

CV SUMMARY

PAWAN KUMAR CHAURASIA

Associate Professor
Department of Information Technology
School for Information Science & Technology
Babasaheb Bhimrao Ambedkar, (A Central University)
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TEACHING EXPERIENCE

- Associate Professor, Babasaheb Bhimrao Ambedkar Central University, Lucknow, Department of Information Technology, from 12 January 2021 - Till Now.
- Assistant Professor, Babasaheb Bhimrao Ambedkar Central University, Lucknow, Department of Information Technology, from 03rd August 2021 – 11th January 2021.
- Associate Professor & Head, Mahatma Gandhi Central University, Motihari, Bihar, Department of Computer Science and Information Technology, from 20th November 2019 – 02nd August 2021.
- Assistant Professor, Babasaheb Bhimrao Ambedkar Central University, Lucknow, Department of Information Technology, from 12th January 2009 – 19th November 2019.

ACADEMIC QUALIFICATION

- Ph.D, 2018** **NET, 2003** **Gate 2008**
- Master of Computer Application (MCA), 1st Division (63.06%) in 2003.
- Bachelor in Computer Application (BCA), 1st Division (60.83) in 2001.

AREA OF RESEARCH

- Software Reliability, Data Mining, Artificial Intelligence

ACADEMIC

- Council of Science and Technology, Uttar Pradesh (Member), Member, Departmental Research Committee (DRC), School Board, Board of Post Graduate Studies, Internal Quality Assurance Cell (Deptt. Coordinator), IEEE (Senior Member), Computer Society of India (Life Time Membership), UPASTA (Life Time Member), Grievance Redressal Committee (GRC), IACSIT, IAENG.

ADMINISTRATIVE

- Head, Department of Computer Science & Information Technology, Mahatma Gandhi Central University, Bihar
- Course Coordinator, Electronics and Communication Engineering, University Institute of Engineering and Technology (UIET), Babasaheb Bhimrao Ambedkar University Lucknow from January 2021.
- Course Coordinator, Computer Science and Engineering, University Institute of Engineering and Technology (UIET), Babasaheb Bhimrao Ambedkar University Lucknow from January 2019.
- Warden (Administrative), Ashoka Boys Hostel, Babasaheb Bhimrao Ambedkar University Lucknow from July 2015 to 31 May 2019.
- Coordinator, NSS, BBAU, Lucknow
- NSS, Program Officer, Babasaheb Bhimrao Ambedkar University, Lucknow, March 2016 till now.
- In-charge, OLT (Online Learning and Teaching), COE, University Result, Babasaheb Bhimrao Ambedkar Central 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.

PUBLICATION

International/National Paper Publication **(35)**, Seminar/Conference Paper Presented National/International **(24)**, Book **(01)**, Edited Book **(01)**, Book Chapter **(05)**, Training/ Workshop Attended **(12)**, Program Organized **(11)**, Lecture Delivered **(35)**

PROJECT (02 Major, 02 Minor)

- Role: PI, Topic:** “Design and Development of Framework for Bio-Medical Waste Segregation using Internet of Things and Machine Learning Approach to Elevate the “Swachha Bharat” in Hospitals of Uttar Pradesh.
Agency: UPCST, Uttar Pradesh Amount = 11.94 (Lakhs) Duration = 03 Year Status= Ongoing
- Role: Mentor Topic:** Segregation of Bio-Medical Waste using Internet of Things and Machine Learning Approach in Hospitals Lucknow to elevate the Smart City
Agency: UPCST, Uttar Pradesh Amount= 20 Thousand Duration = 03Months Status= Completed
- Role: CO-PI, Topic:** “Advancing Healthcare Transformation in Uttar Pradesh: Crafting Secure and User-Centric Health Information System Through AI and ML in the ERA of Industry 5.0”..
Agency: UPCST, Uttar Pradesh Amount = 10.72 (Lakhs) Duration = 02 Year Status= Ongoing
- Role: Mentor, Topic:** “Data-Driven Electricity Load Prediction for Households and Small Industries in Uttar Pradesh: SHIELD (Smart Household Insight for Energy Load and Demand)”
Agency: UPCST, Uttar Pradesh Amount= 20 Thousand Duration= 03Months Status= Completed

PATIENT (04)

- Patent Number :** 2021101744 **Patent Title :** The Waste Segregation Method Using Machine Learning Technique
Date of Grant : 19th May 2021
- Patent Number :** 409667-001 **Patent Title :** IOT BASED ELECTRIC VEHICLE ENERGY CONSUMPTION PREDICTING DEVICE **Date of Grant :** 07th January 2024
- Patent Number: 202411022696 (Published) Patent Title:** A BIO-MEDICAL WASTE SEGREGATION SYSTEM AND METHOD THEREOF **Date of Published:** 10th May 2024
- Patent Number: 430370 (Design Patent Granted) Patent Title:** AI powered Personal Assistance ROBOT **Date of Award:** 3rd December 2024 **Date of Grant:** 6th February 2025

AWARDS, FELLOWSHIPS & CERTIFICATES

- Appreciation Letter, awarded by the Election Commission of Uttar Pradesh as a Contribution to SVEEP (Systematic Voters' Education and Electoral Participation Program) on 25th January 2024.
- BBAU, GAURAV SAMAN award by Babasaheb Bhimrao Ambedkar University, Lucknow, 11 January 2020.
- 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.
- 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.