



## Mr. Satyabrata Sahoo – M.Tech., Ph.D (Cont.)

**Name** : Satyabrata Sahoo  
**Designation** : Assistant Professor  
**Department** : Computer Science and Engineering  
(Joined the institute in 2021)  
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### AREAS OF INTEREST

Formal Languages and Automata  
Compiler Design  
Cryptography  
Data Structure & Algorithm Analysis  
Scalable DBMS  
Internet of Things  
QoS and Network Optimization

### ACADEMIC QUALIFICATIONS

Ph. D. (Continuing) VSSUT, Burla, Odisha, India  
M.Tech. (CSE) BPUT, Odisha, India  
B.E. (CSE) Utkal University, Odisha, India

### TEACHING /INDUSTRIAL/RESEARCH EXPERIENCE

May. 2021 - Present	Assistant Professor of CSE Silicon Institute of Technology, Sambalpur
Jan. 2018 – Apr. 2021	Assistant Professor of CSE Vikash Group of Educational Institutions, Bargarh
Sep. 2010 – Jan. 2018	Assistant Professor of CSE Gandhi Institute of Science and Technology, Rayagada
Jan. 2010 – Aug. 2010	Lecturer in CSE Veer Surendra Sai University of Technology (VSSUT), Burla
Dec. 2006 – Jan. 2010	Engineer in RADAR Systems Defence Research and Development Organization (DRDO)

### PUBLICATIONS

#### JOURNAL

1. "MANET Routing Protocols: A Review on Performance Issues and its Implications" has been published in International Journal of Advanced Computer Applications (IJACA) on March 2011 issue (Print) with ISSN No: 2231-251X, Volume-1/Issue-1, Pages:52-58.

**FDP/CONFERENCE/SEMINAR/SYMPOSIUM/WORKSHOP ATTENDED**

1. "Machine Learning, Artificial Intelligence in Image Processing using MATLAB and Xilinx System generator for DSP" by Kalpataru Institute of Technology, Tiptur, Karnataka. 22nd July to 3rd August, 2019.
2. "Artificial Intelligence" organised by National Institute of Technology, Warangal, AP. 22nd to 26th May, 2020.
3. "Internet of Medical Things: Challenges and Solutions", virtually organised by Region - IV, Computer Society of India (CSI). 17th to 22nd August, 2020.
4. "Emerging Technologies: Theory and Applications" at VSSUT Burla, Sambalpur, Odisha. 5th to 10th September, 2020.

**PROGRAMMES ORGANISED**

1. Convenor of FDP on "Recent Trends in Computer Science and Application" (RTCSA-2020) at Vikash Group of Institutions, Bargarh. 1st to 6th September, 2020.

**ACHIEVEMENTS**

1. Semester Question Paper Setter for OSOU, Sambalpur, Odisha. 2020 & 2021.
2. Member of Board of Studies for Computer Science, Sambalpur University, Odisha. 2019-2021.