

-----Name----- **Pawan Kumar Chaurasia**
 ---Designation--- **Assistant Professor (EOL)**
 ---Department--- **Information Technology**
 -----School----- **SIST**



Tel No:-----
Mob No.: ----- 9451393566
Email:----- pkc.gkp@gmial.com
Webpage: -----

Education Qualification

	Organization	Year of award
Undergraduate	IGNOU, New Delhi	2001
Post-graduation	IGNOU, New Delhi	2003
Ph.D.	BBAU, Lucknow	2018
Post-Doctoral Training	NILL	NILL

Professional Experience (In Years)

Teaching Experience: 16
Research Experience: 10

Areas of Research (Maximum Five Bullet Points)

- Software Reliability
- Machine Learning

Research/Consultancy Grants

Title of Projects	Funding Agency	Duration (Specific Dates)	Total grant	Role (PI/CO-PI)

Publications

Author/s (Year),	Title	Name of Journals	Volume (Issue)	Page no.
Neha Singh, P. K. Chaurasia (2020),	Machine Learning in Healthcare Industry: Tools and Techniques	International Journal of Test Engineering and Management	83(1)	4146-4150
Neha Singh, P. K. Chaurasia (2019)	A Review on Genetic Algorithm Operations and Application in Telecommunication Routing	International Journal of Computer Sciences and Engineering, (IJCSSE)	7(7)	273-277
Srishti Garg, P. K. Chaurasia (2019)	Application of Genetic Algorithms: Task Scheduling in Cloud Computing	International Journal of Computer Sciences and Engineering, (IJCSSE)	7(6)	782-787

Adil Hussain and Pawan Kumar Chaurasia, (2019)	A Review On Heart Disease Prediction Using Machine Learning Techniques	International Journal of Management, IT and Engineering (IJMIT)	9(9)	208-224
Priya Sharma, Pawan K Chaurasia (2018)	Proposed Algorithm for Secured Transaction using 3-Tier Architecture	International Journal of Computer Sciences and Engineering, (IJCSE),	6(6)	316-321
Priya Sharma, Pawan K Chaurasia (2018)	A Critical Review on Financial Fraud Detection Techniques	International Journal of Computer Networks and Wireless Communications (IJCNC)	8(3)	91-98
Afshan Zameer, Pawan Kumar Chaurasia, (2018)	A Review on Crypto-Currency	International Journal of Computer Science and Mobile Applications	6(1)	95-100
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 (IJRCM)	7(9)	9-14
Pawan Kumar Chaurasia, R. A. Khan (2017)	Reliability Improvement Framework: Defect Mitigation Perspective	International Journal of Advanced Research in Computer Science (IJARCS)	8(9)	193-197
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)	8(7)	250-252
Pawan Kumar Chaurasia, R A Khan (2015)	Classification of Software Requirement Errors: A Critical Review	International Journal of Computer Application (IJCA)	132(7)	9-14
Pawan Kumar Chaurasia (2014)	How Accountability Improves Software Reliability?	International Journal of Computer Science & Engineering Technology (IJCSET)	5(9)	868-871
Pawan Kumar Chaurasia (2014)	E--Waste Management Approaches in India	International Journal of Engineering Trends and Technologies (IJETT)	15(1)	21-24
Pawan Kumar Chaurasia (2014)	Classification of Software Reliability Models	International Journal of Advance Research in Computer Science and Software Engineering (IJARCSSE)	4(8)	1084-1091
Pawan Kumar Chaurasia (2014)	Software Reliability Chain Model	International Journal of Software and Web Services (IJSWS)	8(1)	46-50
Pawan Kumar Chaurasia (2014)	Proposed Model for IP Address Security	International Journal of Advance Research in Computer Science and Software Engineering	4(5)	363-365
Pawan Kumar Chaurasia (2014)	Mutation Testing: A Review	Journal of Global Research in Computer Science (JGRCS)	5(2)	33-36
Pawan Kumar Chaurasia (2014)	DEVELOPING OPERATIONAL PROFILE FOR UNIVERSITY LIBRARY MANAGEMENT SYSTEM	PENSEE JOURNAL	76(6)	2-7
Pawan Kumar Chaurasia and Jahi Ali, (2013)	Operational Profile: A Critical Review	Journal of Global Research in Computer Science (JGRCS)	4(8)	57-61
Pawan Kumar Chaurasia and Saxena, Vipin (2011)	Mobile Based Electricity Bill Deposit System Through UML	International Journal of Software Engineering and Applications, USA	4(3)	187-190

Vipin Saxena, Pawan Kumar Chaurasia and Nimesh Mishra, (2011)	E-Learning Through National Knowledge Network	National	International Journal of Computer and Electrical Engineering, SINGAPORE	3(4)	554-556
Pawan Kumar Chaurasia and Vipin Saxena (2011)	UML Model for Town and Country Planning	Town and	PRAYAS-Student Journal of Computing, INDIA		91-94

Book Chapters

Author/s (Year)	Title	Name of Book	Publisher	Edition	ISBN NO
Pawan Kumar Chaurasia (2020)	Paradigms of Machine Learning and Data Analytics	Handling Priority Inversion in Time- Constrained Distributed Databases	IGI Global Disseminator Knowledge, USA	1st	9781799824916
Pawan Kumar Chaurasia (2020)	A Comprehensive study of Trust Management: Internet of Things (IoT)	Emerging Trends in Information Technology	International Publisher Saptrishi Publication, USA	1st	978-93-90065- 17-2.
Pawan Kumar Chaurasia (2016)	Cognitive Robotics in Artificial Intelligence	Recent Applications in Artificial Intelligence	ABS Publication, Jalandhar	1 st	978-81-7072- 177-2
Pawan Kumar Chaurasia (2015)	A Review on Genetic Algorithm Techniques	Conference Proceedings National Conference on Contemporary Computing and Informatics		1 st	978-93-84224- 257
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		1 st	978-93-84224- 257

Authored Books

Author/s (Year),	Name of Book	Publisher	Edition	ISBN NO
Pawan Kumar Chaurasia, R A Khan (2019)	Improving Reliability of Object Oriented Design	Verlag/Publisher, Scholar Press Deutschland, GERMANY	1st	978-613-8- 52436-6

Edited Books

Author/s (Year),	Name of Book	Publisher	Edition	ISBN No
P K Chaurasia, R. A. Khan	Emerging Trends in Information Technology	Shroff Publishers & Distributors Pvt. Ltd (SPD), Mumbai	1st	9789352130269
P K Chaurasia, S K Singh	Research Challenges in Computer Science and Technology	Sapatrishi Publication, Chandigarh.	1st	9789352130269

Patents

	Inventors	Title and Award/Application no.
Awarded		
Published		
Filed		

Research Supervision

	Completed	Ongoing
PG/M.Phil	06	02
Ph.D	NILL	05
Post-Doctoral	NILL	NILL

Honors, Recognition and Awards

- BBAU, GAURAV SAMAN award by Babasaheb Bhimrao Ambedkar University, Lucknow, 11 January 2020.
- “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 26th August 2011 at New Delhi from his Excellency Hon’ble Dr. Iqbal Singh, Governor, Puducherry, Government of India for Outstanding Individual Achievements & Distributed Services to the Nation in the field of Computer Science.

Membership of Professional Bodies

- Member, Board of Studies, Department of Computer Science, Deen Dayal Upadhyay, Gorakhpur University, Gorakhpur.
- Member, Academic Council, Mahatma Gandhi Central University, Motihari, Bihar.

- Member, School Board, School for Computational Sciences, Information and Communication Technology, Mahatma Gandhi Central University, Motihari, Bihar.
- Chairman, Departmental Research Committee (DRC), Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Motihari, Bihar.
- Chairman, Board of Studies, Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Motihari, Bihar.
- Member, Departmental Research Committee (DRC), Department of Information Technology, Babasaheb Bhimrao Ambedkar Univesrity, Lucknow.
- Member, School Board, School for Information Science and Technology, Babasaheb Bhimrao Ambedkar Univesrity, Lucknow.
- Member, School Board, University Institute of Engineering and Technology (UIET), Babasaheb Bhimrao Ambedkar (A Central University) Lucknow (U.P) India.
- 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.
- Member, Grievance Redressal Committee (GRC), Department of IT, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Professional Member, Association for Computing Machinery (ACM), USA, (Membership N0 8887475)
- Life Time Membership, Computer Society of India, New Delhi.(Membership No - I151040).
- LifeTime Member, Uttar Pradesh Association for Science and Technology (UPASTA), Lucknow (Membership No. 274/293).
- Member, International Association of Computer Science and Information Technology, (IACSIT) Singapore (Membership No 80340066).
- International Association of Engineers (IAENG):(Membership No 111180)

Seminar/Conference/Symposia /Workshops Organised

- One Week workshop on “Research Challenges in Computer Science and Technology” organized by the Department of Computer Science and Technology, Mahatma Gandhi Central University, Motihari, Bihar from 18th June 2020 to 23rd June 2020.
- Organize State Youth Parliament Festival – 2019, Ministry of Youth Affairs Department, National Service Scheme, in Babasaheb Bhimrao Ambedkar University, Lucknow on 5th February 2019.

- Organize One Day Public Finance Management System “PFMS” Training Program for all UP Universities NSS Program Coordinators on dated 01 September 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
- 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 28th 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.

Countries Visited

NILL

Invited Lectures/Talks/Chair/Co-Chair in Seminar/Conference/Symposia /Workshops

NATIONAL/ INTERNATIONAL

- Expert Lecture on “How to write and publish a Good Research Paper?” in Two Week International Faculty Development Programme (FDP), Multidisciplinary Research Innovation in Engineering, on Science and Technology for Sustainable Development from 26th Oct 2020-07th November 2020.
- Expert Lecture on “Overview of Intellectual Property Rights (IPR)” on 21 April, 2020 organized by Department of Department of Computer Science and Engineering, Electronics Engineering, Amity University, Lucknow.
- Perform as an Event Judge of online “Impromptu Minds” on 7th May 2020 on theme “Technology as a Weapon against COVID-19” 2020 organized by Department of Department of Computer Science and Engineering, Electronics Engineering, Amity University, Lucknow.
- Expert Lecture on “Search Based Optimization Techniques (SBOT)” in SHORT TERM COURSE on “Practical Aspects of Optimization” commencing form 01-August-2019 to 05-August-2019. organized by Department of Mechanical Engineering, KNIT Sultanpur.

- Expert Lecture on “IPR Overview, Context and Response” in Faculty Development Programme on IPR, Entrepreneurship and Innovation (IPREI-19) organized by Department of Electronics Engineering, IET, Lucknow held on June 1-5, 2019.
- Expert lecture as a Keynote Speaker, “Challenges of Digital Design and Network Security” UGC sponsored One Day **National Seminar** on Emerging challenges in digital design, simulation and network security, organized by department of computer science and physics, Jagdish Chandra DAV college, Dasuya, Hoshiarpur, Punjab 26 March 2019.
- Expert Lecture on “Challenges of Cyber Security: Teaching and Learning Approach” in Ranvir Rananjay Post Graduate College, Amethi, ICSSR, New Delhi on National Seminar “Innovative Pedagogical Approaches: Paradigm shift in Teaching and Learning”, 23-24th February 2019.
- Expert Lecture on “Awareness on IOT” organized “Two Week Faculty Development Programme (FDP)” 04-18 January 2018 in Human Rights Department, School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Expert Lecture on “Writing Literature Review”, Three Week Research Methodology Course from 5-28 January 2017 organized by department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow.
- Expert Lecture on “INTRODUCTION TO DATA STRUCTURE AND ALGORITHM” of one hour in the Virtual Class Room of the BBAU, University, Lucknow on 30/082011.
- Delivered Expert Lecture on “Cyber Security Issues in Indian Perspective” in Sri Jai Narai PG College (KKC), Lucknow on 8th February 2019.
- Delivered a Lecture on “Operational Profile in software reliability” in Sri Sai Iqbal Group of Institutes, Pathankot, Punjab, 20 September 2011.

SESSION CHAIR

- Session Chair in UGC sponsored One Day **National Seminar** on Emerging Challenges in Digital Design, Simulation and Network Security, organized by Department of Computer Science and Physics, March 26, 2019, Jagdish Chandra DAV College, Dasuya, Hoshiarpur, Punjab.
- 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.
- Session Chair in Ranvir Rananjay Post Graduate College, Amethi, ICSSR, New Delhi on National Seminar “Innovative Pedagogical Approaches: Paradigm shift in Teaching and Learning”, 23-24th February 2019.

Additional Information (If Any)



(Pawan Kumar Chaurasia)