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### EDUCATIONAL QUALIFICATION

Exam Pass	Institution/University	Division
Ph.D.	Berhampur University	Continuing
MCA	IGNOU	First
MBA (finance Specialization)	Berhampur University	First
+3 Sc. (Botany Hons.)	Khallikote College	First

### DETAILS OF SERVICE

1. **Organization:** Khallikote Autonomous College Presently Working as a Computer Programmer (MCA Department), Khallikote Unitary University.

2. **Organization:** Roland Institute of Computer and Management Studies.

**Designation:** Lecture in Computer and Management Studies from 1998 to 2002.

**Job Profile :** I had been appointed as Lecturer for BCA and BBA courses. As a Lecturer, I was sincere and regular to my duties and devoting most of the time in the Institute for various work. In addition to teaching, I had been assigned with various co-curricular activities of the Institute like

- In charge of conduct of Internal/University exams.
- In charge of tabulation of Marks of different subjects.
- In charge of Department Administration, office work and Timetable preparation.

### SUBJECT TAUGHT

**Undergraduate Level (BCA IGNOU)** : Comp Fundamentals, C Language, DBMS, Oracle, Unix/Linux, Accounting, Business Law, C++, MSOFFICE.

**Post-graduate Level (MCA IGNOU)** : Comp Fundamentals, MSOFFICE, C Language, Oracle, Linux/Unix, C++, Java, Object Oriented Methodology and Design, Management Information System, Artificial Intelligence, Advance Java, Visual Programming, FoxPro, Tally Accounting Package, Numerical Analysis and Statistics, Operating System, Compiler Design, Computer Network.

### **PROJECT GUIDANCE(MCA/IGNOU)**

	Major	Minor
MCA	80	182
PGDCA/PGDIT	20	-----
BCA	16	

### **Participation in Seminars / National Conferences /International Conferences:**

- A) Participated in National workshop on open source, DB2 & IBM Technology held on 8<sup>th</sup>-9<sup>th</sup> July 2008 at RIT BY IBM.
- B) UGC sponsored workshop on female feticide issues and interventions on 9<sup>th</sup> May 2008 at Khallikote Autonomous College.
- C) National conference on Advanced Computing Tech & applications, 1<sup>st</sup> -2<sup>nd</sup> December 2012 organized RIT
- D) National Conference on National Computing Tech & Applications, 27<sup>th</sup>-28<sup>th</sup> December 2014.
- E) International conferences on Computational intelligence in data mining organized by R.I.T on 5<sup>th</sup> ,6<sup>th</sup> December 2015.

## Seminar Presentation in Various Colleges/Institutes

Seminar topic	Date of Seminar Talk	Name of the College/Institution
Emerging Trends in IT	12 <sup>TH</sup> Dec 2000	Roland Institute of Mgt. Studies
Role of IT in diff Areas	15 <sup>th</sup> Jan 2001	ICSS Institute, Berhampur
Employment opportunities in IT	20 <sup>TH</sup> Feb 2002	MCA Dept., Khallikote Auto. College
E-commerce and its Application	15 <sup>th</sup> Sep 2005	Commerce Dept, Khallikote Auto. College
Use of Internet and Intranet	20 <sup>th</sup> Jan 2006	PET Academy, Berhampur
SMS	10 <sup>TH</sup> Dec 2007	MCA Dept., Khallikote Auto. College
Virtual Keyboard	15 <sup>th</sup> July 2008	PGDIT Dept., Khallikote Auto. College
Virus and its types	5 <sup>th</sup> Jan 2009	MCA Dept., Khallikote Auto. College
Preprocessors in C Lang	10 <sup>th</sup> Mar 2010	PGDIT Dept., Khallikote Auto. College
4G Technology	16 <sup>th</sup> Nov,2012	MCA Dept., Khallikote Auto. College
Swarm Intelligence	19 <sup>th</sup> Feb, 2014	MCA Dept., Khallikote Auto. College
Cloud Computing	10 <sup>TH</sup> Jan, 2015	MCA Dept., Khallikote Auto. College

### PROJECT EVALUATOR (IGNOU)

I have been appointed as a minor project evaluator in IGNOU from the session 2007.

Extra-Curricular activities inside:

1. Member of women's Shakti Cell
2. Purchase committee Member
3. College website Administrator
4. Seminar in Charge MCA Dept.
5. Resource person of IGNOU for MCA/BCA since 2005.

## **Journals (International)**

1. Sahu I.K. & Das, S.K., “Feature Extraction and Analysis of MRI Images for Breast Cancer”, Research in Engineering, IT and Social Sciences, (2019) ISSN 2250-0588, Pp. 146-150, (UGC Approved, IF: 6.5)
2. Sahu I.K., Panda, G.K., & Das, S.K., “Application of Rough Set Theory in Medical Health Care Data Analytics”, Advanced Science & Technology, (2019), ISSN 2207- 6360, Pp. 29-42, DOI: <http://dx.doi.org/10.33832/ijast.2019.129.03> (SCOPUS)
3. Sahu I.K. & Das, S.K., “An Enhanced Medical Diagnostic Model based on Rough Granular Computing Approach”, High Technology Letters, (2021), ISSN 1006-6748, 27(2), Pp.378-390. DOI: <https://doi.org/10.37896/HTL27.212733> (SCOPUS, IF 2.7)
4. Sahu I.K. & Das, S.K., “Cognitive Properties of MADM and Hybrid Rough Sets for Efficient Healthcare Test Diagnosis”, Advanced Trends in Computer Sc.& Engg., (2021), ISSN 2278-3091,10(2), Pp. 1136-44. DOI: <https://doi.org/10.30534/ijatcse/2021/921022021>
5. Sahu I.K. & Das, S.K., “Adaptive Properties of Tolerance Rough Set in Healthcare feature selection and X-Ray analysis”, Advanced Trends in Computer Applications,, (2021) ISSN 2395-3519, 8(1),, Pp 24-35. (Thomson Reuters, SJIF:5.048)
6. Sahu I.K., Panda, G.K., & Das, S.K., “A Rough Set Approach for Knowledge Acquisition on Vector-Borne Diseases ”, ICACCP-19. DOI: 10.1109/ICACCP.2019.8882970, IEEE, (SCOPUS)

## **Conferences (International ) & Seminar (National):**

7. Sahu I.K., Panda, G.K., & Das, S.K., “Rough Set Classification and Performance Analysis in Medical Health Care”, ICACIE-2019, Progress in Advanced Computing and Intelligent Engineering. Advances in Intelligent Systems and Computing, vol 1199. DOI: [http://doi.org/10.1007/978-981-15-6353-9\\_37](http://doi.org/10.1007/978-981-15-6353-9_37), Springer (SCOPUS)
8. Sahu I.K., Panda, G.K. & Das, S.K., “Rough Sets in Disease/Cancer Predictions”, National Seminar on Innovative Applications of Information Technology, (2019), (UGC Sponsored