

**PAWAN KUMAR CHAURASIA**

MCA, NET, Ph.D

Assistant Professor,

Department of Information Technology,

School for Information Science & Technology,

Babasaheb Bhimrao Ambedkar, (A Central University)

Vidya Vihar, Raebareli Road, Lucknow-226025 India

Ph No. (0091-0551-2503861, 9452784704, 9451393566)

E-mail: [pkc.gkp@gmail.com](mailto:pkc.gkp@gmail.com)

**PRESENT STATUS**

- Working with Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, UP, India as an Assistant Professor in the Department of Information Technology, School for Information Science & Technology, since January 2009.

**TEACHING EXPERIENCE**

- Kamla Nehru Institute of Technology, Sultanpur worked as a Guest Lecturer in the Department of Computer Science & Engineering from 31 January 2007 to 10 January 2009.

**EDUCATIONAL QUALIFICATION**

- Bachelor in Computer Application (BCA), 1<sup>st</sup> Division in 2001.
- Intermediate from KP Hindu Inter College, Pratapgarh, U.P Board, 2<sup>nd</sup> division in 1994.
- High School from KP Hindu Inter College, Pratapgarh, U.P Board, 2<sup>nd</sup> division in 1996.

**PROFESSIONAL QUALIFICATION**

- Master of Computer Application (MCA), 1<sup>st</sup> Division in 2003.

**DOCTORAL DEGREE**

- **Improving Reliability of Object Oriented Design : Defect Mitigation Perspective** under the supervision of Prof. R.A Khan, Head, Department of Information Technology, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, (India).

**AREA OF RESEARCH**

- Software Security
- Software Reliability
- Software Testing
- Software Quality

**PAPER TAUGHT**

- Genetic Algorithm
- Data Structure
- Software Testing and Analysis
- Database & Data Warehousing
- Software Reliability

## **COURSES TAUGHT**

- Master of Computer Science and Application (M.C.A.)
- Post Graduate Diploma in Computer Application (PGDCA)
- M. Sc. Information Technology
- Bachelor of Computer Application (B.C.A)

## **MEMBERSHIP**

### **ADMINISTRATIVE**

- Warden (Administrative), Boys Hostel, BBA University Lucknow from July 2015 till now.
- NSS, Program Officer, Babasaheb Bhimrao Ambedkar University, Lucknow, March 2016 till now.
- In-charge, OLT (Online Learning and Teaching) University Result, Babasaheb Bhimrao Ambedkar University, Lucknow July 2015 to May 2016.
- Convener, University Sports Committee, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Coordinator, Research Data Storage and Super Computing Facilities, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Co-Coordinator, Bachelor in Physical Education (B.Ped), Babasaheb Bhimrao Ambedkar University, Lucknow.

### **ACADEMIC**

- Member, Board of Post Graduate Studies, Department of Information Technology, Babasaheb Bhimrao Ambedkar ( A Central University) Lucknow (U.P) India.
- Member, Internal Quality Assurance Cell, Department of Information Technology, Babasaheb Bhimrao Ambedkar ( A Central University) Lucknow (U.P) India.
- Coordinator, Department of Information Technology Lab, Babasaheb Bhimrao Ambedkar (A Central University) Lucknow (U.P) India.
- Life Time Membership, Computer Society of India, New Delhi.( Membership No - I151040).
- Life Time Member, Uttar Pradesh Association for Science and Technology (UPASTA), Lucknow (Membership No. 274/293).
- Member, School Board SIST, School for Information Science and Technology, Babasaheb Bhimrao Ambedkar Univesrity, Lucknow.
- Member, Grievance Redressal Committee (GRC), Department of IT, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Member, International Association of Computer Science and Information Technology, (IACSIT) Singapore (Membership No 80340066).
- International Association of Engineers (IAENG):(Membership No 111180)

## **PRESETATION/PUBLICATION**

### **International/ National Journal Publications**

1. Priya Sharma, Pawan K Chaurasia (2018), “Proposed Algorithm for Secured Transaction using 3-Tier Architecture”, International Journal of Computer Sciences and Engineering, (IJCSE), ISSN: 2347-2693, Vol. 6, Issue 6, pp.316-321. (UGC LIST Journal
2. Priya Sharma, Pawan K Chaurasia (2018), ), “A Critical Review on Financial Fraud Detection Techniques”, International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501, Vol 8, Issue 3, pp.91-98..

3. Afshan Zameer, Pawan Kumar Chaurasia, (2018): "A Review on Crypto-Currency", International Journal of Computer Science and Mobile Applications, **ISSN (online): 2321-8363** Vol.6, Issue. 1, January- 2018, pg. 95-100. **UGC List (Journal No 63603)**
4. Pawan Kumar Chaurasia, R. A. Khan (2017): "Relationship Between Object Oriented Design constructs and Design Defects", International Journal of Research in Computer Applications and Management (IJRCAM) (ISSN:2231-1009) Volume 7, Issue 9 , Sep, 2017, pp. 9-14. UGC List **UGC List (Journal No 44341)**
5. Pawan Kumar Chaurasia, R. A. Khan (2017): "Reliability Improvement Framework: Defect Mitigation Perspective", International Journal of Advanced Research in Computer Science (**IJARCS**), e-ISSN- 0976-5697, Volume 8, Issue 9, Nov, 2017, pp 193-197. **UGC List (JOURNAL NO - 2503)**
6. Anoop Upadhyay, Mohd Waris Khan, Pawan Kumar Chaurasia (2017) : "The Impact Of Crowdsourcing In Software Engineering: Software Testing Perspective", International Journal of Advanced Research in Computer Science (**IJARCS**), e-ISSN- 0976-5697, Volume 8, Issue 7, Aug, 2017, pp 250-252. **UGC List (JOURNAL NO - 2503)**
7. Pawan Kumar Chaurasia, R A Khan (2015): "Classification of Software Requirement Errors: A Critical Review", International Journal of Computer Application (IJCA) (ISSN:0975-8887) Volume 132, Issue 7 , December, 2015, pp. 9-14.
8. Pawan Kumar Chaurasia (2014): "How Accountability Improves Software Reliability?", International Journal of Computer Science & Engineering Technology (IJCSET) (ISSN:2229-3345) Volume 5, Issue 9 , September, 2014, pp. 868-871.
9. Pawan Kumar Chaurasia (2014): "E-Waste Management Approaches in India", International Journal of Engineering Trends and Technologies (IJETT) (ISSN:2231-5381) Volume 15, Issue 1 , September, 2014, pp. 21-24.
10. Pawan Kumar Chaurasia (2014): "Classification of Software Reliability Models", International Journal of Advance Research in Computer Science and Software Engineering (IJARCSSE) (ISSN: 2277-128X) Volume 4, Issue 8 , August, 2014, pp. 1084-1091.
11. Pawan Kumar Chaurasia (2014): "Software Reliability Chain Model", International Journal of Software and Web Services (IJSWS), ISSN (Print) 2279-0063, ISSN (Online) 2279-0071, (IASIR), Issue 8, Vol I, May 2014, pp 46-50. <http://iasir.net/IJSWSpapers/IJSWS14-246.pdf>, Impact Factor=1.234.
12. Pawan Kumar Chaurasia (2014): Proposed Model for IP Address Security, "International Journal of Advance Research in Computer Science and Software Engineering", ISSN 2277-128X, Volume 4, Issue 5, May 2014, pg 363-365. [http://www.ijarcsse.com/docs/papers/Volume\\_4/5\\_May2014/V4I5-0236.pdf](http://www.ijarcsse.com/docs/papers/Volume_4/5_May2014/V4I5-0236.pdf) Impact factor=2.080.
13. Pawan Kumar Chaurasia (2014) : Mutation Testing: A Review, Journal of Global Research in Computer Science (JGRCS), USA, ISSN 2229-371X, Volume 5 No 2, pp.33-36 (2014). (Impact Factor: 0.5) <http://www.jgrcs.info/index.php/jgrcs/article/view/767/546> (**UGC LIST - 49002**)

14. Pawan Kumar Chaurasia and Jahi Ali,(2013) : Operational Profile: A Critical Review, Journal of Global Research in Computer Science (JGRCS), USA, ISSN 2229-371X, Volume 4 No 8, pp.57-61.(2013). (Impact Factor: 0.5) <http://www.jgrcs.info/index.php/jgrcs/article/view/767/546> **(UGC LIST - 49002)**
15. Pawan Kumar Chaurasia and Saxena, Vipin,(2011) : Mobile Based Electricity Bill Deposit System Through UML, International Journal of Software Engineering and Applications, USA, Vol. 4(3), pp. 187-190,(2011). [www.scirp.org/journal/jsea](http://www.scirp.org/journal/jsea), (ISSN No.: 1945-3124). Impact Factor (0.15) {<http://dx.doi.org/10.4236/jsea.2011.43021>}
16. Vipin Saxena, Pawan Kumar Chaurasia and Nimesh Mishra, (2011) : E-Learning Through National Knowledge Network, International Journal of Computer and Electrical Engineering, SINGAPORE, Vol. 3(4), 554-556, [www.ijcee.org/papers/378-E1041.pdf](http://www.ijcee.org/papers/378-E1041.pdf), August (2011) (ISSN No.: 1793-8198). <http://www.ijcee.org/papers/378-E1041.pdf>
17. **Chaurasia, Pawan Kumar** and Saxena, Vipin, (2011) : UML Model for Town and Country Planning, PRAYAS-Student Journal of Computing, INDIA, **91-94, March (2011)** (ISSN No.: 0975-8224).

#### **SEMINAR/CONFERENCE PAPER PRESENTED**

18. Pawan Kumar Chaurasia (2017) : Impact of IOT Tools on Society, National Science Day Celebration and Seminar on theme of “Fostering Scientific Temper for Welfare of Society and Surroundings” organized by Babasaheb Bhimrao Ambedkar University, Lucknow, 27-28 February, 2018.
19. Pawan Kumar Chaurasia (2016): Identification of Error Prone Path for Improving Software Testing, 4<sup>th</sup> Lucknow Science Congress, LUSCON-2017, organized by Babasaheb Bhimrao Ambedkar University, Lucknow, 3-4<sup>th</sup> March 2017.
20. Pawan Kumar Chaurasia (2016): Security Breaches From Categorization of Software Errors, National Seminar on Emerging Trends and Advancements in Cyber Security, organized by Department of Computer Application, Integral University, Lucknow 04 April 2016.
21. Pawan Kumar Chaurasia (2016): Identification and Optimization of error prone path using Genetic Algorithm, International Conference on Changing Paradigm of Management Practices for sustainable Development, organized by School of Management Studies, BBBAU, Lucknow 5-6 March 2016.
22. Pawan Kumar Chaurasia (2016): Software Models for Software Quality , National Conference on Information Security Challenges (NCISC-2016), organized by Department of Information Technology, BBBAU, Lucknow 24th February 2016.
23. Pawan Kumar Chaurasia (2015): A Review on Genetic Algorithm Techniques, National Conference on Contemporary Computing and Informatics (NCCI-2015), organized by Department of Computer Science and Engineering, MMMUT, Gorakhpur, May 8-9, 2015.

24. Pawan Kumar Chaurasia (2014): Estimation and Assumptions of Software Reliability Models: A Critical Review, International Conference on Modeling and Computing (ICMC-2014), 10-11 July, 2014.
25. Pawan Kumar Chaurasia (2014): Developing Operational Profile for Library Management Software Module, Lucknow Science Congress, Babasaheb Bhimrao Ambedkar University, Lucknow (U.P), 27-28, March 2014.
26. Pawan Kumar Chaurasia (2014): Software Reliability Engineering Academic and Industry Prospective, Second Lucknow Social Science Congress, Babasaheb Bhimrao Ambedkar University, Lucknow (U.P), 6-7 March 2014.
27. Pawan Kumar Chaurasia (2014): E-Waste Management: An Emerging Issue in India, International Conference on Scientific and Technological Advancements: Social Issues and Health Concerns, Babasaheb Bhimrao Ambedkar University, Lucknow (U.P), 18-19 February 2014.
28. Pawan Kumar Chaurasia and Ali Zahid (2014):: A Taxonomy of Software Reliability Models, Punjab Science Congress, PTU, Jalandhar, Punjab 14-16 February 2014. (Presented).
29. Pawan Kumar Chaurasia (2012) : “UML Model For Landscaping for an Organization”, National Seminar on Cyber Security: Chalanges and Opportunities in 21st Century (CISCO-2012) Department of Computer Science, DDU Gorakhpur University, Gorakhpur, 19-20 February 2012.
30. Saxena Vipin and Chaurasia Pawan Kumar(2011): “A Proposal of Nepal Knowledge Network for Building E-Nepal”, International Conference 11th CAN Information and Communication Technology, Kathmandu, Nepal on 2-3 Feb (2011).
31. Delivered a lecture on “INTRODUCTION TO DATA STRUCTURE AND ALGORITHM” of one hour in the Virtual Class Room of the BBAU, University, Lucknow on 30/082011 at 11:00 AM.
32. Saxena, Vipin and Chaurasia, Pawan Kumar : IP Address Security through RSA, National Conference on Emerging Trends in Information/Network Security, 21st October, 2010, Organized by Amity Institute of Information Technology and Computer Society of India, Lucknow Chapter (2010).
33. Delivered a lecture in Sri Sai Group of Institutes, Pathankot, Punjab.

## **BOOK CHAPTER/EDITOR**

- Pawan Kumar Chaurasia (2016): “Cognitive Robotics in Artificial Intelligence”, Recent Applications in Artificial Intelligence, ABS Publication, Jalandhar, ISBN 978-81-7072-177-2, 2016.
- Pawan Kumar Chaurasia (2015): “A Review on Genetic Algorithm Techniques”, Conference Proceedings National Conference on Contemporary Computing and Informatics, 8-9, May, 2015, ISSN 978-93-84224-257, pp 306-308,organized by MMMUT, Gorakhpur.

- Pawan Kumar Chaurasia (2015): Identification of Error Prone Path for Improving Software Testing: Genetic Algorithm Approach, Conference Proceeding National Conference on Recent Advances in Chemical and Material Sciences, 23-24, February, 2015, ISSN 978-93-84224-257, pp 52-54, organized by MMMUT, Gorakhpur.
- Recent Trends in Computer and Communication Technology (RTCCT-2015), Chapter 5: Role of Information and Communication Technology (ICT) in Rural Development, ISBN: 978-81-7072-173-4, ABS Publication, Jalandhar, page 30-34.
- Book Editor, National Conference on Information Security Challenges (NCISC-2014) on 28th March 2014 in Babasaheb Bhimrao Ambedkar University, Lucknow.

## **TRAINING/ WORKSHOP ATTENDED**

- Organize One Day Public Finance Management System “PFMS” Training Program for all UP Universities NSS Program Coordinators on dated 01/09/2018 in Babasaheb Bhimrao Ambedkar University, Lucknow.
- Two Day workshop on “Choice Based Credit System & Outcome Based Teaching/Learning” organized by Department of Information Technology, 30-31 March 2016
- One Week Workshop on “Computer Programming and GUI Development using MATLAB” 18-23 March 2016 in IIITDM, Jabalpur, organized by Electronics and ICT academy.
- Session Chair, Two Days International Seminar on “Globalization , Environment and Social Justice: Perspectives, Issues and Concerns” organized by Department of Sociology, 15-16 February 2016.
- One Week workshop on “Ethical Hacking and Information Security”, 06-12 August 2015, DIT, BBAU, Lucknow.
- One Week Workshop on “Recent Methods in Information Technology, 22-28 Sep 2014, BBAU, LKO
- Two Days Workshop on RAID using Oracle IDs, 30-31, October, 2014, BBAU, Lucknow.
- Session Chair, International Conference on Modeling and computing (ICMC-2014), 10-11 July, 2014, organized by Department of Computer Science, BBA University, Lucknow
- Participate in one day seminar on ICT in Higher Education: Need of the Hour, organized by the IGB & DLISC, Babasaheb Bhimrao Ambedkar University, Lucknow on **20<sup>th</sup> January, 2014.**
- Attend Orientation Course in Academic Staff College, **DDU, Gorakhpur Univesrity, Gorakhpur on 23- Jan – 2010 to 19–Feb–2010.**
- Workshop on SOA (Service Oriented Architecture) which is held on 6-10 Sep 2010 in **Indian Institute of Information Technology(IIIT), Gwalior.**

- Attend Refresher Course in Information Technology Academic Staff College, Rajasthan University, Jaipur, Rajasthan on 17-12-2012 to 05-01-2013.

## PROGRAM ORGANIZED

- Two Day workshop on “Choice Based Credit System & Outcome Based Teaching/Learning” organized by Department of Information Technology, 30-31 March 2016
- Organizing Secretary, National Conference on Information Security Challenges (NCISC-2016), organized by Department of Information Technology, BBBAU, Lucknow 24th February 2016.
- Member, Organizing Committee, 9th South Asian Universities Festival (SAUFEST-2016) 25th-29th February 2016.
- Workshop Coordinator, “Ethical Hacking and Information Security (EHIS-2015)” organized by Department of Information Technology, BBAU, Lucknow, 06-13 August, 2015
- Coordinator, One Week Workshop on “Recent Methods in Information Technology, 22-28 Sep 2014, BBAU, LKO
- Organizing Secretary, Two Days Workshop on RAID using Oracle IDs, 30-31, October, 2014, BBAU, Lucknow.
- Organizing Secretary, National Conference on Information Security Challenges (NCISC-2014) on **28<sup>th</sup> March 2014** in Babasaheb Bhimrao Ambedkar University, Lucknow.
- Co-Organizing Secretary, Core Committee, Annual Sports-2014, Babasaheb Bhimrao Ambedkar University, Lucknow on **12-13 March, 2014**.
- Member, organized SAM Workshop “**UGC Capacity Building of Women Managers In Higher Education**” in the department of Library Science 4-8 April 2011.

## AWARDS, FELLOWSHIPS & CERTIFICATES

- Best Research Paper award in the Conference in “IP Address security through RSA” Amity University, Lucknow organized by Amity Institute of Information Technology, Lucknow and Computer Society of India, Lucknow on 21 Oct 2010.
- Received RAJIV GANDHI EXCELLENCE AWARD on 26<sup>th</sup> August 2011 at New Delhi from his Excellency Hon’ble Dr. Iqbal Singh, Governor, Puduchairy, Government of India for Outstanding Individual Achievements & Distributed Services to the Nation in the field of Computer Science.

(Pawan Kumar Chaurasia)