



## Subrat Kumar Sahu, M.Tech.

**Designation** : Sr. Asst. Professor  
**Department** : Department of Electronics & Instrumentation Engg  
(JOINED THE INSTITUTE ON 1<sup>ST</sup> JULY 2006)  
**Contact** : (+91)8260333609-225/250 (O), (+91)9861263373 (M)  
**Email** : subratbsh@silicon.ac.in; subratksahu@gmail.com

### RESEARCH INTERESTS:

Greywater Treatment, Environmental Engineering

### Academic Qualifications

Ph. D. (Env. Engg.): KIIT University, Bhubaneswar, Odisha, India (Cont.)

M-Tech. (Civil Engg.): KIIT University

B.E. (Civil Engg.): Utkal University, Bhubaneswar

Diploma: Environment & Pollution Control

### Teaching Experience:

14 years in teaching Environmental Engineering & Safety, Environmental Studies & Health Care Engineering, Environmental Science & Engineering, Fluid Mechanics and Engineering Graphics.

**Industrial Experience:** One Year

### Research Experience:

**7 years** in the field of environmental engineering.

## PUBLICATIONS

---

### Journal&Conferences

- [1]. Greywater : Characterization & Utilization in Green Buildings, **S. K. Sahu**, Y. Priya and P. Saha, Journal of Energy Research and Environmental Technology , 2(2), 83-85,January-March (2015).
-

## ANY OTHER

**Conferences attended**

- International Conference on "Construction, Environment & Manufacturing Systems",
- 22nd - 24th Dec' 2004, KIIT University, Bhubaneswar.
- All India Seminar on "Modern Trends in Construction Technology & Management",
- 11th - 12th Nov 2005, Institution of Engineers (India) at Berhampur.
- National Conference on "Appropriate Technology & Management of Infrastructure in Disaster Prone Areas", 26th - 28th Jan 2007, KIIT University, Bhubaneswar.
- Short-term course on "Communication & Management Essentials", 2nd - 5th Nov 2007, IIT Kharagpur.
- Mission-10x Certification Program by Wipro Technology involving "Teaching methodologies & High Impact Presentation Skills", 12th - 16th Nov 2007, KIIT University.
- National seminar on "Impact Assessment Of Alternate Energy Sources (IAAES-08)", 30th January - 1st February 2008, Rajdhani Engineering College, Bhubaneswar.
- National seminar on "Advancement on IT - Its role for protection of Environment -Vision 2020", 21st February 2008, Rajdhani Engineering College, Bhubaneswar.
- Short-Term course on "Application of Fluidization Techniques to Waste Management & Energy Production", 17th - 21st March 2008, NIT, Rourkela.
- ISTE Short - Term Training Programme on "Seismic Resistant Design of Structure", 5th - 9th May 2008, CET, Bhubaneswar.
- National Seminar on "Energy & Environmental Impacts Related to Sustainability (EEIRS - 2010)", 15th - 16th January 2010, SOA university.
- FDP on "Environmental Safety", 3rd - 4th December 2010, Silicon Institute of Technology, Bhubaneswar.
- Seminar on "Professional Ethics & Human Values for Engineers", 17th - 18th December 2010, Silicon Institute of Technology, Bhubaneswar.
- Short - Term course on "Teaching Methodology" organized by NITTTR (National Institute of Technical Teachers' Training & Research), Kolkata, 28th October - 1st November 2013 at Bhubaneswar.
- Two -Week ISTE Workshop on "Engineering Mechanics", 26th November - 6th December 2013, IIT, Bombay at Bhubaneswar.
- Two -Week ISTE Workshop on "Fluid Mechanics", 20th May - 30th May 2014, IIT, Kharagpur at Bhubaneswar.
- Coordinators' workshop on "Environmental Studies", 23rd March - 27th March 2015, IIT, Bombay.
- Two -Week ISTE STTP on "Environmental Studies", 2nd June - 12th June 2015, IIT, Bombay at Bhubaneswar.
- Seminar ETEPC (Emerging Trends in Environmental Pollution & it's Control)-2015, 8th December 2015, SIT, Bhubaneswar.
- OEC (Odisha Environment Congress)-2015, 22nd December - 24th December 2015, Bhubaneswar.

- 19th Annual Faculty Convention of Indian Society for Technical Education (ISTE), Odisha section & National Seminar on Roll of Technocrats in Skill Development (NSRTSD-2016), 19th-20th November 2016, Trident Academy of Technology, Bhubaneswar.
- Workshop on "Train the Trainer", March Ahead Academy, 19th - 22nd June 2017, Silicon Institute of Technology, Bhubaneswar.
- AICTE QIP (Quality Improvement Programme) STC (Short Term Course) on Solid and Hazardous Waste Management, 26th June - 3rd July 2017, IIT, Kharagpur.
- Current Environmental Issues & Challenges - 2018 (CEIC 2018), 24th March 2018, Silicon Institute of Technology, Bhubaneswar.
- Presented a paper entitled "E Governance & Society" in the National Seminar on "Science for Society" on the occasion of the 20th Odisha Bigyan O Paribesh Congress, 17th -18th November 2018, NISER campus, Khordha.
- Online STTP on "Management Issues of Laboratory and Workshop Class", 4th - 8th Nov' 2019, NITTTR, Kolkata at SIT, Bhubaneswar.
- Seminar of 21st Odisha Bigyan 'O' Paribesh Congress, 23rd -24th Nov' 2019, ITER, Bhubaneswar.
- National Seminar on "Science and Technology, Rural Development", 13th - 14th Dec' 2019, KIIT, Bhubaneswar.
- Event TEDxSITB, 15th Dec' 2019, SIT, Bhubaneswar.
- Workshop TEQIP III (WQMAQA – Water Quality Monitoring, Analysis & Quality Assurance) Workshop 2020, 6th – 8th Feb'2020, Trident Academy of Technology, BBSR.
- One-week online STTP on "Environment and Sustainable Development", 20th - 24th April 2020, NITTTR, Chandigarh.
- One-week online FDP on Waste Management, 11th - 15th May 2020, NITTTR, Chandigarh.
- Webinar on Carbon emissions reduction during COVID-19 pandemic & its impact on the climate, 23rd May 2020, GIET BBSR.
- One-week FDP on evaluation and Setting of Question paper, 25th -29th May 2020, NITTR, Chandigarh.
- FDP on Effective Online Teaching: A Hands-on Workshop, 20th June 2020, by IIT, Bombay.
- An e-FDP on Application of remote sensing and GIS in Civil Engg., 7th - 10th July 2020, SIT Sambalpur.
- An e-FDP Waste Management under Covid-19 Pandemic Scenario by BPUT Odisha (KMBB) during 17th - 19th Aug 2020.

#### **Seminar/FDP Conducted**

- Conducted FDP on "Environmental Safety" on 3<sup>rd</sup> - 4th Dec' 2010, Silicon Institute of Technology, Bhubaneswar.
- Conducted Student workshop on "Environmental Engineering & Safety" on 16th February, 2011, Silicon Institute of Technology, Bhubaneswar.
- Conducted Two Week ISTE STTP on "Environmental Studies" by IIT Bombay under NMEICT as Course Coordinator, 2<sup>nd</sup> June - 12<sup>th</sup> June' 2015, Silicon Institute of Technology, Bhubaneswar.

- Conducted the seminar "Emerging Trends in Environmental Pollution & Its Control (ETEPC-2015)", 8<sup>th</sup> December 2015, Silicon Institute of Technology, Bhubaneswar.
- Conducted the seminar "Current Environmental Issues & Challenges - 2018 (CEIC 2018)", 24<sup>th</sup> March 2018, Silicon Institute of Technology, Bhubaneswar.