Curriculum Vitae

Smt. Minakshi Sahu
Ayodhya Nagar – 2nd Lane
Infront of Sale Tax Office
Berhampur – 760004,
Ganjam, ODISHA
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CAREER OBJECTIVE

I hope to work for an established university to become a successful expert person in this field by demanding and developing knowledge skills for personal and professional growth. As a college Asst. Professor with 14 years of teaching experience, I'm seeking the opportunity to work in an advanced position where I can apply my extensive knowledge of astronomy to reach the organization's goals and objectives of the computer science field.

PROFESSIONAL QUALIFICATION

- Pursuing **Ph.D. in Computer Science** entitled "A Multi-Level Security Framework Against Malicious Activity Using Wireless Sensor Network" at GIET University, Gunupur. I have already submitted the thesis. My defense Viva may be held within December, 2024.

- **M.Tech. in Computer Science** with 76.66% in 2009 from Berhampur University.

- **M.Sc. in Information Technology** with 86.08% in 2005 from Allahabad Agricultural Institute Deemed University, Allahabad.

- **A-Level** with B-Grade(75-85%) in 2002 from DOEACC Society, Govt. of India, New Delhi.

- **Bachelor of Science** degree in Mathematics, Physics & Electronic with Distinction in 1997 from Science College, Hinjilicut affiliated to Berhampur University.

PROFESSIONAL EXPERIENCE
- **Full Time**

Organization	Designation	Period		Duration
		From	**To**	
Roland Institute of Pharm. Sc., Berhampur	Computer Lab. Asst.	09-12-1997	31-07-2010	13 Years
Kalam Institute of Technology, Berhampur	Sr. Lecturer	01-08-2010	31-07-2011	1 Year
	Asst. Prof.	01-08-2011	Till date	

- **Part Time**
  - Guest Lecturer at Berhampur University for M.Tech. students.
  - Guest Lecturer at Roland Institute of Computer and Management studies for BCA students.
  - Guest Lecturer at Orissa Computer Academy, Berhampur for A-Level students.

AREA OF INTEREST   :

Database Management System, Computer Graphics, Operating System, Software Engineering, Software Project Management, Compiler Design, E-Commerce, Management Information System, IT for managers

PROJECT DETAILS
1. Network Intrusion Detection System using *JAVA*.
2. Automation of OSSPARC using *Visual Basic and Oracle.*
3. Inventory Control using *FoxPro*

LIST OF PAPERS PRESENTED IN SEMINARS/ CONFERENCE

1. Presented a paper entitled " Itracluster similarity of clique by positive & negative objects" at **National Seminar** on "Advanced Computing Techniques and applications", held at RIT, Berhampur on 1st & 2nd December, 2012.

2. Presented a paper entitled " Extracting Data by Neural Network using Data Mining Process" at **National Seminar** on "Advances in Information and Communication technology ", held at Berhampur University, Bhanja Bihar, Berhampur on 8th & 9th February, 2013.

3. Presented a paper entitled "Intrusion Detection System for High Performance Computing Environment" at **International Conference** on High Performance Computing and Applications, held at C.V.Raman College of Engineering , Bhubaneswar on 22nd to 24th December, 2014.

4. Presented a paper entitled "A Survey on Detection of Malicious Nodes in Wireless Sensor Networks" at **6th International Conference** on Trends in Electronics and Informatics (ICOEI-2022) organized by SCAD College of Engineering and Technology, Tirunelveli held on 28-30 April 2022.

5. Presented a paper entitled "MANDS: Malicious Node Detection System for Sinkhole Attack in WSN Using DRI and Cross Check Method" at **4th International Conference** on Computational Intelligence in Pattern Recognition (CIPR-2022) held on 23rd-24th April, 2022.

LIST OF PAPERS PUBLISHED :

- Paper entitled "A review on Intrusion Detection System and its Future" has published in **IJERT** (International Journal of Engineering Research & Technology), Volume 2, Issue 11 (November-2013).

- Paper entitled "Secure Data Transmission in Wireless Sensor Networks with Secure System for Identification of Trusted Route with Node Behavior Analysis." Revue d'Intelligence Artificielle (**IIETA**) Vol.36 No. 2, April 2022, pp 289-295.

- Paper entitled "NDTRA-MAT: A Novel Technique for Evaluating the Data Transfer Rate, Reducing the False Alarm Rate, and Avoiding Packet Droppings Rate against Malicious Activity in Wireless Sensor Networks." International Journal of Computer Networks and Applications (**IJCNA**) DOI : 10.22247/ijcna/2023/218507, Volume 10, Issue 1, January-February (2023).

LIST OF PAPERS COMMUNICATED :

Paper entitled "Trust-Based Approach to identify Session Hijacking Attempts in Wireless Sensor Networks" to **IJCNIS(Paper ID 0131**

LIST OF WORKSHOPS/SEMINARS PARTICIPATED

SL. NO.	DATE	WORKSHOP/ SEMINAR	TOPIC	PLACE
1.	5th-7th Sept.,2009	National Workshop	Advanced Operating System	Trident Academy of Tech., BBSR.
2.	8th-9th Oct.,2010	National Seminar	Recent Trend in Core Engg. & Technology	GIIT, Berhampur.
3.	15th-16th Jan.,2011	National Seminar	Recent Trends in Engg. Applications	Hi-Tech. College of Engg., BBSR.
4.	20th-21st April, 2012	National Seminar	Recent Advances in Sc. & Technology	GIIIT, Berhampur.
5.	9th-10th Feb., 2015	National Seminar	Emerging Trends in Communication & Network Virtualization	KIT, Berhmapur
6.	18th-23rd May, 2015	Faculty Development Programme	Research topics on Cloud Computing & Big Data	C.V.Raman College of Engg., BBSR
7.	12th Dec., 2015	Workshop	NPTEL	CUTM, Paralakhemundi
8.	15th-19th Jan., 2024	5 days Hands-on Workshop	Quantum Computing	GIET University, Gunupur

PERSONAL PROFILE

- Date of Birth : 14th October, 1976
- Sex and Marital Status : Female and Married
- Language Known : Hindi, English, Odiya and Telugu
- Permanent Address : W/o Sri Guru Charan Panigrahy,
  Near Narendrapur Hatta, Narendrapur,
  Via : Bhanja Bihar, Berhampur – 760007,
  Dist. : Ganjam, ODISHA.

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date:

Place: Berhampur   (**Minakshi Sahu**)