : Plot No.-76 Bangur Avenue, Block-D,
P.S. – Lake Town. Kolkata- 700055
Nationality : Indian
Gender : Male
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❖ Academic Qualification:

| QUALIFICATION | INSTITUTION | BOARD/ UNIVERSITY | YEAR | Percentage of Marks/CGPA |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------|
| SECONDARY | RAMAKRISHNA MISSION BOYS' HOME HIGH SCHOOL, RAHARA | W.B.B.S.E | 2001 | 89.38 |
| HIGHER SECONDARY | RAMAKRISHNA MISSION VIVEKANANDA CENTENERY COLLEGE, RAHARA | W.B.C.H.S.E | 2003 | 81.70 |
| B.Sc. (Hons. in PHYSICS) | RAMAKRISHNA MISSION VIVEKANANDA CENTENERY COLLEGE, RAHARA | UNIVERSITY OF CALCUTTA | 2008 | 68.50 |
| B.Tech (in RADIO PHYSICS & ELECTRONICS) | UNIVERSITY COLLEGE OF SCIENCE & TECHNOLOGY (Rajabazar Science College) | UNIVERSITY OF CALCUTTA | 2011 | 8.53 |
| M.Tech (in RADIO PHYSICS & ELECTRONICS) Specialization : Space Science & Communication. | UNIVERSITY COLLEGE OF SCIENCE & TECHNOLOGY (Rajabazar Science College) | UNIVERSITY OF CALCUTTA | 2013 | 9.38 |
| Ph.D. (pursuing) | INSTITUTE of RADIO PHYSICS and ELECTRONICS | UNIVERSITY OF CALCUTTA | Date of Registration: 19/05/2015 Registration number: 3355/Ph.D.(Tech.) Proceed/2015 | |

❖ Technical Skills:

- Mat lab
- Microsoft Office
- VHDL
- C

❖ Research Interests:

- GPS and Navigation, GPS Meteorology.
- Atmospheric Physics, Weather, Precipitation

❖ Publications

A. Journals

1. **Souvik Majumder**, Saurabh Das and Animesh Maitra, "Study of tropospheric delay over Indian region from MODIS, NCEP/NCAR data and ground based water vapor measurements at Kolkata", *Advances in Space Research*, 56(6), 1115–1124, 2015. (SCI Impact Factor: 1.746).
2. Saurabh Das, **Souvik Majumder**, Rohit Chakraborty and Animesh Maitra, "A Simplistic Approach for Water Vapor Sensing Using a Stand Alone GPS Receiver", *IET Radar, Sonar & Navigation*, 8 (8), 845-852, 2014. (SCI Impact Factor: 2.51)

B. Conferences

1. **Souvik Majumder**, Pallabi Saha, Animesh Maitra, "Water Vapor Sensing using Ground- Based Dual Frequency GPS Measurement Over a Tropical Location", 7th International Conference on Computers and Devices for Communication (CODEC) 2019, at Kolkata.
2. Pallabi Saha, **Souvik Majumder** and Animesh Maitra, "Rain Drop Size Distribution at a Tropical Location near Land - Sea Boundary", *URSI AP-RASC 2019*, New Delhi, India, 09 - 15 March 2019.
3. Gopal Mondal, Devarpita Kundu , **Souvik Majumder** and Animesh Maitra, "Seasonal Variation of Rain and Cloud Microstructure at a Tropical Location", *URSI AP-RASC 2019*, New Delhi, India, 09 - 15 March 2019
4. **Souvik Majumder**, Animesh Maitra, Saurabh Das, "Water Vapor Sensing using Ground-Based Dual Frequency GPS Measurement Over a Tropical Location", *URSI RCRS 2017* at Tirupati.
5. **Souvik Majumder**, Arpita Adhikar, Animesh Maitra, "Rain microphysical features as observed from ground based radar and disdrometer at a tropical location", 6th International Conference on Computers and Devices for Communication (CODEC) 2015, at Kolkata.

6. **Souvik Majumder**, Saurabh Das, Animesh Maitra, "Characteristics of tropospheric delay over the Indian region, 18th National Space Science Symposium (NSSS) 2014, 29 January- 01 February, 2014, Dibrugarh.
7. **Souvik Majumder**, Saurabh Das and Animesh Maitra, "Rain drop size distribution under varying raining conditions at a tropical location", Regional Conference on Radio Science (RCRS 2014), 2-5 January 2014, Pune, p. 90.
8. Animesh Maitra, Soumyajyoti Jana, Rohit Chakraborty, Souvik Majumder, "Multi-technique observations of convective rain events at a tropical location", URSI GASS 2014, At Beijing, China.
9. **Souvik Majumder**, Rohit Chakraborty, Saurabh Das, Animesh Maitra, "Observation of Water Vapour with GPS Receiver, Radiometer and Radiosonde at a Tropical Location", 8th International Conference on Microwave, Antenna Propagation and Remote Sensing (ICMARS) 2012, Jodhpur, December 2012

❖ **Additional Achievements:**

- Awarded **1st prize** for presenting a conference paper entitled as "*Observation of Water Vapor with GPS Receiver, Radiometer and Radiosonde at a Tropical Location*" in **ICMARS 2012** held at Jodhpur.

❖ **Subject of Interest:**

- Digital Electronics.
- Satellite communication.
- Analog Communication.
- Analog Electronics.

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Souvik Majumder

Place: Kolkata

Date: 30/12/2020

[Souvik Majumder]