

Assistant Professor

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EDUCATIONAL BACKGROUND

- ❑ **Doctor of Philosophy (Feb. 2017): Indian Institute of Engineering Science and Technology, Shibpur**
Department of Civil Engineering (Specialization: Geotechnical Engineering)
Thesis title: "Reliability Analysis of Soil Slopes Using the First Order Reliability Method"
Supervisor: Prof. Gautam Bhattacharya
- ❑ **Master of Technology (July 2011), 1st Class 1st : Bengal Engineering and Science University, Shibpur**
Department of Civil Engineering (Specialization: Geotechnical Engineering)
Thesis title: "First Order Reliability Method in Reliability Analysis of Earth Slopes"
Supervisor: Prof. Gautam Bhattacharya
- ❑ **Bachelor of Technology (June 2008), 1st Class 1st : West Bengal University of Technology, Kolkata**
Department of Civil Engineering, Meghnad Saha Institute of Technology, Kolkata

RESEARCH INTEREST

- ❑ Landslide Risk Assessment and Mitigation
- ❑ Reliability Analysis of Earth Slopes, Foundations and Retaining Structures
- ❑ Probabilistic Evaluation of Seismic Soil Liquefaction Potential
- ❑ Rock Mechanics
- ❑ Geotechnical Earthquake Engineering
- ❑ Application of Surrogate Modelling Techniques

PROFESSIONAL EXPERIENCE

- ❑ **Assistant Professor** (May 2018 to till date): National Institute of Technology Jamshedpur, India.
- ❑ **Assistant Professor** (April 2017 to May 2018): Techno India University, West Bengal, India.
- ❑ **Visiting Researcher** (April 2016 to October 2016): Zienkiewicz Centre for Computational Engineering, Swansea University, UK.
- ❑ **Assistant Engineer** (July 2008 to July 2009): Development Consultants Pvt. Ltd., Kolkata, India

HONORS/ PRIZES/ AWARDS/ PEER RECOGNITION

- ❑ Recipient of the **IGS-HEICO Young Geotechnical Engineer Award** by the Indian Geotechnical Society (New Delhi) in 2018.
- ❑ Recipient of the prestigious **Newton-Bhabha PhD Placement Grant 2015-16** jointly funded by the Department of Business, Innovation and Skills of the British Government (BIS) and the Ministry of Science and Technology, India (MoST) for a short term, six months, research internship at the **Zienkiewicz Centre for Computational Engineering (ZCCE), Swansea University, UK**.
- ❑ Recipient of the **IGS-Shri R.N. Prasad Biennial Prize** by the Indian Geotechnical Society (New Delhi) for the best paper on “Slope Stability and Landslides” in 2015.
- ❑ Recipient of the prestigious **INSPIRE Fellowship (2012)** of the Department of Science and Technology (DST), Government of India to pursue doctoral research at IIST, Shibpur.
- ❑ Was one of the 40 selected candidates from all over the world to attend the prestigious international school on “**Landslide Risk Assessment and Mitigation**” (**LARAM 2014**) of the **University of Salerno, Italy**.
- ❑ Awarded the **University Gold Medal** for ranking first in order of merit in the B.Tech. (Civil) Examinations, 2008 of the West Bengal University of Technology.
- ❑ Awarded the **University Medal** for ranking first in order of merit in the M.E. (Civil) Examinations, 2011 of the Bengal Engineering and Science University (BESU), Shibpur.

TEACHING EXPERIENCE

Course Code & Title	Level (UG/PG)	Number of Times
CE 4132: Advanced Foundation Engineering and IS Code	PG	02 (instructor)
CE 4226: Dynamics of Soil and Foundation	PG	02 (instructor)
CEG 7221: Soil Exploration and Analysis of Foundation	PG	01 (instructor)
CEG 7111: Finite Element Methods	PG	01 (instructor)
CE 1101 & CE 1201: Environment & Ecology	UG	04 (instructor)
CE 307: Civil Engineering Drawing (Auto CAD)	UG	01 (instructor)
CE 406: Geotechnical Engineering Laboratory - I	UG	02 (instructor)
CE 506: Geotechnical Engineering Laboratory - II	UG	02 (instructor)
CE 608: Civil Engineering Materials Laboratory	UG	01 (instructor)
CE 807: Dynamics of Soils and Foundations (Elective-III)	UG	02 (instructor)
CE 812: Rock Mechanics (Elective IV)	UG	01 (instructor)

PUBLICATIONS

A. International Journal

1. Agarwal, E., Pain, A., Mukopadhyay, T., **Metya, S.** and Sarkar, S. (2021), "Efficient computational system reliability analysis of reinforced soil retaining structures under seismic conditions including the effect of simulated noise", *Engineering with Computers.*, Elsevier, DOI: <https://doi.org/10.1007/s00366-020-01281-8>, Impact Factor – 3.938, **Indexed in SCI and Scopus.**
2. **Metya, S.** and Chaudhary, N. and Sharma, K. K. (2021), "Psuedo Static Stability Analysis of Rock Slope Using Patton's Shear Criterion", *International Journal of Geo-Engineering.*, 12(7) <https://doi.org/10.1186/s40703-020-00137-w>, **Indexed in Scopus.**
3. **Metya, S.** and Bhattacharya, G. (2020), "Accounting for 2-D Spatial Variation in Slope Reliability Analysis", *International Journal of Geomechanics*, ASCE, Volume 20, Issue 3, DOI: 10.1061/(ASCE)GM.1943-5622.0001609, Impact Factor – 2.332, **Indexed in SCI and Scopus.**
4. Bhattacharya, G., Chowdhury, R. and **Metya, S.** (2019), "Residual Factor as a Variable in Slope Reliability Analysis", *Bulletin of Engineering Geology and the Environment*, Springer, Volume 78, Issue 1, Pages 147–166, Impact Factor – 1.901, **Indexed in SCI and Scopus.**
5. **Metya, S.**, Mukhopadhyay, T., Adhikari, S. and Bhattacharya, G. (2017), "System Reliability Analysis of Soil Slopes with General Slip Surfaces Using Multivariate Adaptive Regression Splines", *Computers and Geotechnics*, Elsevier, Volume 87, Pages 212–228, Impact Factor – 2.358, **Indexed in SCI and Scopus.** (This paper has been awarded the IGS-HEICO Award - 2018 for the best paper on "Slope Stability and Landslides" by Indian Geotechnical Society, New Delhi).
6. **Metya, S.** and Bhattacharya, G. (2016), "Reliability Analysis of Earth Slopes Considering Spatial Variability", *Geotechnical and Geological Engineering - An International Journal*, Springer, Volume 34, Issue 1, Pages 103–123, DOI: <https://dx.doi.org/10.1007/s10706-015-9932-2>, **Indexed in Scopus and E-SCI.**
7. **Metya, S.**, Bhattacharya, G. and Chowdhury, R. (2016), "Reliability Analysis of Slopes in Strain-Softening Soils Considering Critical Slip Surfaces", *Innovative Infrastructure Solutions*, Springer, Volume 1, Issue 1, 35, DOI: <https://dx.doi.org/10.1007/s41062-016-0033-8>, **Indexed in Scopus and E-SCI.**
8. **Metya, S.** and Bhattacharya, G. (2012), "Slope Reliability Analysis Using the First Order Reliability Method", *SRESA Journal of Life Cycle Reliability and Safety Engineering* (ISSN 2250-1360), Volume 1, Issue 3, Pages 01–07.

B. National Journal

1. **Metya, S.** and Bhattacharya, G. (2016) "Probabilistic Stability Analysis of the Bois Brule Levee Considering the Effect of Spatial Variability of Soil Properties Based on a New Discretization Model", *Indian Geotechnical Journal*, Springer, Volume 46, Issue 2, Pages 152–163, DOI: <https://dx.doi.org/10.1007/s40098-015-0163-5>, **Indexed in Scopus and E-SCI.**
2. **Metya, S.** and Bhattacharya, G. (2014), "Probabilistic Critical Slip Surface for Earth Slopes Based on the First Order Reliability Method", *Indian Geotechnical Journal*, Springer, Volume 44, Issue 3, Pages 329–340, DOI: <https://dx.doi.org/10.1007/s40098-013-0089-8>, **Indexed in Scopus and E-SCI.** (This paper has been awarded the IGS-Shri R.N. Prasad Biennial Prize - 2015 for the best paper on "Slope Stability and Landslides" by Indian Geotechnical Society, New Delhi).

C. Book Chapters

1. **Metya, S.** and Chaudhary, N. (2020), "Stability analysis of rock slope against planar failure with irregular discontinuity", *Modeling in Geotechnical Engineering*, Chapter 6, Edited by P. Samui, S. Kumari, V. Makarov and P. Kurup, Elsevier, Pages 119–132, <https://www.elsevier.com/books/modeling-in-geotechnical-engineering/samui/978-0-12-821205-9>.
2. **Metya, S.**, Dey, S., Bhattacharya, G. and Chowdhury, R. (2019), "Reliability Analysis of Slopes in Soils with Strain-Softening Behaviour", *Geotechnical Applications*, part of the *Lecture Notes in Civil Engineering*

book series, Volume 13(4), Edited by Anirudhan I.V. and V.B. Maji, Springer, Pages 293-301, DOI: https://doi.org/10.1007/978-981-13-0368-5_31 , *Indexed in Scopus*.

3. **Metiya, S.**, Mukhopadhyay, T., Adhikari, S. and Bhattacharya, G. (2017), "Efficient System Reliability Analysis of Earth Slopes Based on Support Vector Machine Regression Model", *Handbook of Neural Computation*, Edited by Pijush Samui, Sanjiban Sekhar Roy and Valentina E. Balas, Elsevier, Pages 127–143, <https://www.elsevier.com/books/handbook-of-neural-computation/samui/978-0-12-811318-9>.
4. **Metiya, S.**, and Bhattacharya, G. (2013). "Slope Reliability Analysis Using the First Order Reliability Method", *Proceedings of the International Symposium on Engineering under Uncertainty: Safety Assessment and Management (ISEUSAM - 2012)*, Edited by Subrata Chakraborty and Gautam Bhattacharya, Springer, Pages 535–547, DOI: https://dx.doi.org/10.1007/978-81-322-0757-3_33.

D. International Conference

1. **Metiya, S.**, Bhattacharya, G., and Chowdhury, R. (2016), "Reliability Analysis of Strain-Softening Slopes Using the First Order Reliability Method (FORM)", *Proceedings of the Geo-China 2016: Advances in Numerical and Experimental Analysis of Transportation Geomaterials and Geosystems for Sustainable Infrastructure (Geotechnical Special Publication No. GSP 257, ASCE)*, Shandong University, China, July 25– 27, 2016, Pages 100–107, DOI: <http://dx.doi.org/10.1061/9780784480007.012>, *Indexed in Scopus*.
2. **Metiya, S.**, Bhattacharya, G., and Chowdhury, R. (2016), "A New Discretization Model to Include the Effect of Spatial Variability in the Reliability Analysis of Earth Slopes", *Proceedings of the Geo-Chicago 2016: Sustainable Geo-environmental Systems (Geotechnical Special Publication No. GSP 271, ASCE)*, Chicago, USA, August 14–18, 2016, Pages 598–607, DOI: <http://dx.doi.org/10.1061/9780784480144.059>, *Indexed in Scopus*.

E. National Conference

1. Shubham, K., **Metiya, S.** and Bhattacharya, G. (2020), "Reliability Analysis of Settlement of a Foundation Resting Over a Circular Void", *E-Proceedings of the Indian Geotechnical Conference (IGC 2020)*, at Andhra University, Visakhapatnam, December 17-19, 2020, Paper ID – TH09-36.
2. Kumar, G. V., **Metiya, S.** and Khan, A. K. (2019), "An Experimental Study on Behaviour of Footings Resting on Sand Reinforced with Combigrid", *E-Proceedings of the Indian Geotechnical Conference (IGC 2019)*, at SVNIT Surat, December 19-21, 2019, Paper ID – TH9-61, Pages 3525–3534.
3. Mukherjee, S., **Metiya, S.** and Bhattacharya, G. (2019), "Pseudo-static Stability Analysis of Multilayered Slopes Using Sarma's Method of Non-Vertical Slices", *E-Proceedings of the Indian Geotechnical Conference (IGC 2019)*, at SVNIT Surat, December 19-21, 2019, Paper ID – TH7-18, Pages 3131–3142.
4. Shubham, K. and **Metiya, S.** (2019), "Effect of Vegetation on the Stability of Slope: An Analytical Approach for Chandil Site", *E-Proceedings of the Indian Geotechnical Conference (IGC 2019)*, at SVNIT Surat, December 19-21, 2019, Paper ID – TH7-14, Pages 3104–3115.
5. **Metiya, S.** and Bhattacharya, G. (2019), "Influence of Number of Slices in Slope Reliability Analysis Considering Spatial Variability", *Proceedings of the Indian Conference on Geotechnical and Geo-Environmental Engineering (ICGGE-2019)*, at MNNIT Allahabad, March 01-02, 2019 (In CD: Paper ID – 658-923).
6. **Metiya, S.** and Bhattacharya, G. (2018), "A Comparison of LEM and RFEM Based Slope Reliability Considering Spatial Variability", *Proceedings of the Indian Geotechnical Conference (IGC 2018)*, at Indian Institute of Science, Bangalore, December 13-15, 2018 (In CD: Paper ID – TH-03-004 under Subtheme 3).
7. **Metiya, S.**, Bhattacharya, G., Mukhopadhyay, T. and Adhikari, S. (2017), "Multivariate Adaptive Regression Splines for System Reliability Analysis of Slopes", *Proceedings of the Indian Geotechnical Conference (IGC 2017)*, at IIT Guwahati, December 14–16, 2017 (In CD: Paper ID – 118 under Subtheme 10).
8. **Metiya, S.**, Dey, S., Bhattacharya, G. and Chowdhury, R. (2016), "Reliability Analysis of Slopes in Soils with Strain-Softening Behaviour", *Proceedings of the Indian Geotechnical Conference (IGC 2016)*, at IIT Madras, December 15–17, 2016 (In CD: Paper ID – 512 under Subtheme 11).

9. Poddar, N., **Metya, S.**, Barman, A.K. and Bhattacharya, G. (2015), “Deterministic and Probabilistic Stability Analysis of Earth Slopes during Rapid Drawdown”, *Proceedings of the 50th Indian Geotechnical Conference (IGC 2015)*, at College of Engineering, Pune, India, December 17–19, 2015 (In CD: Paper ID – 62 under Subtheme 9).
10. **Metya, S.**, Halder, K., Pramanik, R. and Bhattacharya, G. (2014), “Reliability Prediction of Slope Stability of a Zoned Dam using Spreadsheet based Simulation Technique”, *Proceedings of the Indian Geotechnical Conference (IGC 2014)* at JNTU, Kakinada, December 18–20, 2014, Paper Code: T11-P01, Pages 2082– 2089.
11. **Metya, S.** and Bhattacharya, G. (2013), “Reliability Evaluation of Earth Slopes Using FORM”, *Proceedings of the Indian Geotechnical Conference (IGC 2013)*, at IIT Roorkee, India, December 22–24, 2013, 10TH-05, Paper No. 260, Pages 01–08.
12. **Metya, S.** and Bhattacharya, G. (2012), “Slope Reliability Analysis using Truncated Normal Distribution” *Proc. NCPCC - 2012 (National Conference on Pervasive Computing and Communications)* at BBIT, Kolkata, India, March 2–3, 2012, Pages 115–118.

F. Book Manuscript Under Preparation

1. “GEOTECHNICAL RELIABILITY AND RISK” (with focus on Slopes and Landslides) as co-author with Professor Robin Chowdhury, Emeritus Professor, University of Wollongong, Australia, and Professor Gautam Bhattacharya, Visiting Professor, IEST Shibpur under agreement with the CRC Press, Balkema.

SOURCES

Google Scholar: <https://scholar.google.co.in/citations?user=ZRXy8H8AAAAJ&hl=en&oi=ao>

ORCID: <https://orcid.org/0000-0003-0622-6978>

Scopus Author ID: 56252655100

Researcher ID: AAB-6090-2019

Vidwan-ID: 98802

SUPERVISION OF STUDENTS

(a) For Ph.D.

Sl. No.	Name of the student/research scholar	Title of Thesis	Year Started	Year Completed	Joint-guide(s) if any	External Examiner(s)
1.	Kumar Shubham (Reg. No.: 2018RSCE013)	Effect of Underground Voids on Stability of Foundations	Jan. 2019	On-going	Dr. A. K. Sinha	-
2.	Neeraj Chaudhary (Reg. No.: 2018RSCE014)	Probabilistic Stability Assessment of Rock Slopes	Jan. 2019	On-going	Dr. K. K. Sharma	-
3.	Durgesh Prashad (Reg. No.: 2019RSCE009)	Seismic Reliability Analyses of MSE Walls	July 2019	On-going	Dr. R. P. Singh	-

(b) For M.Tech.

Sl. No.	Name of the student/research scholar	Title of Dissertation	Year Started	Year Completed	Co-guide(s) if any	External Examiner(s)
1.	Gurram Vinod Kumar (Reg. No.: 2017PGCEGE14)	An Experimental Study on Behaviour of Footings Resting on Sand Reinforced with Combigrid	June 2018	June 2019	Dr. A. K. Khan	Dr. Kumar Venkatesh, MNNIT Allahabad-
2.	Shashi Shekhar (Reg. No.: 2018PGCEGE02)	Stabilization of Expansive Soil by Waste Material With Natural Fibers	June 2019	June 2020	None	Prof. Chittaranjan Patra, NIT Rourkela
3.	Lagudu S Avinash (Reg. No.: 2018PGCEGE13)	Reliability Analysis of the External and Internal Stability of MSE Walls	June 2019	June 2020	None	Prof. A. Murali Krishna, IIT Tirupati
4.	Peeyush Kumar (Reg. No.: 2019PGCEGE05)	Effect of Cavities on the Behaviour of Footing	June 2020	On-going	None	-
5.	Ankit Goel (Reg. No.: 2019PGCEGE07)	Stability Analysis of MSW Landfill	June 2020	On-going	None	-

(c) For B.Tech.

Sl. No.	Name of the student(s)	Title of Project Report	Year Started	Year Completed	Co-guide(s) if any
1.	Ayush Kumar Agnihotri (Roll No.: 2015UGCE014), Chandan Kumar (Roll No.: 2015UGCE029), Rishabh Ratnam (Roll No.: 2015UGCE080) and Adya Tewary (Roll No.: 2015UGCE086)	A Review on Reliability Analysis of Rock Slopes	June 2018	April 2019	None
2.	Anurag Kumar (Roll No.: 2016UGCE011), Kartikeya Patwardhan (Roll No.: 2016UGCE051), Rohit Kumar (Roll No.: 2016UGCE062), and Sudhanshu Kumar (Roll No.: 2016UGCE071)	A Comparative Study on Commonly Used Methods for Bearing Capacity of Shallow Foundation	June 2019	June 2020	None

SEMINARS/ WORKSHOPS/ CONFERENCES ORGANIZED

1. Organizing Secretary, National Conference on 'Geo-Science and Geo-Structures (GSGS 2020)', held during September 03-04, 2020, at National Institute of Technology Jamshedpur.
2. Organizing Secretary, National Conference on 'Advances in Sustainable Construction Materials (ASCM 2020)', held during August 03-04, 2020, at National Institute of Technology Jamshedpur.
3. Coordinator, National Workshop on 'Geo-Systems and Geo-Materials (GSGM 2019)', held during June 03-08, 2019, at National Institute of Technology Jamshedpur.
4. Member, Technical Committee, 'Research Scholars' Day (RSD 2014)', held during January 29-30, 2014, at BESU, Shibpur.

5. Member, Coordination Committee, 'National Conference on Pervasive Computing and Communications (NCPCC-2012)' held on 2nd and 3rd March 2012, at BBIT, Kolkata.
6. Student Member, Organising Committee, 'International Symposium on Engineering under Uncertainty, Safety Assessment and Management (ISEUSAM 2012)', held during Jan. 04-06, 2012, at BESU, Shibpur.

SHORT-TERM COURSES/ WORKSHOPS ATTENDED

1. **Two-week long international school** on "Landslide Risk Assessment and Mitigation" organized by the **University of Salerno, Italy** during 1st to 13th September 2014.
(<http://www.laram.unisa.it/school/2014/students>).
2. **Three-day Study Group with Industry**, aimed to address broad challenges in Uncertainty Quantification & Management by tackling three industrial problems supplied by Jaguar Land Rover, Airbus and Zenotech, organised by the **Institute for Risk and Uncertainty, University of Liverpool, UK** during 17th to 20th July, 2016.
(<http://www.liru-cdt.org/wp-content/uploads/2017/09/SeptemberIssue2016.pdf>).
3. **One day Indo-Japan Workshop** on the recent advances and the developments that are taking place in Geotechnical Aspects of Natural Disaster Mitigation and Management organized by the **Indian Geotechnical Society and Japanese Geotechnical Society in association with IIT Guwahati** on 13 December, 2017.
4. **Four-week long UGC-HRDC Subject-Specific Refresher Course** on "Recent Advances in Civil Engineering" organized by the **Dept. of Civil Engineering, Jadavpur University, India** during 2nd to 24th January, 2018.
5. **One day ISSMGE (TC-207) Workshop** on the recent advances in Soil-Structure Interactions and Retaining Walls organized by the **Indian Geotechnical Society (IGS) and the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) in association with IISc, Bangalore** on 12 December 2018.
6. **3rd Indo-Korea Joint Geotechnical Engineering Workshop** on Geotechnical Issues for Urbanisation organized by the **Indian Geotechnical Society (IGS) and the Korean Geotechnical Society (KGS)** in association with **SVNIT Surat** on 18th December 2019.

CONSULTANCY/INDUSTRIAL PROJECTS

Title of the Project	Organisation	Total Amount in Lakhs.	Duration	Role
Inspection of Retaining Wall, UCIL, Jaduguda, Jharkhand and recommendation of remedial measures	Uranium Corporation of India	2.0	Nov. 2020 – till date (Ongoing)	As Co-PI (with Dr. A. K. Singh and Dr. K. K. Sharma)
Vetting of structural design and drawings for the proposed G+3 storied building at Saraikela for Pradhan Mantry Awas Yojana	Skematic Consultants	0.3	May - June 2019 (Completed)	As PI (with Dr. S. Kumar)
Expert opinion on rectification of seepage and extension of the RCC pit for Instrumented Multi-Spiral Washer (IMSW) at NML, Jamshedpur	CSIR-National Metallurgical Laboratory, Jamshedpur	0.5	Dec. 2018 – Jan. 2019 (Completed)	As Co-PI (with Dr. R. P. Singh)

SPONSORED RESEARCH PROJECTS

1. **Title:** System Reliability Analysis of MSE Walls. **Agency:** TEQIP III in the form of Minor Research (Seed) Grant to Faculty Members, **Duration:** 2019-2020, **Role:** Principal Investigator, **Status:** Ongoing.
2. **Title:** System Reliability Analysis of Open Pit Coal Mine Slope Under Dynamic Condition, Monitoring and Countermeasures. **Agency:** Coal S&T Grant under the funding of Ministry of Coal (MoC), **Duration:** 2020-2023, **Role:** Principal Investigator, **Status:** Under Evaluation.

ADMINISTRATIVE ASSIGNMENTS

- ❑ Member, Admission Committee for the Academic Year 2020-21 of NIT Jamshedpur (Oct. 2020 – till date)
- ❑ Member, Research & Consultancy Committee of NIT Jamshedpur (June 2020 – till date)
- ❑ Professor In-charge of Soil Mechanics Laboratory in NIT Jamshedpur (May 2020 – till date).
- ❑ Faculty Advisor of M.Tech. for 2019, 2020 batches (July 2019 – till date).
- ❑ Convener, Invitation Committee and Member, Documents/Records Preparation and Printing Committee, NBA Experts Visit, NIT Jamshedpur (July 2019 – August 2019)
- ❑ Member, NBA Accreditation Committee, Dept. of Civil Engg., NIT Jamshedpur (November 2018 – 2019).
- ❑ Member, Local Purchase Committee, Central Library, NIT Jamshedpur (September 2018 – till date).
- ❑ Member, Anti-Ragging Committee, NIT Jamshedpur (July 2018 – till date).
- ❑ Member, Stock Verification Committee, Central Library, NIT Jamshedpur (July 2018, June 2020).
- ❑ Tabulation Coordinator (DCE), for the results of all the examination at TIU, WB (April 2017 – May 2018).
- ❑ Coordinator, Course Curriculum Committee (UG, PG & Diploma), Department of Civil Engineering, Techno India University (TIU), West Bengal (April 2017 – May 2018).

REVIEWER OF JOURNALS

1. International Journal of Geomechanics, published by ASCE, USA.
2. Geomatics, Natural Hazards and Risk (Taylor & Francis).
3. Indian Geotechnical Journal, published by Indian Geotechnical Society (IGS), India (Springer).
4. Innovative Infrastructure Solutions, pub. by Soil-Structure Interaction Group in Egypt (SSIGE), (Springer).
5. Reviews on Advanced Materials Science (De Gruyter).
6. Acta Geotechnica Slovenica, published by the Faculty of Civil Engg., University of Maribor, Slovenia.
7. Arabian Journal of Geosciences (Springer).

PROFESSIONAL RECOGNITIONS

1. Life member (LM 4310) of “Indian Geotechnical Society (IGS)”.
2. Life Member (AMIE, ID: AM 140277) of “The Institution of Engineers (India)”.
3. Associate Member (A.M.ASCE, ID: 950141) of “American Society of Civil Engineers (ASCE)”.

REFEREES

1. Dr. Gautam Bhattacharya, Visiting Professor, Dept. of Civil Engineering, Indian Institute of Engineering Science and Technology (IIST), Shibpur, West Bengal - 711103, INDIA, Email: bhattacharyag@gmail.com, Mob: (+91) 94336 56572 (*My Master's and Doctoral Thesis Supervisor*).
2. Dr. Robin Chowdhury, Emeritus Professor, Department of Civil, Mining and Environmental Engineering, University of Wollongong, NSW 2522, Australia, Email: robin@uow.edu.au, Mob: (+02) 4221 3037 (*My Collaborator*).
3. Dr. Subrata Chakraborty, Professor and Former Head, Dept. of Civil Engineering, Indian Institute of Engineering Science and Technology (IIST), Shibpur, Howrah 711103, West Bengal, PIN: 711103, INDIA, Email: schak@civil.iist.ac.in; Mob: (+91) 98301 47101.
4. Dr. Sondipon Adhikari, Chair Professor, College of Engineering, Swansea University, Bay Campus, Swansea, SA1 8EN, United Kingdom, Email: S.Adhikari@swansea.ac.uk, Mob: (+44) 1792 602088 (*My Collaborator*).

Sd/-

Last updated on March 26, 2021

(Dr. Subhadeep Metya)