**CURRICULUM VITAE**

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**Sanjeeb Mohapatra**

**B. Tech Environmental Engineering**

**M. Tech Environmental Engineering**

**Mobile no.-09881149452**

**09019856664**

[**Email-** **sanjeeb\_sanjaya@yahoo.co.in**](mailto:Email-gmohapatra2009@gmail.com)

[**sanjedcool@gmail.com**](mailto:sanjedcool@gmail.com)

**Career Objective:**

I am highly interested in working under a learning atmosphere. It should also give me responsibility and opportunity to make a difference, as I believe challenges make me to deliver my best. My greatest asset is my sincerity, honesty and analysing capacity which helps in tackling the challenges to a meaningful conclusion and proper direction.

**Academic Profile:**

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| **Qualification** | **School/**  **College** | **Board/**  **University** | **Year of**  **Passing** | **% Marks/ CGPA** |
| HSC(Class-X) | Brajendra High School, Nayagarh | Board of Secondary Education (BSE), Orissa, India | 2005 | 87 |
| SSC(Class-XII) | Nayagarh College, Nayagarh | Council of Higher Education(CHSE), Orissa, India | 2007 | 80 |
| B. Tech | Eastern Academy Of Science And Technology | Biju Patnaik University of Technology, Orissa, India | 2011 | 8.35 |
| M Tech | Manipal Institute of Technology | Manipal University, Manipal, Karnataka, India | 2013 | 9.42 |
| PhD  (Environmental Engineering) | IIT Bombay | IIT Bombay | - | 8.25 |

**Technical qualification (SOFTWARES):**

* LOOP, QLOOP, SEPTRET, SEWER, WATPLANT, ZCALINE 4, RMAIN, DESKAR, Auto CADD, EPANET, ArcGIS, MATLAB.
* Computer knowledge: C, C++, Data Structure, RDBMS.
* Good command of Microsoft Office™ tools (Word™, Excel™ and power Point)

**Practical exposure:**

1. Familiar with working of Instruments Water Analyzer, UV-Visible Spectrophotometer, High Volume Air Sampler, Pollution Monitoring Kit, Gas chromatography, GC-ECD, GC-MS, Digital Lux Meter, Digital Noise Meter, Pressure and Flow Rate measurement etc.
2. Microbiologicaltechniques like cell culture.

**Training**

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| **Name and type of organisation providing education and training** | **Principal Subjects / Projects/ Occupational skills covered** | **Duration** |
| Natioanal Aluminium Company Ltd. (Training Institute) Smelter & Power Complex, Nalconagar,  759745 Angul (India) | Environment & Safety | 16/06/2009 - 15/07/2009 |
| State Pollution Control Board (Department Of Forest & Environment, Goverment Of Orissa)A/118,Paribesh Bhawan Nilakanthanagar, Unit-VIII, 751012 Bhubaneswar (India) | Evaluation Of Comprehensive Environmental Pollution Index (CEPI) | 10/03/2010 - 10/05/2010 |
| Lakshya, Bhubaneswar, Orissa | Advance C, C++ |  |
| National Institute of Technology, Suratkal, Karnataka. | Traffic noise and Annoyance | 1/6/2012-30/6/2012 |
| National Environmental Engineering Research Institute (NEERI), Nehru Marg, Nagpur-440020, Maharastra (India) | Performance Evaluation of Water Distribution System | 1/8/2012-31/7/2013 |

**Project:**

* A Report on Assessment of Water Quality of River Daya
* Removal Of colour, COD, Turbidity and TSS from textile wastewater.
* Entrepreneurship project on “Manufacturing of drinking Water by Reverse Osmosis Plant”.
* Performance Evaluation of a pilot water distribution in Nagpur is going on.

**Seminar Delivered:**

* Assessment of Water Quality of River Day.
* Electronic Wastes and Management.
* Agricultural and Zeolitic application of Flyash.
* Performance Evaluation of Water Distribution System using EPANET and ArcGIS.
* Water Resource Management: An Indirect approach through demand pattern and fractal analysis
* Evaluation of suitable coagulant for textile wastewater treatment
* Water Quality conservation through WQI, GIS and IFS

**Publications/Conferences:**

* S Mohapatra, M Basankopp and S Srihari, Public Perception and response to Traffic Noise Induced Annoyance: A case study at Manglore, India, NITK Research Bulletin, 21(2), 39-50 (2012).
* S Mohapatra, A Sarganokar, An Approach to Demand Pattern Estimation: Montecarlo Simulation and Fractal Analysis, Journal of Environmental Science and Engineering (Communicated).
* S Mohapatra, S Kamble, A Sarganokar and Sridevi H., Performance evaluation of a water distribution system using ArcGIS and EPANET, 13th ESRI india User Conference, (2012).
* Sanjeeb Mohapatra and A P Sargaonkar, Sustainable Water Resource Management: An Indirect approach through Demand Pattern & Fractal Analysis, Indo-Italian Workshop on Technological Solutions for Environmental Sustainability, NEERI, Nagpur, 2013
* S Mohapatra, S Nayak, T barik, D tarai and P Kumari, Evaluation of Suitable Coagulant for Textile Wastewater Treatment, International Humboldt Kolleg on Management of Water, Energy and Bio-resources in Changing Climate Regime: Emerging Issues and Environmental Challenges, 2013.
* S Mohapatra, S Kamble, A Sarganokar, P K Labhasetwar, S R Watpade and Sridevi H., Efficiency Study of a Pilot Water Distribution System Using EPANET and ArcGIS10, India Water Week, 2013).

**Other Achievements:**

* Got 1st prize in poster Presentation at 13th ESRI India User conference on Poster Presentation titled “Performance Evaluation of Water Distribution System using EPANET and ArcGIS 10”.
* University Topper in the branch of Environmental Engineering at undergraduate level in the year 2011.
* **NCC** (National Cadet Corpse) **A** and **B** certificates holder.
* Participated actively in Annual Training Camp organized by NCC and other camps organized by Junior Red Cross.
* Organized different conferences/events at College level.

**Assets:**

* Flexibility to adopt in any working codition.
* Willingness towards perfection and intime completion of assignments.
* Leadership quality

**Hobbies:**

* Painting, Trekking, Swimming, Bicycle Riding, Reading Novels, Playing Badminton and Table Tennis.

**Subject Specialization:**

I am interested in Water Distribution System operation, Water and Wastewater Treatment, Environmental Modelling etc.

**Personal details:**

* **Mother’s Name** : Sujata Mohapatra
* **Father’s Name**  : Gouranga Chandra Mohapatra
* **Date of Birth** : 13-07-1990
* **Sex** : Male
* **Nationality**  : Indian
* **Marital status** : Single
* **Languages**  : English, Hindi and Oriya

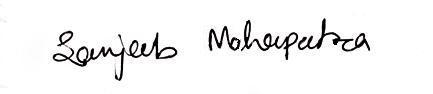
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| **PERMANENT ADDRESS:** | **CORRESPONDENCE ADDRESS:** |
| Sanjeeb Mohapatra  Lane No-4/4/1  Debottar Colony, | Sanjeeb Mohapatra  CESE, IITB |
| At/Po/Dist-Nayagarh,  PIN-752069, Orissa, India. | At/Po/Dist-Bombay,  PIN-400076, Maharastra, India. |

**Faculty Advisor**

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| **Dr. Lokesh P. Padhye**  **Professor** | **Dr. A P Sargaonkar** Principal Scientist | **Dr. K Balakrishna** Associate Professor |
| Indian Institute of Technology,  Bombay (IITB),  Maharastra, India | Environmental System Design and Modeling  National Environmental Engineering Research Institute, Nagpur  Maharstra, India | Department of Civil Engineering Manipal Institute of Technology Manipal University, Manipal  Karnataka, India |

**Declaration:**

I do hereby declare that all the information furnished above is true to the best of my knowledge and belief.

** Yours faithfully**

**Date: 27-02-2014**

**Place: Bombay (SANJEEB MOHAPATRA)**