



Subrat Kumar Sahu, M.Tech.

Designation : Sr. Assistant Professor

Department: Department of Electronics & Instrumentation Engineering

(JOINED THE INSTITUTE ON 1ST JULY, 2006)

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RESEARCH INTERESTS

- ✓ Environmental Engineering

Academic Qualifications

- ✓ M-Tech.(Civil Engg.): KIIT University, Bhubaneswar, Odisha
- ✓ B.E. (Civil Engg.): IGIT, Sarang, Utkal University, Bhubaneswar, Odisha
- ✓ Diploma: Environment & Pollution Control

Teaching Experience/Industrial Experience/Research Experience

Teaching Experience:

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

Industrial Experience:

- ✓ 1 Year

Research Experience:

- ✓ 18 years in the field of environmental engineering.

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS:

- [1]. **S.K. Sahu**, Y. Priya and P. Saha, "Grey water: Characterization & Utilization in Green Buildings," Journal of Energy Research and Environmental Technology, Vol.2(2), pp83-85, January-March2015.

**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.
- AICTEQIP (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 (CEIC2018), 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, NITTTTR, 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.
- One day 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, NITTTTR, Chandigarh.
- One-week online FDP on Waste Management, 11th - 15th May 2020, NITTTTR, 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 Questionpaper, 25th -29th May 2020, NITTR, Chandigarh.
- FDP on Effective Online Teaching: A Hands-on Workshop, 20th June 2020, IIT, Bombay.
- An e-FDP on Application of remote sensing and GIS in Civil Engg., 7th -10th July 2020, SIT Sambalpur.
- An e-FDP on Waste Management under Covid-19 Pandemic Scenario, 17th - 19th August 2020, KMBB, BPUT, Odisha
- One-week online STTP on Renewable Energy Technology & Applications, 8th - 13th January 2021, KMBB, BPUT, Odisha.
- One-week online STTP on Analysis of Drinking Water Quality Parameters, 8th-12th November 2021, NITTTTR, Kolkata.
- Four-weeks online NPTEL-AICTE FDP on E-waste Management-Issues & Challenges, Jan-Feb 2022.
- One-week FDP on Accreditation Process & NBA, 17th- 21st January 2023, NITTTTR, Kolkata.
- One-week FDP on Development of Laboratory Instruction & Manual, 17th -21st July 2023, NITTTTR, Kolkata.
- 6th National Seminar on FMET, 29th -30th March 2024, Silicon University, Bhubaneswar.
- National Webinar on World Environment Day, 5th June 2024, S'O'A University, Bhubaneswar.
- 2-days AICTE workshop on Waste to Energy, 29th -30th July 2024, NITTTTR Kolkata Extension Centre Bhubaneswar.
- 3-days workshop on Aspects of Communication, 6th - 8th August 2024, Silicon University, Odisha.