



# ER. DR. NILANJAN TARAFDER

ASSISTANT PROFESSOR, STRUCTURAL ENGINEER

## TEACHING EXPERIENCE (7 YEAR 06 MONTHS)

### ◆ Jadavpur University (JU), Kolkata [06 Months]

#### 1. Guest Faculty AUGUST, 2024 - PRESENT

- **Subjects Taught (B.Tech):** RC Design Sessional, Structures Sessional, Quantity Survey and Estimation.

### ◆ Swami Vivekananda University (SVU), Kolkata [1 Yr. 9 Months]

#### 1. Assistant Professor MAY, 2023 - PRESENT

- **Subjects Taught (Ph.D):** Finite Element Method.
- **Subjects Taught (M.Tech):** Advanced Structural Analysis, Advanced Structural Design, Structural Dynamics and Earthquake Engineering, Theory of Elasticity and Plasticity, Finite Element Method.
- **Subjects Taught (B.Tech):** Advanced Structural Analysis, Prestressed Concrete, Design of Steel Structures, Design of RC Structures, Structural Analysis-I, Structural Analysis-II, Building Construction Practice, Construction Engineering and Management, Environmental Engineering-I, Engineering Graphics, AutoCAD, STAAD.Pro.
- **Subjects Taught (Diploma):** Design of Steel Structures, Design of RCC structure, Theory of Structures, Construction Management, Water Resource Engineering.

#### 2. Faculty of Video Recorded Sessions for Official YouTube Channel & Mobile App of SVU JAN, 2024 - PRESENT

- **Subjects Taught (M.Tech):** Advanced Structural Design, Theory of Elasticity & Plasticity, Structural Dynamics & Earthquake Engineering, Advanced Structural Analysis, Finite Element Method.
- **Subjects Taught (B.Tech):** Advanced Structural Analysis, Prestressed Concrete, Design of Steel Structures, Design of RC Structures, Structural Analysis-I, Structural Analysis-II, Theory of Structures, Introduction to Solid Mechanics, Construction Engineering and Management.
- **Subjects Taught (Diploma):** Design of Steel Structures, Design of RCC structure, Theory of Structures, Mechanics of Materials, Construction Management.

### ◆ National Institute of Technology Silchar, Assam [5 Yr. 4 Month]

#### 1. Teaching Assistant JAN, 2018 - APRIL, 2023

- **Subjects Taught (M.Tech):** Advanced Concrete Technology, Concrete Lab, Structural Lab.
- **Subjects Taught (B.Tech):** Concrete Lab, Structural Lab.
- Provide help in guiding B.Tech & M.Tech students, Invigilator duties.

## PERSONAL PROFILE

📅 30th Sept, 1993

📞 7908130116 / 8900322684

✉ nilanjantf@gmail.com (Personal)

✉ nilanjant@svu.ac.in (Institute)

📍 Shitala Mandir Road

East Rabindra Nagar

P.O.- Rabindra Sarani

Siliguri-734006, West Bengal

## ACADEMIC PROFILE

### 1. PH.D (STRUCTURAL ENGINEERING) [2017-2023]

- NIT Silchar, Assam, India

### 2. M.TECH (STRUCTURAL ENGINEERING) [2015-2017]

- KIIT University, Bhubaneswar, Orissa, India

### 3. B.TECH (CIVIL ENGINEERING) [2011-2015]

- Sikkim Manipal University, Sikkim

## PHD THESIS TOPIC

Cyclic Behaviour of Eco-Fiber Reinforced SCC Bridge Piers with Partial Replacement of Sand using QRD

## M.TECH THESIS TOPIC

Dynamic Analysis of Laminated Composite Plates With Holes

## RESEARCH INTERESTS

- Advanced Concretes for Structures
- Performance of RC/Steel/Bridge Structures under Earthquake/Wind/Fire (Temperature) Loads
- Performance-Based Design of RC/Steel/Bridge Structures

## RESEARCH PROFILE

1. [Google Scholar Profile \(Link Embedded\)](#)
2. [ORCID ID: 0000-0001-7809-9790 \(Link Embedded\)](#)
3. [Scopus Author ID: 57201863131 \(Link Embedded\)](#)
4. [Web of Science/Publons Researcher ID: D-9249-2017 \(Link Embedded\)](#)
5. [Vidwan ID: 500300 \(Link Embedded\)](#)
6. [Academia Profile \(Link Embedded\)](#)

## SOFTWARE SKILLS

1. **ATENA:** Analysis & Design of Any Structures
2. **Abaqus:** Analysis & Design of Any Structures
3. **ANSYS:** Analysis & Design of Any Structures
4. **ANN:** Analysis of Any Structural Ingredient
5. **CSi Bridge:** Analysis & Design of Bridge Structures
6. **ETABS:** Analysis & Design of RC Structures
7. **SAP2000:** Analysis & Design of RC Structures
8. **SAFE:** Analysis & Design of Foundations
9. **RCDC:** Design & Reinforcement Detailing of Any Structures
10. **STAAD.Pro:** Analysis & Design of Any Structures
11. **AutoCAD:** Drawing and Drafting of Building Plans
12. **Microsoft Office Programs (Verified Badge by LinkedIn):** Well experienced with different types of write ups, data analysis, PPTs.

## LANGUAGE KNOWN

1. **Bengali:** Read, Write, Speak
2. **English:** Read, Write, Speak
3. **Hindi:** Read, Write, Speak
4. **Nepali:** Understand
5. **Oria:** Understand
6. **Assamese:** Understand

## TEACHING EXPERIENCE (7 YEAR 06 MONTHS) (CONTD...)

- ◆ **KMBB College of Engineering & Technology, Bhubaneswar, Odisha** [05 Months]
  1. Teaching Assistant FEB, 2017 - JUNE, 2017
    - Subjects Taught (B.Tech): Basics of Civil Engineering.

## INDUSTRIAL EXPERIENCE (7 YEARS 09 MONTHS)

- ◆ **Structural Designing and Planning** 2023 - PRESENT
  1. Planned, Designed and Sanctioned a total of 24,996 sq. m. or 2,69,054.704 sq. ft. area of RC Frame Structures.
- ◆ **Kolkata Municipal Corporation** 2023 - PRESENT
  1. Empaneled Structural Engineer Class II (Lic. No. ESE/II/779)
- ◆ **Swami Vivekananda University (SVU)** NOV, 2023 - PRESENT
  1. Assistant Site Engineer at SVU
    - Watching over construction related activities of SVU Constructions.
- ◆ **BS Projects & Engineers Pvt. Ltd., Kolkata**
  1. Structural Engineer DEC, 2017 - SEPT, 2023
    - Structural Design.
- ◆ **Kajal Consultancy and Construction, Silchar** SEPT, 2017 - MARCH, 2023
  1. Senior Engineer, Civil
    - Structural Design, Estimation, Planning, Drawing.
- ◆ **PLANTECH, Siliguri** MAY-JUNE, 2016 & MAY-JUNE, 2015
  1. Site Engineer, Civil
    - Supervision of sites.

## ADMINISTRATIVE RESPONSIBILITIES (1 YEARS 07 MONTHS)

- ◆ **External Question Paper Moderator** [01 Months]
  1. College name is Confidential (Dec, 2024)
- ◆ **Swami Vivekananda University (SVU), Kolkata [1 Yr. 7 Months]**
  1. Examination Coordinator: Dept. of Civil Engg. (June, 2023 - Present)
    - Organizing and handling all exams of the Dept. of Civil Engg. (All courses)
    - Issuance and handling of Registration Certificate, Student I'D Card related matters of the Dept. of Civil Engg. (All courses)
    - Managing and handling the student database, semester fee collection of the Dept. of Civil Engg. (All courses)
  2. B.Tech Program Coordinator: Dept. of Civil Engg., SVU (Oct, 2023 - Present)
    - Organizing and handling all issues for the students of the B.Tech course of the Dept. of Civil Engg.
  3. Faculty Incharge: Structural & Concrete Laboratory of Dept. of Civil Engg., SVU (June, 2023 - Present)
    - Setting up of Structural Lab and keeping regular maintenance
    - Setting up of Concrete Lab and keeping regular maintenance
    - Conducting consultancy-related tests and preparation of test reports

## HOBBIES (04)

1. Watching Movies & TV Series
2. Listening To Music
3. Meet & Interact with New People
4. Travelling

## GUIDANCE OF SCHOLARS (13)

1. PhD Scholars:
  - Completed: 00
  - Ongoing: 01
2. M.Tech Scholars:
  - Completed: 12
  - Ongoing: 10

## ACADEMIC FOREIGN VISIT (01)

- Singapore: ICCBM 2019 Conference held at National University of Singapore ( 24 - 27 January, 2019 )

## AWARDS (02)

- Best Paper Award in the 2nd International Conference on "Sustainable Construction Technologies & Advancements in Civil Engineering (ScTACE 2021)", Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh, India. (SCOPUS)
- Best Paper Award in the 8th International Conference on "Soft Computing for Problem Solving (SocProS 2018)", VIT University, Vellore, India. (SCOPUS)

## CITATION HISTORY

1. Citation of Published Papers: 56
2. h-Index of Published Papers: 04
3. i10-Index of Published Papers: 02

## Membership of Professional Bodies

No.	Name of The Professional Bodies	Membership No.
1.	Institute For Engineering Research and Publication (IFERP)	PM78410653
2.	International Association for Bridge Maintenance and Safety (IABMAS)	IMT71
3.	Soft Computing Research Society (SCRS)	2017-11-21-524
4.	American Society of Civil Engineers (ASCE)	10329418
5.	American Concrete Institute (ACI)	1597539
6.	Precast/ Prestressed Concrete Institute (PCI)	217607
7.	The Institution of Structural Engineers (ISE)	088407680

## Conference Organizing Member (Total = 03)

- **Organizing Committee Member** at the **International Conference on Advances in Engineering, Science and Management** organized by IFERP at Bangalore, India from 28-29 November, 2021.
- **Organizing Committee Member** at the **3rd International Conference on Multidisciplinary Innovation in Academic Research** organized by IFERP at Bangalore, India from 25-26 November, 2021.
- **Scientific Committee Member** at the **International Conference on Civil Engineering, Architecture and Sustainable Infrastructure** organized by IFERP at Babu Banaras Das University, Lucknow, India from 23-24 September, 2021.

## Journal Reviewer (Total Reviews: 54) (Cont.)

No.	Name of The Journal	Reviews	Indexing
1.	Structures - Elsevier	23	SCIE, Scopus
2.	American Concrete Institute (ACI) - Structural Journal	11	SCI, SCIE, Scopus
3.	American Concrete Institute (ACI) - Materials Journal	03	SCI, SCIE, Scopus
4.	Practice Periodical on Structural Design and Construction - ASCE	03	ESCI, Scopus
5.	Advances in Civil Engineering (ACE) - Hindawi	01	SCIE, Scopus
6.	Journal of Materials Engineering and Performance (JMEP) - ASTM	08	SCIE, Scopus
7.	Composite Interfaces (Taylor & Francis)	01	SCIE, Scopus
8.	Applied Organometallic Chemistry (AOC)	01	SCIE, Scopus
9.	Materials Today proceedings - Elsevier	01	Scopus
10.	Journal of Fine and Studio Art (JFSA)	02	Genamics Journal Seek

## Conference Reviewer (Total Reviews: 09)

No.	Name of The Conference	Reviews	Indexing
1.	International Conference on Electrical, Computer and Energy Technologies (ICECET) - Czech University of Life Sciences, Prague	01	IEEE/ Scopus
2.	International Conference on Materials Science and Manufacturing Technology (ICMSMT 2022)	02	Scopus
3.	International Conference on Recent Advancements in Civil Engineering (ICRACE 2021)	03	Scopus
4.	International Conference on Electrical, Computer, Communications, and Mechatronics Engineering (ICECCME-2021)	02	Scopus
5.	International Conference on Recent Advances in Materials and Manufacturing (ICRAMM-2020)	01	Scopus

## Book Chapter Publications (Total = 05)

- **Nilanjan Tarafder**, L. V. Prasad M., "P-M-M Interaction of Bridges having Different Construction Materials: CC, SCC & FRSCC", **Lecture Notes in Civil Engineering Book Series**, Vol. 274, Springer, Singapore, [https://doi.org/10.1007/978-981-19-4055-2\\_7](https://doi.org/10.1007/978-981-19-4055-2_7). (SCOPUS)
- **Nilanjan Tarafder**, Endow Mazumder, L. V. Prasad M., "Modal Analysis of Bridges with New Concretes: Replacing the Regular Construction Material under the Action of Seismic Load", **Lecture Notes in Civil Engineering Book Series**, Vol. 233. Springer, Singapore, [https://doi.org/10.1007/978-981-19-0189-8\\_34](https://doi.org/10.1007/978-981-19-0189-8_34). (SCOPUS)
- Endow Mazumder, **Nilanjan Tarafder**, L. V. Prasad M., "Mechanical Properties of an Industrial Waste Concrete with Self-Compacting Geopolymerization", **Lecture Notes in Civil Engineering Book Series**, Vol. 233. Springer, Singapore, [https://doi.org/10.1007/978-981-19-0189-8\\_37](https://doi.org/10.1007/978-981-19-0189-8_37). (SCOPUS)
- Meesaraganda L. V. P., Sarkar N., **Tarafder N.**, "Adaptive Neuro-Fuzzy Inference System for Predicting Strength of High Performance Concrete", **Soft Computing for Problem Solving, Advances in Intelligent Systems and Computing Book Series**, eBook ISBN: 978-981-15-0035-0, Vol. 1048, pp. 119-134, 2020, Springer Publication, [https://doi.org/10.1007/978-981-15-0035-0\\_10](https://doi.org/10.1007/978-981-15-0035-0_10). (SCOPUS)
- Meesaraganda, L. V. P., Saha, P., **Tarafder N.**, "Artificial neural network for strength prediction of fibers' self-compacting concrete", **Soft Computing for Problem Solving, Advances in Intelligent Systems and Computing Book Series**, eBook ISBN: 978-981-13-1592-3, Vol. 816, pp. 15-24, 2019, Springer Publication, [https://doi.org/10.1007/978-981-13-1592-3\\_2](https://doi.org/10.1007/978-981-13-1592-3_2). (SCOPUS)

## International Journal Publications (Total 08)

- **Nilanjan Tarafder**, L. V. Prasad M., "Seismic Response of Bridge Pier-Pile Cap Joints using Eco-SCC and Eco-BFRSCC: An Experimental Study", **Journal of Building Pathology and Rehabilitation**, Vol. 10, PP 1-14, September, 2025, <https://doi.org/10.1007/s41024-024-00508-1>. (SCOPUS)
- **Nilanjan Tarafder**, L. V. Prasad M., "Effect of Material Uncertainty on the Performance of Bridge's Pier-Bent Cap Joints under Cyclic Loading", **Canadian Journal of Civil Engineering**, Vol. 49, pp 1730-1746, August, 2022, <https://doi.org/10.1139/cjce-2022-0038>. (SCIE)
- **Nilanjan Tarafder**, L. V. Prasad M., "Seismic Endurance of Box-Girder Bridge With Different Piers", **Materials Today Proceedings**, Vol. 59, pp 227-232, November, 2021, <https://doi.org/10.1016/j.matpr.2021.11.099>. (SCOPUS)

## **International Journal Publications (Total 08) (CONTD...)**

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- **Nilanjan Tarafder**, L. V. Prasad M., "Seismic Performance of Box Girder Bridge with Non-Linear Static Pushover Analysis", **International Journal on Emerging Technologies (IJET)**, Vol. 11, Issue 2, pp 897-904, March, 2020. (SCOPUS)
- L. V. Prasad M., **Nilanjan Tarafder**, "Durability Studies of Environmental Friendly Self Compacting Concrete with and without Fiber", **Key Engineering Materials (KEM)**, ISSN: 1662-9795, Vol. 803, pp 207-215, May, 2019. doi:10.4028/www.scientific.net/KEM.803.207. (SCOPUS)
- **Nilanjan Tarafder**, R. Swain, "Durability and Case Study of Fiber-Reinforced Polymer (FRP)", **International Organization of Scientific Research-Journal of Mechanical and Civil engineering (IOSR-JMCE)**, Vol. 13, Issue 6, Version III, pp. 53-62, Nov-Dec, 2016, doi.10.9790/1684-1306035362.
- **Nilanjan Tarafder**, L. V. Prasad M., "A Review on Mechanical Properties of Magnesium Based Nano Composites", **AIP Conference Proceedings**, Vol. 1952 020069, 2018, ISBN 978-0-7354-1647-5, doi: 10.1063/1.5032031. (SCOPUS)
- **Nilanjan Tarafder**, K. Bhowmik, K. V. N. Kumar, "Earthquake Resistant Techniques and Analysis of Tall Buildings", **International Journal of Research in Engineering and Technology (IJRET)**, Vol. 4, Special Issue 13 (IC-ISE 2015), pp. 99-104, December 2015.

## **International Conferences (Total 13)**

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- **Nilanjan Tarafder**, L. V. Prasad M., "Seismic Endurance of Box-Girder Bridge With Different Piers", 3rd International Conference on "**Recent Advances in Materials and Manufacturing**", (ICRAMM 2021), D. Y. Patil College of Engineering and Technology, Kolhapur, Maharashtra, India, 25-26 November, 2021.
- **Nilanjan Tarafder**, Endow Mazumder, L. V. Prasad M., "Modal Analysis of Bridges with New Concretes: Replacing the Regular Construction Material under the Action of Seismic Load", **2nd International Conference on "Sustainable Construction Technologies & Advancements in Civil Engineering"**, (ScTACE 2021), Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh, India, 14-16 October, 2021.
- Endow Mazumder, **Nilanjan Tarafder**, L. V. Prasad M., "Mechanical Properties of an Industrial Waste Concrete with Self-Compacting Geopolymerization", **2nd International Conference on "Sustainable Construction Technologies & Advancements in Civil Engineering"**, (ScTACE 2021), Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh, India, 14-16 October, 2021.
- **Nilanjan Tarafder**, L. V. Prasad M., "P-M-M Interaction of Bridges having Different Construction Materials: CC, SCC & FRSCC", **1st International Conference on "Recent Advancements in Civil Engineering"**, (ICRACE 2021), National Institute of Technology, Silchar, Assam, India, 17-19 September, 2021.
- **Nilanjan Tarafder**, L. V. Prasad M., "Seismic Performance of Box-Girder Bridge with Different Piers", **2nd International Conference on "Materials Science and Manufacturing Technology"**, (ICMSMT 2020), Hotel Aloft, Coimbatore, Tamil Nadu, India, 09-10 April, 2020.
- L. V. Prasad Meesaraganda, **Nilanjan Tarafder**, "Durability Studies of Environmental Friendly Self Compacting Concrete with and without Fiber", **3rd International Conference on "Civil and Building Materials"**, (ICCBM 2019), National University of Singapore, Singapore, 24-27 January, 2019.
- L. V. Prasad Meesaraganda, Nilarghya Sarkar, **Nilanjan Tarafder**, "Adaptive Neuro-Fuzzy Inference System for Predicting Strength of High Performance Concrete", **8th International Conference on "Soft Computing for Problem Solving"**, (SocProS 2018), VIT University, Vellore, India, 17-19 December, 2018.

## **International Conferences (Total 13) (CONTD...)**

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- L. V. Prasad M., **Nilanjan Tarafder**, Ramanjanayulu, "Strength Study of Pavement with Self Compacting Concrete", **6th International Conference on "Contemporary Engineering and Technology"**, (IC CET 2018), Prince Shri Venkateshwara Padmavathy Engineering College, Chennai, Tamil Nadu, India, 10-11 March, 2018.
- L. V. Prasad M., Prasenjit Saha, **Nilanjan Tarafder**, "Artificial Neural Network for Strength Prediction of Fibres Self Compacting Concrete", **7th International Conference on "Soft Computing for Problem Solving"**, (SocProS 2017), IIT Bhubaneswar, Odisha, India, 23-24 December, 2017.
- **Nilanjan Tarafder**, L. V. Prasad M., "A Review on Mechanical Properties of Magnesium Based Nano Composites", **International Conference on "Electrical, Electronics, Materials and Applied Sciences"** (ICEEMAS 2017), Swami Vivekananda Institute of Technology, Secunderabad, Telengana, 22-23 December, 2017.
- **Nilanjan Tarafder**, "Improving Mechanical Properties and Development of Mg Composite with Different Nano-Particles under High Temperature", **International Conference on "Emerging Trends in Nanoscience and Nanotechnology"**, (ICETINN 2017), Sikkim Manipal Institute of Technology, Majitar, Sikkim, India, 16-18 March, 2017.
- **Nilanjan Tarafder**, R. Swain, T. Mohanty, "Durability and Case Study of Fiber-Reinforced Polymer (FRP)", **2nd International Conference on "Sustainable Energy and Built Environment"**, (ICES-2016), VIT University, Vellore, India, 10-12 March, 2016.
- **Nilanjan Tarafder**, K. Bhowmik, K.V.N. Kumar, "Earthquake Resistant Techniques and Analysis of Tall Buildings", **International Conference on "Innovations in Structural Engineering"**, (IC-ISE 2015), Osmania University, Hyderabad, India, 14-16 December, 2015.

## **National Conferences (Total 01)**

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- A. Singh, M. L. V. Prasad, **Nilanjan T.**, "Design and Comparison of Multi-storey Building Located in High Seismic Zone with IS-1893:2002 and IS -1893:2016 Using SAP2000", **The 16th Symposium on Earthquake Engineering**, (16SEE-2018), IIT Roorkee, India, 20-22 December, 2018.

## Career Development Programmes (Total Types = 05)

### 1. Faculty Development Programmes (Total = 42) [Important Ones are Listed Below]

No.	Name of The Topic	Organization	Initiative	Duration
1.	Innovation in Civil Engineering Materials & Techniques for Sustainable Development	National Institute of Technology, Silchar	AICTE-ATAL Academy	5 Days, Nov., 2021
2.	Effective Decision making for Professional Success	College of Engineering and Technology, Odisha	AICTE-ATAL Academy	5 Days, Aug., 2021
3.	Recent Advances in Earthquake and Environmental Engineering	NIT Silchar, Assam	TEQIP-III	5 Days, Sept., 2020
4.	Bridge Structures	SRM Institute of Science & Technology, Chennai	ICI	3 Days Aug., 2020
5.	Developments In Concrete and Construction	SRM Institute of Science & Technology, Chennai	ICI	7 Days, July, 2020
6.	Sustainable Environment - An Engineering Perspective, 2020	Assam Engineering College, Guwahati	TEQIP-III	7 Days, July, 2020
7.	Advances in Structural and Geotechnical Engineering	Government College of Engineering Kalahandi	TEQIP-III	7 Days, July, 2020
8.	Applications of Finite Element Analysis (FEA) & Computational Dynamics (CFD) using ANSYS	Government College of Engineering, Karad	TEQIP-III	5 Days, June, 2020

### 2. NPTEL (SWAYAM) Courses: Total Credit Earned = 15

No.	Name of The Course	Institute	Credit	Duration
1.	Developing Soft Skills and Personality	IIT, Kanpur	2	Aug-Oct, 2018
2.	Glass in Buildings: Design and Applications	IIT, Madras	3	July-Oct, 2018
3.	Effective Engineering Teaching in Practice	IIT, Madras	1	Feb-March, 2018
4.	Outcome Based Pedagogic Principles for Effective Teaching	IIT, Kharagpur	1	Feb-March, 2018
5.	Landscape Architecture and Site Planning - Basic Fundamentals	IIT, Kharagpur	2	Feb-April, 2017
6.	Introduction to Ancient Indian Technology	IIT, Kanpur	2	Feb-April, 2017
7.	Modern Construction Materials	IIT, Madras	3	July-Oct, 2016
8.	Earth Sciences for Civil Engineering	IIT, Kanpur	1	July-Aug, 2016

### 3. GIAN (Global Initiative of Academic Networks) Courses: Total Credit Earned = 7

No.	Name of the Topic	Institute	Credit	Duration
1.	Advanced Composite Structures	IIT, Kharagpur	2	17-27 Dec, 2016
2.	Conceptual and Structural Design: Lightweight Structures	IIT, Madras	1	26 Sept- 01 Oct, 2016
3.	Advances in Seismic Hazard Analysis and Soil-Structure Interaction	IIT, Madras	2	18-30 July, 2016
4.	Advanced Bridge Design and Construction	IIT, Madras	2	11-23 July, 2016

## Career Development Programmes (Total Types = 05) (Contd.)

### 4. Webinars (Total = 117)

Successfully participated and completed more than 100 webinar events organized by IFERP (Institute For Educational Research and Publication) & various Institutes including NITs, IITs.

### 5. Workshops & Short Term Courses (Total = 14)

No.	Name of the Topic	Organization	Duration
1.	Soft Computing Techniques in Civil Engineering: Structures, Water Resources, Geotechnical, Remote Sensing and Transportation Applications	Shri Vishu Engineering College for Women	07-12 Sept, 2020
2.	Indo-Canada SPARC Workshop on RF Energy Harvesting Systems	NIT, Silchar & DTU, India & QU, Canada	17-21 July, 2020
3.	Construction Materials and Methods in Civil Engineering	Dr. B.R.A. NIT, Jalandhar	25-29 Aug., 2020
4.	Effective Tools and Techniques in Qualitative Research	Dr. B.R.A. NIT, Jalandhar	10-14 Aug., 2020
5.	Modern Trends in Transportation System	NIT, Silchar	25-29 July, 2020
6.	Application of Remote Sensing and GIS in Civil Engineering	Dr. B.R.A. NIT, Jalandhar	04 July, 2020
7.	Research Areas in Civil Engineering	PEC, Tamilnadu	14-18 July, 2020
8.	Modern Construction Practices	PEC, Tamilnadu	5 days, July, 2020
9.	Hazard Mitigation of Onshore and Offshore Structures (HMOOS-2019)	NIT, Silchar	1 Week, April, 2019
10.	Earthquake Disaster Mitigation (EQDM-19)	NIT, Silchar	16-20 Jan 2019
11.	Innovative Construction Materials for Roads & Buildings (ICMRB-2018)	NIT, Silchar	09-13 Nov, 2018
12.	Advanced Composites: Mechanics and Applications	IIT, BHU	12-14 Dec, 2017
13.	Recent Advances in Earthquake Geotechnical Engineering	IIT, Bhubaneswar	30 Nov, 2016
14.	Life Enhancement of RC Structural Components through Repair and Retrofit	CSIR-SERC, Chennai	22-23 Sept, 2016

### Extra-Curricular Activities

No.	Achievements	Institute/Place	Duration
1.	Okinawa KARATE DO (GOJU-RYU) - 2nd Brown Belt	NIT Silchar, India (KAI,WKF,AKF,SAKF & GOI)	3 Year
2.	Senior Men's Kumite Event - secured 2nd Position	1st All Assam Goju Ryu Karate Championship, DSA Indoor Stadium, Silchar, India	26th Nov., 2017
3.	Co-ordinator during the Annual Civil Fest, 2014 (CELESTUS)	Sikkim Manipal Institute of Technology	April, 2014
4.	SEED School Teacher	EE Dept, SMIT, Sikkim	2013 -2014