



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY

Siddhi Vihar, P.O: Engineering College Burla, Sambalpur – 768018, India

Website: www.vssut.ac.in

Faculty Short CV

A. General Information

1. Employee Code : 141736
2. Employee Name : Laxmipriya Mohanty
3. Department : Civil Engineering
4. Designation : Assistant Professor
5. Date of Joining VSSUT(DoJ): 18/06/2014
6. Date of Birth (DoB) : 12/03/1987
7. Ph.D. Defence Year : 16/01/2024 from **IIT Hyderabad**
with university details
8. Research Interests : Sediment Modelling, River Hydraulics

B. Teaching – Learning Information

Academic Year	Subjects Taught		Any new course designed		Any new lab designed		Any Innovation done in Teaching-Learning
	UG	PG	UG	PG	UG	PG	
2023-24	FD, FM	AFM, GWH					
2022-23	BCE, BCE	AFM, GWH					
2021-22	FD, FM	AH, GWH					
2020-21	WRE, HS, FD	GWH					
2019-20	WRE, FD, BCE						

C. Publications:

1. # of papers during last 5 years:

Academic Year	SCI	SCOPUS	Conference	Book Chapter
2023-24		1	3	1
2022-23	1			
2021-22			3	3
2020-21		1		
2019-20			3	1
Total				

2. Top Ten Best Publications (in IEEE format with DOI)

- i) L. Mohanty, P. Istalkar and B. Biswal (2023) Dynamic aspects of suspended-sediment-concentration recession curves, Journal of Hydrology, Volume 617, Part C, 2023, 129107, ISSN 0022-1694, <https://doi.org/10.1016/j.jhydrol.2023.129107>
- ii) P.K. Mohanty, L.P. Mohanty & K.K. Khatua (2019) Discharge estimation in wide meandering compound channels, ISH Journal of Hydraulic Engineering, DOI: [10.1080/09715010.2019.1703834](https://doi.org/10.1080/09715010.2019.1703834)

- iii) L. Mohanty, K.C. Patra, K.K. Khatua & M. Patnaik (2014) Modelling the depth-averaged velocity in trapezoidal meandering channels, ISH Journal of Hydraulic Engineering, 20:1, 111-118, DOI: [10.1080/09715010.2013.857472](https://doi.org/10.1080/09715010.2013.857472)
- iv) M. Patnaik, K.C. Patra, K.K. Khatua & L. Mohanty (2014) Modelling boundary shear stress in highly sinuous meandering channels, ISH Journal of Hydraulic Engineering, 20:2, 161-168, DOI: [10.1080/09715010.2013.860733](https://doi.org/10.1080/09715010.2013.860733)

D. Sponsored Projects

Academic Year	Funding Agency	Amount	Duration	Status
2023-24				
2022-23				
2021-22				
2020-21	VSSUT TEQIP	45,000/-	1 year	Completed
2019-20				
Total		45,000/-		

E. Amount of consultancy (excluding testing)

Sl. No.	Title of Consultancy	Firm/Agency	Amount (₹) in lakhs	Status
Academic Year 2023-24				
Total Amount				
Academic Year 2022-23				
Total Amount				
Academic Year 2021-22				
Total Amount				
Academic Year 2020-21				
Total Amount				
Academic Year 2019-20				
Total Amount				

F. Patents/IPR Creation

Academic Year	National/International	Title	Date of Filing	Status
2023-24				
2022-23				
2021-22				
2020-21				
2019-20				
Total				

G. Collaborative Research

Academic Year	Intra-University Collaboration	Inter-Institute Collaboration	Industry Collaboration	Association with any CoE /Multidisciplinary
2023-24				
2022-23				
2021-22				
2020-21				
2019-20				
Total				

H. Welfare activities

Academic Year	Administrative Responsibilities at VSSUT	Any other Administrative Responsibilities	Student Welfare activities	Any other Welfare activities	Academic Responsibility
2023-24	University sports FA, University anti ragging committee member, FIC, EE Lab			Participated in 1 st yr UG induction program, Mentor of 20 number of CE students	Academic Coordinator, CE Department
2022-23	University sports FA			Participated in 1 st yr UG induction program, Mentor of 20 number of CE students	Academic Coordinator, CE Department
2021-22	FIC, Hydraulics flow lab		Coordinator of student's welfare, CE Department	Mentor of 20 number of CE students	Academic Coordinator, CE Department
2020-21	FIC, Hydraulics flow lab		Coordinator of student's welfare, CE Department	Mentor of 20 number of CE students	
2019-20	FIC, Hydraulics flow lab		Coordinator of student's welfare, CE Department	Mentor of 20 number of CE students	
Total					

I. Students Feedback Score (out of 10) in last 5 years

Academic Year	2023-24		2022-23		2021-22		2020-21		2019-20	
	Odd	Even	Odd	Even	Odd	Even	Odd	Even	Odd	Even
FD, AFM, FM, GWH	9.24, 8.31	9.82, 9.67								
BCE, AFM, BCE, GWH			8.82	8.94, 9.45						
FD, AFM, FM, GWH										
WRE, HS, FD, GWH							8.66,			
WRE, FD, BCE										

J. No. of PG & PhD Students Guided in last 5 Years (Continuing and Awarded)

Academic Year	No. of PG Students	No. of PhD Students	Status
2023-24			
2022-23	02		Completed
2021-22	02		Completed
2020-21	02		Completed
2019-20	02		Completed

K. Any other activities

1. Awards: Young Researcher Award (2023) by Institute of Scholars
2. Members of professional Bodies:
 - i) Life member of ISH Journal of Hydraulic Engg, T&F (LM-1497)
 - ii) Life Member of IndACM
 - iii) Member of Institution of Engineers (M-1782045)
 - iv) Life Member of Institute of Scholars (20235YRA7)
 - v) Member of International Association of Hydrological Sciences (IAHS)
 - vi) Reviewer in Materials Today proceeding
 - vii) Reviewer of InSc International Publishing Platforms and Technical Event
 - viii) Student Membership in ASCE (ID: 11885094)
 - ix) 15 days of Industrial Training in Hirakud Main Dam division, Burla (13th – 27th December, 2021)

(Signature of the Faculty)

NB: Faculty may add any other information related to their innovative activities which are not included in the list.