

Name: Debipriya Dutta

Department: ECE

Contact Nos.: 9434227471



Qualifications: M.Tech

Designation: Assistant Professor

VIDWAN ID: 193438

Experience (Teaching / Research / Industry, in years): 11

Date of Joining at the Present Institution: 06/02/2010

Examinations Cleared: NA

Qualifications Summary (Reverse chronological order):

Degree	Institute	From - To	Subjects
M.Tech	B.U	2006-2008	ECE(Microwave)
B.Tech	B.U.I.E	2003-2006	ECE
Diploma	K.G Engg. Inst.	2000-2003	ETC
H.S	K.M. High School	1998-2000	Science
Madhyamik	Sonamukhi Girls' High School	1996	Math, Science, English, Bengali, History, Geography

Experience Summary (In chronological order):

Designation,	Organization,	Date From - Date To
Assistant Professor	Dr. B.C. Roy Engg.College	2010-till now

Specialization/Research Interest: Navigation System

Awards & Recognitions

Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc.

Courses taught: B.Tech, M.Tech

Online Mode of Teaching: PPT

The Faculty member needs to specify the online teaching/ assessment method adopted. (Link to any faculty created resources for Lecture notes / PPT/ Video Lecture etc. in Google Drive / Weblink etc)

Publications:

Journal:

1. "GALIEO-only Position Fix from India: First Experience", Anindya BOSE, Saikat Das, Rakesh Malik and Debipriya Dutta, Coordinates, Vol IX, Issue 9, pp 37 -41, Sept 2013.
2. "Studies on revitalized GLONASS from India", Anindya Bose, Shreya Sarkar, Keka Hajra, Debipriya Dutta and A Bhattacharya, Coordinates, Vol XI, Issue 5, May 2015, pp 37 - 42; Citation- 2
3. "Studies on variation of GNSS signal strengths from India ," Debipriya Dutta and Anindya Bose, Indian Journal of Radio & Space Physics Vol 48, pp. 64-71, 2020, Citation-2

Conference:

1. "Current multi-GNSS status from India: a brief Review", Anindya Bose, P Banerjee, Shreya Sarkar, Keka Hazra, Debipriya Dutta, Rakesh Malik and Saikat Das, National Conference on Materials, Devices and Circuits for Communication Technology (ISBN 978-93-80663-20-3), Burdwan, pp 160 - 163, 7 - 8 February 2014.
2. "Multi-GNSS Experience From INDIA Using GLONASS, GALILEO and GPS", Anindya BOSE, G Sateesh REDDY, Shreya SARKAR, Keka HAZRA, Debipriya DUTTA and Manjit KUMAR, 6th Asia Oceania Regional Workshop on GNSS, Phuket, 9 - 11 October, 2014.
3. "Studies on GNSS signal strengths from India", Debipriya Dutta, Shreya Sarkar and Anindya BOSE, Proc. National Seminar Condensed Matter, Laser and Communication, Burdwan, p. 57, 27-28 February 2015.
4. ["GLONASS from India: review of the revitalised system performances"](#), Anindya BOSE, G Sateesh Reddy, Shreya Sarkar, Debipriya Dutta and Manjit Kumar, UN/ Russia Workshop on Application of GNSS, Krasnoyarsk, 18-22 May 2015.
5. "GLONASS from India: Experience, Potential and Issues", Anindya BOSE, G Sateesh Reddy, Shreya Sarkar, Debipriya Dutta and Manjit Kumar, International cooperation in the field of introduction of GLONASS and other satellite navigation systems, Novosibirsk, 05 June 2015.
6. "SBAS Visibility from India- a brief review", Debipriya Dutta & Anindya BOSE, Proc. National Conference on Materials, Devices and Circuits for Communication Technology (ISBN 978-93-85775-03-1), Burdwan, pp. 169-172, 19 - 20 February 2016. Citation-1
7. "IRNSS capabilities: an initial study using IGS Receiver", Sujoy Mandal, Koushik Samanta, Debipriya Dutta and Anindya Bose, Proc. International Conference on Computational Science and Engineering, (ISBN: 978-1-138-02983-5), Kolkata, pp. 147 -150, 4-6 October 2016. Citation-2
8. "Advantages and Performance of IRNSS in Hybrid Operation: Initial Results", Anindya Bose, Sujoy Mandal, Koushik Samanta, (Ms) Debipriya Dutta, Suvro Kundu and Atanu Santra, 8th Multi GNSS Asia Conference, Philippines, 14-16 November 2016.
9. "Initial Results of IRNSS Standalone and Hybrid Operations", Anindya Bose, Sujoy

Mandal, Koushik Samanta, Debipriya Dutta, Suvro Kundu and Atanu Santra, United Nation-Nepal Workshop on GNSS, Kathmandu, pp 16-17, 12-16 December 2016.

10. "Recent GNSS Observations with GALILEO Initial Operation", Suvro Kundu, Atanu Santra, Debipriya Dutta and Anindya Bose, National Seminar on recent Trends in Condensed Matter Physics including LASER applications, Burdwan, pp-16, 8-9 March, 2017.

11. "BEIDOU Navigation Satellite System : First experience from India", Pratibha Verma, Debipriya Dutta, Shreya Sarkar and Anindya Bose, Proc. National Conference on Materials, Devices and Circuits for Communication Technology (ISBN 978-81-888391-55-4), Burdwan, pp. 49 - 52, 22 - 23 June 2018.

12. . "Android Smartphones for GNSS studies in Multi-Constellation Environment," Debipriya Dutta, Somnath Mahato, Soumyajit Raja, Souvik Ganguli, Sudip Verma and Anindya Bose, IEEE National Conference on Emerging Trends on Sustainable Technology and Engineering Applications, Durgapur, 7-8 February, 2020. DOI: [10.1109/NCETSTE48365.2020.9119916](https://doi.org/10.1109/NCETSTE48365.2020.9119916) Citation- 1

13. "GNSS Android Apps: A Novel Classification Effort," Somnath Mahato, Debipriya Dutta and Anindya Bose, GPS/GNSS Symposium 2020, Tokyo, p-288, 28-30 October 2020.

14. "GNSS/NavIC data from Android Smartphone in Cartography and Geospatial Education," Somnath Mahato, Debipriya Dutta, Sumit Dey, and Anindya Bose, 40th INCA International Congress on Digital Mapping Innovations in Make India Initiatives, kolkata, P. - 06, 10-12th February 2020.

15. "Ionospheric Effect on position solution accuracy using NavIC," Debipriya Dutta, Somnath Mahato, Sukabya Dan, Atanu Santra, P. Banerjee and Anindya Bose, 2nd International Conference on Range Technology (ICORT), Chandipur, 2021. DOI: [10.1109/ICORT52730.2021.9582070](https://doi.org/10.1109/ICORT52730.2021.9582070)

Book Chapter:

1. "GNSS/NavIC data from Android Smartphone in Cartography and Geospatial Education," Somnath Mahato, Debipriya Dutta, Sumit Dey, and Anindya Bose, Book: Geoinformatics in Research and Development, SAIRAD Publication, pp. 102-111, 2021.

Supervision of Ph.D/M.Tech/ B.Tech Projects: NA

For Ph.D

1. Name of the student, Name of the supervisor, " Title of the thesis", Year , Name of the university (completed)
2. Name of the student, Name of the supervisor, " Title of the thesis", Year, Name of the university (Registered)

Projects:

1. Name of the student/s (with university roll number), Name of the supervisor, " Title of the Project / thesis" , Year (only final year 8th Sem Project for B.Tech and Thesis for M.Tech)

Invited Lectures: NA

Participation in faculty development programmes

3 FDP Programme Online Organized by AICTE ATAL FDP

Organization of events (Dr. B. C. Roy Engineering College):NIL

Participation in administrative committees (selected) : NA

Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution : NIL

Membership of professional bodies: IETE