

Curriculum Vitae – Gaytri Kumari Gupta

Ph.D. (Computer Science and IT), CBSE UGC NET (Computer Science and Applications) MCA, teaching experience more than 12 years.

PERSONAL PROFILE

Gaytri Kumari Gupta
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Summary of Work Profile:

- Teaching Faculty at Department of Computer Science BBMkU, Dhanbad.
- Worked as a Faculty at B.Sc. IT (UG) Course, Jamshedpur Women's College, Jamshedpur.
- Worked as a Guest Faculty at PG level (MCA) since 2012 to 2014 at Jamshedpur Women's College, Jamshedpur.
- Worked as a Head Examiner (JAC) for the Evaluation of Answer sheet of intermediate level exam.
- Worked as a Subject Expert in the Board of Studies committee meeting of BCA and B.Sc. IT Courses.
- Worked as a Trainer in DIGITAL LITERACY Course under NUSSD Programme of TISS (Tata Institute of Social Services) since year 2015 to 2016.

List of publications:-

Journal Publication

- *FORMATION OF FAULT AND BALANCED RING FOR FAULT TOLERANCE IN DMESH NETWORK, Journal of the Institution of Engineers (India): Series B, 2021.*
- *Gaytri kumari Gupta, sudhanshu kumar jha, "Fast All Sum Algorithm Over 2D-Mesh Network", Journal of Recent Trends in Parallel Computing, volume 5, Issue 3, page no. 37-43 (2018).*
- *Gaytri Kumari Gupta, Sudhanshu Kumar jha. Fast All Sum Algorithms on Mesh of Trees and Multi-Mesh of Trees architecture. Current Trends in Information Technology, 2020; 10(2): 6-11p.*

- Gaytri Kumari Gupta, Sudhanshu Kumar Jha, *Parallel Algorithms for Mean, Variance, and Standard Deviation over a 2D-Mesh Network*, *Recent Trends in Parallel Computing* 6 (3), 17-22.

Conference Publication

- Gaytri Kumari Gupta, Sudhanshu kumar jha, "Intelligent Routing based on ACO technique for fault ring in 2D-Meshes", *International Journal of Computer Engineering and Applications*, Volume XII, Special Issue, August 18, ISSN 2321-3469.
http://www.ijcea.com/wp-content/uploads/2018/08/Ant_colony_optimisation_final.pdf.
- Gaytri Kumari Gupta, Sudhanshu kumar jha, "APPRAISAL OF 3D-NETWORK-ON-CHIP ARCHITECTURE AND CONTRIBUTIONS", *International Journal of Computer Engineering and Applications*, Volume XII, Special Issue, August 18, www.ijcea.com ISSN 2321-3469.
http://www.ijcea.com/wp-content/uploads/2018/08/3D-NoC_RVS_international2017.pdf.
- Gaytri Kumari Gupta, Sudhanshu kumar jha, "New Interconnection Networks: A survey", *International Journal of Research in Engineering, Technology and Science*, Volume VI, Special Issue, July 2016, ISSN 2454-1915.
<http://www.ijrets.com/wp-content/uploads/2016/12/16031411123.pdf>

Book Chapter publication

Title: - "Women Professionals and Engineers around the world"
Article published in a science magazine "SCI-SPECTRUM" owned by
Jamshedpur Women's College, Jamshedpur, page No. 267-274, ISBN NO.: 978-81-924278-1-2, 2017.

I have worked as an **Organizing Secretary** in two days National Seminar on theme "Emerging Paradigms in computer science and information Technology 2017" organized by dept. of Computer Science, Jamshedpur Women's College, Jamshedpur

Teaching Experience:

Teaching Faculty at Jamshedpur Womens College, Jamshedpur: 01-12- 2009 to till date.

Deptt: BCA/B.Sc. (IT).

Subjects:

- DBMS
- Operating System
- Linux - Practical lab
- Computer Fundamentals
- Hyper text Markup Language(HTML)
- Data Communication and Computer Networks (DCCN).

- C Programming Language
- Microsoft Visual Basic 6.0
- Web Technologies
- Database Handling and Methodology

Deptt: MCA

Subjects:

- DBMS
- Numerical Computing.
- C Programming Language

Deptt: M.Sc. Chemistry

I have been taking classes in the dept. of Chemistry at PG Level, paper titled “**Computer for Chemist**” since 2008 to till date at Jamshedpur Women’s college, Jamshedpur.

Academic Project and Training- Final academic year

- **CRM Training Management System**

Role in the project: Analysis of the work done on Skill enhancement process for Employees and developing related software.

Project Summary: The project was developed to store the details of employees of the CRM department of TATA STEEL Company, and automated different Skill Enhancement program of the company .it provides different summary or Report whenever needed.

- Participated & completed successfully the on-job-training held at KIIT, Bhubneshwar & RJSM, and Balasore from 16/03/2002 to 15/04/2002.
- Participated & completed successfully Training of Trainers Programme on “Digital Literacy” held from 09th November 2014 to 11th November 2014 at Kejriwal Institute of Management and Development Studies, Ranchi.

Education

- PhD (Computer Science and IT).
- MCA (Master of Computer Application) from Indira Gandhi National Open University, June 2009 with 63.11 % (1st Division).
- PGDCA passed with 62.7 % (1st divisions).
- BCA passed with 76.00% (1st Division) from Mahila College, chaibasa, Ranchi University.
- 12th (B.I.E.C.) Passed with 50.28 % (2nd Division) from Mahila College, Chaibasa.
- 10th (B.S.E.B.) Passed with 50.00% (2nd Division) from Govt. Girl’s High School, Chaibasa.

Extra curricular activities

- Active participation in Painting competition and have won several school and college level prizes.
- Active participation in debates and essay writing competition at college level.

Referees

1. Dr. Sudhanshu Kumar Jha, Assistant Professor, Department of computer science, university of Allahabad. Email: sudhanshukumarjha@gmail.com Mobile:- 9470311972
2. Dr. Danish Ali Khan, Professor, Department of Computer Applications, National Institute of Technology, Jamshedpur, Mob. 9835546792, dakhan.ca@nitjsr.ac.in .

DECLARATION

I declare that the information furnished above is true to the best of my knowledge and I wish to work in a challenging environment driven by technology and passion.

Place: Jamshedpur

**(Gaytri Kumari Gupta)
Signature**