

Department of Information Technology (Resume of Teaching Faculty)



(1) Personal Details

Name : BIPIN KUMAR RAI
Gender : MALE
Date of Birth : 15/07/1983
Father's Name : Dr. SHRI PRAKASH RAI
Mother's Name : Smt. GITA RAI
Marital Status : SINGLE
Phone No./Mobile No. : 9454285149
E-mail ID : bipin.rai@abesit.in
Date of Joining : 31/07/2013
Designation : Associate Professor

(2) Educational Qualificati

Doctorate Degree	University/Institution	Year
Ph.D.(CSE)	Banashthali University	Thesis Submitted in August 2018
Thesis/Dissertation Title	Patient Controlled Pseudonymization based solution for EHR	

Master Degree	University/Institution	Year	Marks (%)	Div	Subject
M.Tech.(CSE)	Rajiv Gandhi Technical University, Bhopal, MP	2009	73.5%	Ist	Computer Science & Engineering
Thesis/Dissertation Title	An optimized solution for certified e-mail with trusted third party				

(3) Research/Industrial Experience/ Teaching Experience Total Experience: 13 years

Research Publication

Sr. No.	Year	Title	Journal	Author/Co-Author	Impact Factor
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1.	July 2017	Prototype Implementation of Patient controlled Pseudonym-based mechanism for Electronic Health Record (PcPbEHR)	International Journal of Research in Engineering, IT and Social Sciences, ISSN 2250-0588 Volume 07 Issue 07,	Bipin Kumar Rai / Dr. A. K. Srivastava
2.	February 2017	Patient controlled Pseudonym-based mechanism suitable for privacy and security of Electronic Health Record	International Journal of Research in Engineering, IT and Social Sciences ISSN 2250-0588, Volume 07, Issue 2,	Bipin Kumar Rai / Dr. A. K. Srivastava
3.	July-August 2016	Pseudonymization Techniques for Providing Privacy and Security in EHR	International Journal of Emerging Trends & Technology in Computer Science ISSN 2278- 6858, Vol 5, Issue 4	Bipin Kumar Rai / Dr. A. K. Srivastava
4.	Dec 2014	Security and Privacy issues in healthcare Information System	International Journal of Emerging Trends & Technology in Computer Science ISSN 2278- 6858, Vol 3, Issue 6	Bipin Kumar Rai / Dr. A. K. Srivastava

(Publication in International/National Conferences) or AS Second author in Journals

1. Bipin Kumar Rai et al, " **Real time De-identification of Healthcare Data Using Ephemeral Pseudonyms**" in International Journal of Emerging Trends & Technology in Computer Science(IJETTCS)(ISSN 2278-6856),Vol 7, Issue 2, **March-April 2018, Page 21-25.**
2. Bipin Kumar Rai et al, " **A Review Paper on Regulating Bitcoin Currencies**" in International Journal for Research in Applied Science & Engineering Technology (IJRASET) (ISSN: 2321-9653), **Volume 6, Issue 4, April 2018.**
3. Bipin Kumar Rai et al, " **Attendance Verification Management System (AVMS)**" in International Journal for Research in Applied Science & Engineering Technology (IJCRT) (ISSN: 2320-2882) **Volume 6, Issue 2 April 2018.**
4. Bipin Kumar Rai, R Gandhi, " **Fragile Watermarking Image Authentication scheme using GGFCM**" in *International Journal Of Computer Applications In Engineering, Technology And Sciences* ISSN: 0974-3596 | **APRIL 2013- SEPT 2013 | Volume 5: Issue 2, Page 90-98**
5. Bipin Kumar Rai, Anu " **An algorithm for biometric approach to hide data**" in International Conference on Computer Science & Engineering (ICCSE-13) **28 April 2013**, IRnet, Bangalore. (Paper ID: ICCSE-28APR13-BANG-057). ISBN 978-93-83060-05-4.
6. Bipin Kumar Rai , A. K. Srivastava, " **Design of Packet level authentication protocol for ad- hoc network**" in NCNS-2011 conference on 26 & 27 **Feb 2011** at *Institute of Engineering and Technology, Alwar, Rajasthan.*

- **As a Paper Reviewer:** Journal of Electrical Systems and Information Technology (JESIT).
- **As Associate-Editor:** International Journal of Informational Technology & Application (IJITA), ISSN No. 09768661.
- **As a Paper Reviewer:** TIMES-13, Feb 2013 International Conference at *Institute of Engineering and Technology, Alwar, Rajasthan.*

(4) Attended Conference/FDP/Workshop/Orientation Program/Short Term Course/Refresher Course 17 (Seventeen)

(5) Life Member of Indian Society For Technical Education (ISTE) (M No. LM 69240)

(6)(A) Training Program Conducted

Sr. No.	Theme	Date/Duration	Venue
1.	C programming/JAVA/ Web Designing/ Android	9 June-6 July 2016	ABESIT, Ghaziabad
2.	C programming/JAVA/ Web Designing/ Android	14 June-15 July 2015	ABESIT, Ghaziabad

(B) Administrative Responsibilities:

1. **Convener of 5 days FDP on “Android-APP development”** sponsored by **APJ AKTU University, Lucknow (TEQIP-III)**.
2. **Convener of BigdataThon’18** (19th -21st March 2018) and **coordinator of BigdataThon’17** (7th -9th April 2017), a National level project competition on Big Data.
3. **Discipline Committee Coordinator** for different activities organized at Institute level in ABESIT Ghaziabad, UP. (2014,2015,2016,2017,2018)
4. **Worked as Head of Department of Computer Science & Engineering, IET, Alwar, Rajasthan.** (June 2012 to July 2013) and **Head of Department of Informational Technology, RGGI, Meerut, UP.**(2009-12)

(7) Mentoring National level Project

i. Coordinator (SPOC) of SMART INDIA HACKATHON’19 at ABESIT Ghaziabad.

- Received **Mentor Certificate** of Team ‘**VENCEDOR**’- received **1st Rank** at NIET, Greater Noida center, with the cash prize of **Rs 1 Lac by AICTE, Ministry of HRD, Govt. of India.**
- **10 ideas (8 Software Edition + 2 Hardware Edition)** of ABESIT were shortlisted. Approximately 2 Lac participant, Worlds biggest hackathon.

ii. Coordinator (SPOC) of SMART INDIA HACKATHON’18 at ABESIT Ghaziabad.

- Received **Mentor Certificate** of Team ‘**CODROIDS**’ at Bhopal Center.
- ABESIT Team, ‘*Tech Amigos*’ received **2nd Rank** at Mumbai center with the cash prize of **Rs 75,000** by Ministry of Consumer affairs, food and public distribution, Govt. of India.
- ABESIT Team, ‘*Divergents*’ received **3rd Rank** at Bhubaneswar center with the cash prize of **Rs 50,000** by Ministry of Skill Development & Entrepreneurship, Govt. of India and **Rs. 25000** by Karnataka Bank.
- ABESIT Team, ‘*Salvatore*’ received **Inspiration award** at Hyderabad center with the cash prize **Rs 10,000** by Ministry of Electronics and Information Technology, Govt. of India.
- **10 ideas (8 Software Edition + 2 Hardware Edition)** of ABESIT were shortlisted for **Grand Finale**. Total 1296 ideas were shortlisted out of 12047 ideas submitted from 2100+ Technology Institutions across India. Approximately 1 Lac participant, Worlds biggest hackathon.

ii. Received “Inspiration Award” for Mentor of Team “Cerebro” by Ministry of Railways in SMART INDIA HACKATHON’17- World’s biggest Hackathon.

iii. Coordinator (SPOC) of SMART INDIA HACKATHON’17 at ABESIT Ghaziabad.

- ✓ Team “Path Pradarshak” got “**Inspiration Award**” by **Ministry of Skill Development** and Team “Cerebro” got “**Inspiration Award**” by **Ministry of Railways**. Both teams got Prize of Rs 10000/- each.
- ✓ **4 ideas** of ABESIT were shortlisted. Total 1168 ideas were shortlisted out of 7531 ideas submitted from 2100+ Technology Institutions across India.

IV. Jury Member of Skill Category-ITSSB at Indira Gandhi Pratishthan, Lucknow from 31/05/18 to 02/06/18, organized by NSDC(National Skill Development Corporation) under of **Ministry of Skill development & entrepreneurship, Govt. of India.**