

Dr. Debasish Das

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Objective:

To make sincere and continuous efforts towards building a promising career and to take challenges in life so that I can contribute to the growth and success of the organization I am working with.

Academic Qualifications:

Degree	Institute	University	Year of passing	Marks obtained in 10 pointer scale/in %
Ph.D (Transportation Engg.)	National Institute of Technology (NIT), Silchar	NIT Silchar, Deemed university	2018	7.08
M.Tech (Transportation Engg.)	National Institute of Technology (NIT), Silchar	NIT Silchar, Deemed university	2014	8.40
B.Tech (Civil Engg.)	National Institute of Technology (NIT), Durgapur	NIT Durgapur, Deemed university	2012	6.90
Higher Secondary	Chittaranjan High School	W.B.C.H.S.E.	2008	72.6%
Secondary	Deshbandhu Vidyalaya (Boy's), Chittaranjan	W.B.B.S.E.	2006	83%

Experience:

Sl. No.	Designation	Organization	Tenure
1.	Assistant Professor	Siliguri Institute of Technology (SIT), Siliguri, West Bengal	05.05.2017 to 28.02.2019
2.	Assistant Professor	JIS College of Engineering, Kalyani, West Bengal	08.03.2019 to till date

Administration responsibilities:

Sl.No.	Section /office/Institute level committee	From	To	Position held	Responsibilities
1.	Academic	30.08.19	Till date	Head of the	All departmental

				department, Department of Civil Engineering, JISCE	responsibilities
2.	Academic audit committee	22.06.19	Till date	Member	To conduct academic audit in sister college as per NBA Guidelines
3.	Academic	22.12.17	28.02.19	Head of the department, Department of Civil Engineering, SIT	All departmental responsibilities
4.	Admission Committee	20.5.17	30.4.18	Member	Taken care of admission process.
5.	College Magazine committee	31.5.17	Till today	Jt. Coordinator	Publishing college magazine and departmental E- Newsletter annually.
6.	NSS	13.6.17	Till today	Member	Organizing NSS awareness came, Medical camp, Blood donation camp, Cloth donation camp etc.
7.	IIPC & EDC	15.6.17	30.6.18	Member	Looking in to some R&D project work and other research work in the institute.
8.	Mentor of 2nd year B- Tech student	28.7.17	31.12.17	Mentor	Find out weaker student and arranging extra class for their Improvement.

Areas of Interest:

- Transportation Planning
- Urban Planning
- Demand Modeling
- Highway Materials
- Geometric Design of Transportation
- Mass Transportation System.
- Building Materials

Software Proficiency:

- AUTO CAD
- MX Road
- SPSS

Project:

- 1 month project on “**River bank erosion**” and “**Renovation and repairing of building**” in B-Tech under Canal Division, PWD, West Bengal.
- Final year project on “**Seismic analysis on Transmission Tower**” in B-Tech.
- Final year project on “**Performance analysis of Intersection in Silchar: A Case study**” in M-Tech.
- Ph. D. Project on “**Modeling of On-street parking demand for 4-wheelers in urban CBD in Kolkata: A Case study**”.

Publication:

International Journal:

1. **Das D, Ahmed M. A., Deb S., 2019**, “Model for estimating on-street parking demand in urban CBD”, Proceedings of ITAST, Springer, DOI: https://doi.org/10.1007/978-3-030-42363-6_38, pp. 321-329.
2. Das D., Ahmed M. A., 2017, “On-street parking LOS estimation using AHP and Cluster Analysis”, KSCE J. of Cil. Eng., DOI: 10.1007/s12205-017-1538-1. (SCI E)
3. Das D., Ahmed M. A., 2016, “On-street Parking Demand Estimation in Urban CBD using FI and CF Model: A case study – Kolkata, India”, Indian Journal of Science and Technology. (Scopus, Web of Science)
4. Das D., Ahmed M. A., Sen S., 2016, “Controlling on-street parking demand using sensitivity analysis: A case study at Kolkata”, Journal of Transportation Systems, MAT Journal, Vol. 1, Issue. 3, 2016.
5. Sen S., Ahmed M. A., Das D., 2016, “A Case Study on On-Street Parking Demand Estimation for 4-Wheelers in Urban CBD”, Journal of Basic and Applied Engineering Research, p-ISSN: 2350-0077; e-ISSN: 2350-0255; Volume 3, Issue 3; January-March, 2016, pp. 254-258.

National conference:

1. **Das D., Ahmed M. A., 2014**, “Performance analysis of intersection-controlled: Case study, Silchar, Assam”, National Colloquium on Transportation System Engineering and Management, NIT Calicut, India.
2. Das D., Ahmed M. A., 2017, “Formulating On-street Parking Attraction Equation: A case study in Kolkata, India”, Proceeding in Research Conclave on Recent Innovation in Science and Engineering 2017 (RISE 2017), NIT Silchar, 24th to 26th March, 2017, pp. 96-97.
3. Islam M. K., Ahmed M. A., Das D., 2017, “Evaluation of Pedestrian Level of Service in Presence of Street Vendor”, Proceeding in Research Conclave on Recent Innovation in Science and Engineering 2017 (RISE 2017), NIT Silchar, 24th to 26th March, 2017, pp. 15-16.
4. Das B., Ahmed M. A., Das D., 2017, “Parking demand estimation for 2W in railway station: A case study”, Proceeding in Research Conclave on Recent Innovation in Science and Engineering 2017 (RISE 2017), NIT Silchar, 24th to 26th March, 2017, pp. 115-116.

International conference:

1. **Das D., Ahmed M. A., 2014**, “Performance analysis of rotary intersection: Case study, Silchar, Assam”, 11th TPMDC Transportation Planning and Implementation Methodologies for Developing Countries, 19th -21st December 2016, IIT Bombay, India.
2. Sen S., Ahmed M. A., Das D., 2016, “Estimation Of Parking Accumulation Profile and The Parking

Demand For 4-wheelers In Urban CBD: A Case Study”, Proceedings of National Conference on Recent Advances in Civil Engineering (RACE2016), SVNIT, Surat, India.5th – 6th March 2016.

3. Das D., Ahmed M. A., Deb S., 2016, “A case study on performance analysis of un-controlled intersection in Silchar, Assam”, 1st International Conference on Civil Engineering for Sustainable Development Opportunities and Challenges (CESDOC), 19th -21st December 2016, AEC, Assam, India.

4. Das D., Ahmed M. A., Sen S., 2016, “On-street parking demand estimation model: A case study of Kolkata”, 12th TPMDC, Transportation Planning and Implementation Methodologies for Developing Countries 19-21 December 2016.

5. Das D, Ahmed M. A., Deb S., 2019, “Model for estimating on-street parking demand in urban CBD”, 1st ICIMSAT 2019, 20th-21st September, 2019.

6.Das D, Banerjee D, 2020, “Speed-Flow-Density relationship of traffic movement in urban town: A case study”, International Conference ICFTTAE 2020, NiTatAgarpara, 31st January-1st February, 2020.

7.Das D, Banerjee D, 2020, “Performance Analysis of intersection in urban CBD: A case study”, International Conference ICFTTAE 2020, NiT, Agarpara at 31st January-1st February, 2020.

8.Banerjee D, Das D, 2020, “Study on Rain-water harvesting and ground water recharge techniques”, International Conference ICFTTAE 2020 atNiT, Agarpara, 31st January-1st February, 2020.

9.Banerjee D, Das D, 2020, “Design and Analysis of an Industrial Transmission Tower”, International Conference ICFTTAE 2020 atNiT, Agarpara, 31st January-1st February, 2020.

10.Banerjee D, Das D, 2020, “Response spectrum analysis due to seismic wave in a G+4 RC building”, International Conference ICRTTES at DSCSDEC, India 2020, 5th-6th March, 2020.

BOOK:

1. Das D., Ahmed M A., 2018, “Modeling of On-street Parking for 4-wheelers in urban CBD: A case study”, Lambert Academic publishing, ISBN No.: 978-613-9-81623-1.
2. Banerjee, D., Das D., 2020, “Effect of silica fume on the strength of high strength concrete”, Lambert Academic publishing, ISBN No.: 978-620-2-51496-5.

SPONSERED PROJECT:

Role	Date	Proposal of Grant Sent		
		Authority	Title	Amount (INR)
Co-PI	22.02.2020	WB-DST&BT	Development of Operational Strategies for E-Rickshaws for Improving Air Quality on Roads in Urban Areas of West Bengal	11,95,000/-

Seminar/Work shop/STTP attended:

Sl. No.	Name of the STTP	Organizer	Year of the program
1.	Inter College Technical Meet-2008	ISTE Students' Chapter, Durgapur	13 th September, 2008
2.	Structural Health Monitoring	NIT Durgapur	5 th January, 2011

3.	Probabilistic approach in Engineering Problem	SVNIT, Surat	27 th January 2014 to 31 st January, 2014
4.	Soft Computing for Problem Solving 2014 (SoCProS'14) by Springer and SCRS	NIT Silchar	27 th December to 29 th December 2014
5.	Reliability Theory and its Application to Real Life Problem	ISI Kolkata and NIT Silchar	16 th January to 18 th January, 2015
6.	Application of Probability and Statistics on Engineering Problem	NIT Silchar	14 th April to 16 th April, 2016
7.	Author workshop of Springer Nature	NIT Silchar	21 st February, 2017
8.	Environmental Crisis and Sustainable Development	JISCE, Kalyani	2 nd to 7 th September, 2019
9.	Refreshers course on “Avant-garde Theoretical Modelling and state of art experimental techniques in Nano Electronic Devices	JISCE, Kalyani	10 th to 20 th December, 2019

Seminar/Work shop/STTP/Industrial visit arranged:

Sl. No.	Name of the program	Number of days	Organizer	Year of the program
1.	3-Days Refresher Course	3 days	SIT	April, 2018
2.	National Seminar on “Challenges in Transportation Engineering”	2 days	SIT	April, 2018
3.	Industrial visit for 144 student	1 day	SIT	April 2018

Award, Achievements & Extra Curricular Activities:

- Awarded “ANKAN BIVAKAR” award for securing First Division with Distinction in painting by Bangiya Sangeet Parishad, West Bengal, 2007.
- Qualifying AIEEE exam with a state rank of 712 in 2008. Qualifying Gate Exam in 2012.
- Attended a One-Day Awareness Program on “Industry Oriented Piping Engineering” organized by National Institute of Technology, Silchar in Feb’ 2013.
- Get a certificate for presenting a seminar in STTP organized by SVNIT, Surat, 2014.
- Eligible for getting MHRD scholarship in Ph. D, 2014.
- Volunteer in-charge in SoCProS’14, organized by Springer, SCRS and NIT Silchar, 27th December to 29th December 2014.
- Have been a part of Junior Red Cross (of Indian Red Cross Society), Silchar Sub-Divisional Branch in social service for the cause of suffering Humanity, 2015.
- Participate and secured 1st position in an event “Smart City” in Tech Fest organized by NIT Silchar, 2016.
- Done 2 project using Total Station instrument (Surveying Instrument) associated with my supervisor, 2014-2016.
- Evaluate “The effect of side friction on traffic flow: A Case study in Silchar, Assam”, November, 2016.
- Organizing committee member in Research Conclave on Recent Innovations in Science and Engineering (RISE-2017), will be held from 24th to 26th March, 2017.
- Work in Editorial Board in Research Conclave on Recent Innovations in Science and

Engineering (RISE-2017), will be held from 24th to 26th March, 2017.

- Worked as a Session Chair in international conference ICIMSAT 2019 (<https://www.icimsat2019.com/>).
- Worked as a Session Coordinator in international conference I3SET2K19 (<http://www.jisi3set.in/>).
- Worked as the organizing member in international conference ICIMSAT 2019 (<https://www.icimsat2019.com/>).
- Worked as Publication committee member in international conference ICNNEE 2019 (<http://www.iconee2019.com/>).
- Worked as Publication committee member in international conference I3SET2K19 2019 (<http://www.jisi3set.in/>).
- Qualifying in AICTE Chhatra Viswakarma Award 2019 for Regional Convention and result is awaited for National Convention.
- Organize institutional essay competition during lock-down due to COVID-19.

Well Versed in:

Language	Read	Write	Speak
Bengali	Yes	Yes	Yes
English	Yes	Yes	Yes
Hindi	Yes	Yes	Yes

Personal Details:

Father's Name:	Mr. Haradhan Das
Mother's Name:	Mrs. Maya Das
Address:	Street no-87, Quarter no-26D, Simjuri, Chittaranjan
Post Office:	Chittaranjan
City:	Asansol
District:	Burdwan
Pin code:	713331
State:	West Bengal
Nationality:	Indian

Declaration:

I hereby declare that all the information furnished above is true to the best of my knowledge and bear the responsibility of the details

Place: Kalyani, West Bengal

Date:

(Dr. Debasish Das)