

CURRICULUM VITAE

RAJIV RANJAN

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OBJECTIVE

To get responsible & challenging position that will allow me to explore my abilities, skill & sense of dedication towards my duties with a sole aim of seeing the progress of Institution & to adopt the challenging global scenario.

WORK EXPERIENCE 7yrs+

1. Working as **Assistant Professor** in **Birsa Institute of Technology** formerly known as Bihar Institute of Technology (Govt. of Jharkhand), Sindri, Dhanbad, Jharkhand (NBA Accredited College) since 31st 2012 to till date.
2. Employed as **Assistant Professor** in **Ideal Institute of Technology**, Ghaziabad, Delhi NCR, U.P (NBA Accredited College) since 18th Jan 2011 to 17th Jan 2012.
3. Employed as **Lecturer** in **Subharti Institute of Technology & Engineering** (Swami Vivekanand Subharti University), Meerut, U.P, since 1st Aug 2010 to 17th Jan 2011.
4. Employed as **Lecturer** in **R.P Sharma Institute of Technology**, Patna, and Bihar since 2nd April 2007- to 31st July 2008.

PROFESSIONAL QUALIFICATION

Name of Examination	Name of School/College	Board/University	Percentage	Division
PhD(CSE) (Mid 2013-till date)	IIT(ISM)Dhanbad	IIT(ISM)Dhanbad	N/A	Pursuing
M.Tech(CSE- Information Security) (2008-2010)	Ambedkar Institute of Technology, Delhi	G.G.S Indraprastha University, Delhi	80	1 st Class With Distinction
BE(Information Technology) (2006)	R.P. Sharma Institute of Technology, Patna	Magadh University, Bodh Gaya	78	1 st Class With Distinction

EDUCATIONAL QUALIFICATION

Name of Examination	Name of School/College	Board/University	Percentage	Division
12 th	Gulab Memorial College,Bettiah	B.I.E.C, Patna	59	2 nd Division
10 th	High School Nawalpur	B.S.E.B, Patna	68	1 st Division

COURSES TAUGHT AT M.TECH LEVEL

Cryptography, Advanced Networks and Mobile & Wireless Network Security.

COURSES TAUGHT AT B.TECH LEVEL

C & C++ Programming, Data Structure, Design & Analysis of Algorithm, Graph Theory, Operating System, Data Base Management System, Computer Communication & Networks, Cryptography & Network Security, Information Security & Cyber Laws.

PUBLICATION

International Journals: 05

1. Rajiv Ranjan,Khaleel Ahmad,Jayant Shekhar and K.P Yadav,“**IP Spoof Prevented Technique to Prevent IP Spoofed Attack**” in International journal VSRD-TNTJ, Vol.1 (3), pp. 173-177, 2010(ISSN No: 0976-7967).
2. Rajiv Ranjan, Naresh Trivedi and Anoop Srivastava, “**Mitigating of Black Hole Attack in Manets**”, in International Journal, VSRD- IJCSIT, and Vol. 1 (2), pp. 53-57, 2011(ISSN No: 2231-2471).
3. Rajiv Ranjan and Arup Kumar Pal, “**Logistic Map Based Encryption Algorithm for Image Encryption**”, International Journal of Information Technology and Systems (IJITS), Vol. 1; No.2, 2012(ISSN 2277-9825).
4. Rajiv Ranjan,Pankaj Rai and K.P Yadav,“**Modified Asymmetric Cryptographic Algorithm**”, International Journal of Research in Engineering, Technology and Science,Vol.6,Special Issue,2016(ISSN 2454-1915).
5. Rajiv Ranjan, Abir Mukharjee, “**Entropy Coding Based Image Compression**”, International Journal of Engineering Science Invention Research & Development; Vol.III, Issue. V, pp. 1-4, 2016(ISSN 2349-6185).

International Conference: 03

- 6. "Combinational Approach to Mitigate SQL Injection Attacks"**
International conference on Graphics & multimedia SymposiumGMS'10, Malaysia (2010), page: 09-11, ISBN 978-967-5770-09-8(Selected in best 5 papers).
- 7. Rajiv Ranjan and Arup Kumar Pal, "Encryption of Image using Chaotic Map",** International Conference on Recent Trends in Engineering & Technology, (ICRTET), 2012(ISBN: 978-81-925922-0-6).
- 8. "Modified Asymmetric Cryptographic Algorithm",** International Conference on Recent Trends in Computer Science & Technology, Apr-16, RVSCET, Jamshedpur, P-49.

National Conferences: 02

- 9. "Preventing & Detecting IP Spoofed Attack by RSA Cryptosystem"**
National Conference INDIACOM-2010 at BVICAM, New Delhi (India).Feb 25-26, 2010, Paper no: 331, page no: 1-5, ISSN 0973-7529, ISBN 978-93-80544-78-6
- 10."A Potential Solution to Mitigate IP Spoofed Attack"** National Conference NCEECS-2010 at Devi Ahilya University, Indore, 2nd -3rd Apr 2010, page no: 65-69.

National Seminars: 05

- 11. "A Solution to the Mitigate the Buffer Overflow Vulnerabilities"**
National Seminar on Challenges and Issues in Information Technology & Networks-IIMT Meerut (India) held on 23-24 April 2010.
- 12. "A path based solution to mitigate IP Spoofing attack"** National seminar on Nuclear power programme Challenges & opportunities- INCO 2012, Apr 14-15 2012, P46.
- 13. "Climate Change Adaptation and Mitigation",** National Seminar on EIPCM, Feb-16, BIT Sindri, P-67.
- 14. "The Effects of Environmental Air Pollution",** All India Seminars on RAMM, Feb-14, BIT Sindri, P-49.
- 15. "Knowledge based Energy and Environmental Sustainability",** National Seminar on EES-13, BIT Sindri, P-74.

FACULTY DEVELOPMENT PROGRAM

Sl. NO.	Session	Course Attended	Date of course attended		Week/day
			From	To	
1.	2007-08	Network & Information Security NIT, Patna	17.06.2008	30.06.2008	2 week
2.	2008-09	Workshop on SPSS Clementine AIT, Delhi	27.02.2009	----	1 day
3.	2012-13	Mat lab and Simulink for Engineering Applications, IIT(ISM),Dhanbad	24.06.2013	29.06.2013	1 week
4.	2013-14	Intellectual Property Rights BIT Sindri	26.10.2013	----	1 day
5.	2013-14	Information and Network Security IIT(ISM),Dhanbad	14-03-2014	15-03-2014	2 day
6.	2014-15	Digital Image Processing and Its Applications IIT(ISM),Dhanbad	26.12.2014	30.12.2014	1 week
7.	2015-16	Personality Development BIT,Sindri	26.10.2015	06.11.2015	2 week
8.	2015-16	Exposure on Mat lab NITTTR,Kolkata	13.06.2016	24.06.2016	2 week

WORKSHOPS

1. Participated in the **Workshop on SPSS Clementine** Organized by SPSS South Asia, Bangalore & Department of Computer Science & Engineering, Ambedkar Institute of Technology, Delhi.
2. Dale Carnegie Training on "**High Impact Teaching Skills**" Organized by Wipro Technology, Bangalore.

CERTIFICATES

1. Successfully completed the Mission 10X Learning Approach Practitioners Certificate.

AWARDS

1. Mission 10X Certificate in Teaching and Learning is awarded by Wipro Technologies, Bangalore towards **"In Pursuit of Excellence in Engineering Education through Innovation"**.
2. Awarded to Coach at Asia Amritapuri First Round Online Programming Contest Hosted by AMRITA University for International Collegiate Programming Contest.

Invited/Keynote address in Conference/Seminar/Symposia

1. Invited at International Conference on Recent Trends in Computer Science & Technology, Apr-16, RVSCET, and Jamshedpur.
2. Worked as a Resource Person at workshop in Computer Science.
3. Participation at FICCI Innovation Growth Programme 2014, Hotel Green Horizon, Ranchi
4. Speaker in workshop on Best Practices for citizens/employees on Monday July 6th 2015 as part of Digital India Week Campaign.
5. Participation at workshop on Digitization of Institutions, ATI, Ranchi.

MEMBERSHIP

1. Indian Society for Technical Education (**ISTE**), Life Member, Membership Number-LM-108927.
2. VSRD International Journals , Life Member, Registration Number: VSRIRM0030.
3. The i-Explore International Research Journal Consortium (IIRJC), Membership Id-14002.
4. Science and Engineering Institute (SCIEI), Hong Kong, Membership Number-201611090001
5. Member of Editorial Board of VSRD International Journals.
6. Member of Review panel of "KSII Transactions on Internet and Information Systems", online scholarly journal indexed in SCIE (**Thomson Reuters**) and Scopus (**Elsevier**).
7. Member of International Programme Committee of 1st International Conference On Computer and Electronics Engineering 2016, (ICCEE-2016) 9th and 10th

- JAN, 2016. Proceeding published by MC Graw Hill Education.
8. Member of web management committee at National Seminar on "India Nuclear Power Programme: Challenges and Opportunities-INCO-12".
 9. Member of Registration committee at National Seminar on "Energy and Environment for Sustainability (EES-2013).
 10. Member of Convener committee at National Seminar on "Environmental Issue, Protection Conservation and Management (EIPCM-16).

COMPUTER SKILLS

Languages: C, C++, Core-JAVA, VC++,MATLAB

Platforms : UNIX, Linux, Windows 98/2000/XP/2007/VISTA

Database : Oracle

DISSERTATION

TITLE: - To Mitigate the effect of IP Spoofing Attack

DESCRIPTION:-

IP Spoofing is one of the major threats in the Internet World. I have used CRYPTOGRAPHY AND MARKING BASED DETECTION & FILTERING SYSTEM to prevent the Internet from IP Spoofing attack.

PROJECT WORK

TITLE: - Banking System

DESCRIPTION:-

The project is created with the aim of maintaining some common facilities provided by State Bank of India. It can create a new account with minimum deposit of Rs.500 .It maintains a log file of various operations done on every account. It can display complete list of accounts along with account holder's profile. It also provides cash withdrawal and deposit facilities associated with account .It can also add interest on deposit, automatically after specified period. Employee of bank is able to modify account holder's personnel profile.

ACHIEVEMENTS AND APPRECIATION

- Scored 92% percentile in C-DAC (Formerly NCST) CST G-Level Examination.
- Top Ranker of G.G.S Indraprastha University, Delhi.
- Distinction, in all Year in BE [Information Technology] Magadh University.

Administrative responsibilities

1. Prof-In-Charge, Leo Club.
2. Asst. Prof-In-Charge, Gardening
3. Departmental Coordinator, TPO
4. Asst. TPO
5. Participated as a Member of a committee at Higher & Technical Education for specification final of machine to use in Engineering and Polytechnics colleges for smart class room.
6. Interview Board member of BIT for selection of PTL in CSE & IT Branch
7. Interview Board member of Bhaga Polytechnic for selection of PTL
8. Member of Disciplinary committee at karma-mahotsava-13, BIT Sindri
9. Acts as Judges at District Level, Science Exhibition organized by DEO, Dhanbad
10. Questions Setter of B.Tech Programme for different universities.
11. External Examiner of viva-voce Examination for B.Tech Programmes of different engineering colleges of Jharkhand.
12. Member of Disciplinary committee for first year student to prevent them from ranging, (from seniors).

PERSONEL DETAILS

Date of Birth : 20 Nov 1979
Nationality : Indian
Hobbies : Web Browsing, Traveling, Reading Computer Books
Languages Known : English and Hindi
Address : Quarter no: O-46, B.I.T Sindri, and Dhanbad-828123.

REFERENCES

Dr. Vishal Bhatnagar
Assoc. Professor & Head (CSE) |
AIACTR (Formerly-AIT)
Geeta Colony, Delhi-31(India)

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Place: Sindri, Dhanbad, Jharkhand, India
Date:

(Rajiv Ranjan)