

CURRICULUM VITAE

Name : SHILADITYA MANDAL

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ADDRSS:

FLAT 2F, BLOCK 1, SUNNY DEW APARTMENTS
971 MAJUMDER PARA, GARIA
KOLKATA- 700084 (W.B)

Current Location: KOLKATA(W.B)

Date of Birth: 1991-06-19

CARRER OBJECTIVE

I am to be with a futuristic, technology oriented organization whose environment is rich with challenges and instinctual stimulation. It should offer security and professional growth while being resourceful in order for me to achieve personal as well as organizational goals.

TECHNICAL QULIFICATION

Degree: Completed M.E from Birla Institute of Technology, Mesra in Civil and Environmental Engineering with 92.4%.

Degree/course	Institution	Board/university	Year of passing	Marks scored
M.E Civil Engineering(soil and geotechnical engineering)	Birla Institute of Technology, Mesra	Birla Institute of Technology	2016	9.24 CGPA
B. Tech Civil Infrastructure Engineering	SRM University, Chennai	SRM University, Chennai	2014	8.233 CGPA
Class 12 th (Higher Secondary)	Sunbeam English School, Varanasi,U.P	C.B.S.E Board	2010	86% (as calculated by the board)
Class 10 th (Secondary)	M.P.V.M Ganga Gurukulam	C.B.S.E Board	2008	88% (as calculated by the board)

WORK EXPERIENCE :

- **Organisation:** EMC Power, West Bengal
Client: Transmission Corporation of Andhra Pradesh (APTRANSCO)
Department: Currently working at 400/220 KV substation project at Podili and Sattenapalli, Andhra Pradesh.
Duration: August 2016 till January 2017.
Designation: Graduate engineer trainee (Civil).
- **Organisation:** Swami Vivekananda Institute of Science and Technology, Kolkata
Department: Civil Engineering Department
Duration: January 2017 till June 2018.
Designation: Assistant Professor
- **Organisation:** Narula Institute of Technology, Agarpara, Kolkata.
Department: Civil Engineering Department
Duration: January 2017 till August 2021.
Designation: Assistant Professor
- **Organisation:** Indian Institute of Technology, Madras.
Department: Civil Engineering Department
Duration: August 2021 till date
Designation: Full time Ph.D. research scholar

RESPONSIBILITIES :

- Planning and execution of day to day activities as per client plan.
- Levelling activities related to all earthwork.
- Preparation of bar bending schedules of all structural works.
- Maintenance of a pleasant relation amongst clients, contractor and subcontractors hence ensuring the progress of work.
- Execution and maintaining records of civil drawings.
- Maintaining records of test reports of civil works in accordance to the Field Quality Plan.
- Observation of activities regarding civil works in boundary wall, Control room building, switchyard, etc.
- Various coordinate marking and surveying related activities in the site using total station and GPS.
- Quantity estimation of all materials being used related to civil works.
- Participation in various Faculty Development Program held in the Civil Engineering Department, Narula Institute of Technology.
- Indulging in B. Tech projects regarding various disciplines in the field of civil engineering.

INDUSTRIAL EXPOSURE :

Industrial Training :

- **Organization:** ANADI PCCP Manufacturing Company Of Poles And Pillars, West Bengal
Department: poles and pillars manufacturing process.
Training duration: 21 days (2011)

Industrial Training

- **Organization : Simplex Infrastructures Ltd**, West Bengal
Department: construction of residential building project “Silver Oak Estate”.
Training duration: 15days (2013)

PROJECTS:

- **B.tech :** Analysis, design and comparison of a steel walkover bridge and a RCC subway at NH 45 near SRM University, Chennai.
- **M.E :** Behavior of eccentrically loaded square footings resting on rigid pile-reinforced soft cohesive soil.

SOFTWARE SKILLS :

PROGRAMMING : C++ (Basic concepts), MS office
DESIGN: AUTOCAD
ANALYSIS: STAAD PRO

EXTRA-CURRICULAR ACTIVITIES-

- Participated in sports meet in college level during a cultural fest “MILAN” and were runners up in the football tournament.
- Participated in various art competitions in Kolkata ,Nagpur and Allahabad and stood first.
- Participated in a shooting event held in a summer camp and stood first.
- Participated in inter house activities during college and school including dramas and plays.

RESEARCH ACHIEVEMENTS-

- “Experimental Investigation of eccentrically loaded piled raft resting on soft cohesive soil” in Indian Geotechnical Journal , Springer, DOI 10.1007/s40098-017-0235-9
- “To study the effect on bearing ratio of fine grained subgrade using waste EPS” under publication process, presented in 7th ICORAGEE 2021.

PERSONAL DETAILS-

Father's Name : Mr. Samir Mandal

Sex : Male.

Date of Birth: 19th June 1991

Marital Status: Single.

Languages known: English, French and Hindi, Bengali

Hobbies: Gym, reading books and history facts, playing football .

I hereby declared that all the information furnished above is true to the best of my knowledge.

Place:

(SHILADITYA MANDAL)

Date: