

Dr. Vikash Yadav

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PROFESSIONAL OBJECTIVE:

To work in an organization where professionalism and enthusiasm is recognized and to work continuously towards excellence while increasing my technical skills and professional expertise.

EDUCATIONAL QUALIFICATION:

- **Intermediate** in 2004 from Nand Lal Khanna Vidya Mandir Inter College, Kanpur (U. P. Board).
- **High School** in 2002 from Prakash Vidya Mandir Higher Secondary School, Kanpur (U. P. Board).

TECHNICAL QUALIFICATION:

- **Ph.D** (Computer Science & Engineering) in 2017 from Dr. A.P.J. Abdul Kalam Technical University (Formerly UPTU), Lucknow (U.P.), work place at Harcourt Butler Technical University (Formerly HBTI), Kanpur (U.P.).
- **M.Tech** (Software Engineering) in 2013 from Motilal Nehru National Institute of Technology, Prayagraj, Allahabad (U.P.).
- **B.Tech** (Computer Science & Engineering) in 2009 from Dr. Ambedkar Institute of Technology for Handicapped, Kanpur affiliated to Dr. A.P.J. Abdul Kalam Technical University (Formerly UPTU), Lucknow (U.P.).

EXPERIENCE:

- Currently working as a Lecturer Computer in the Board of Technical Education, Uttar Pradesh since December 2021.
- One and a half Years Teaching Experience from April 2020 to December 2021 as an Assistant Professor (Selection Grade) in the Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad (U.P.).
- Two Years Teaching Experience from June 2018 to March 2020 as an Assistant Professor in the Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad (U.P.).

- One Year Teaching Experience from July 2017 to May 2018 as a Guest Lecturer in the Department of Computer Science & Engineering, Harcourt Butler Technical University (Formerly HBTI), Kanpur (U.P.).
- Three Years and three month's Teaching cum Research Experience from April 2014 to July 2017 as a Teacher Fellow (Research Scholar) in the Department of Computer Science & Engineering, Harcourt Butler Technical University (Formerly HBTI), Kanpur (U.P.).
- One Year Teaching Experience from July 2013 to April 2014 as a Guest Lecturer in Dr. Bhim Rao Ambedkar Engineering College of Information Technology, Bijnor affiliated to Dr. A.P.J. Abdul Kalam Technical University (Formerly UPTU), Lucknow (U.P.) at HBTI Kanpur Campus.
- One Year Teaching Experience from August 2010 to July 2011, as a Lecturer in J.S. Institute of Management & Technology, Shikohabad affiliated to Dr. A.P.J. Abdul Kalam Technical University (Formerly UPTU), Lucknow (U.P.).

AREA OF INTEREST:

- Data Structure
- Compiler Design
- Operating System
- Digital Image Processing

THESIS WORK & ACADEMIC PROJECT:

- **Ph.D Thesis Title:** Content Based Retrieval of Skin Disease (Melanoma) from Medical Image Database.

Platform: MATLAB

Abstract: Our aim is to detect Melanoma, one of the skin disease from medical images and those images are stored in a database via using ABCD feature extraction technique namely Asymmetry, Border Irregularity, Color and Diameter of the skin. And extract those cases from the database with the help of graph similarity measure technique which can discover interesting patterns as well as descriptive, understandable models from large scale medical image data for the doctors.

- **M.Tech Thesis Title:** Location based Search and Selection of Technical Institutions.

Platform: PHP as Front end and My SQL as Back end.

Abstract: It has become a challenging task to search and select a technical institution which offers quality education at affordable cost. This problem has increased many folds due to rapid growth in number of institutions. Web search engines and education portal are not much help in Indian context. I had designed a website to help students and their parents in searching and selecting an Institute based on its location. Institutions can be searched Region, State and City

wise. Search results are also displayed on Google map along with summary about the institutes.

➤ **B.Tech Project Title:** On Line Survey.

Platform: JSP as Front end and MS Access as Back end.

Abstract: In this project I had create a pool of several questionnaire from different fields and that questionnaire contains all objective types of questions with three options “Yes”, “No” and “Don’t Know”. User has to give the best suited answer of a particular question and their responses were saved in the database and those several responses collected from several people were used to conclude a result of the provided question.

INDUSTRIAL TRAINING:

➤ Training of 4 weeks on Enterprise Resource Planning from HAL TAD Kanpur Nagar, July 07 to August 02, 2008.

EXAM QUALIFIED:

➤ CBSE- UGC NET Qualified for Assistant Professor (July-2016).

MEMBERSHIP:

➤ Life Time Member of International Association of Engineers (IAENG), (Membership No: 133666).

➤ Life Time Member of Computer Society of India (CSI), (Membership No: I1505076).

➤ Editorial Board Member of SCIREA Journal of Information Science and Systems Science.

➤ Editorial Board Member of Recent Advances in Electrical and Electronic Engineering, Bentham Science Publication.

PHD SUPERVISION: 01

Completed: 01

➤ Chandrajeet Yadav (Enrollment No. MUIT0117038038), “**Trusted Cloud Service Framework to Secure Cloud Computing**”, Maharishi University of Information Technology, Sitapur Road, Lucknow, India, February 2022.

M.TECH SUPERVISION: 01

Completed: 01

➤ Akanksha Sharma (Roll No. 1803210501), “**Impact of Morphology in data Retrieval in Hindi Language**”, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, 2018-20.

EDITED SPECIAL ISSUE's OF JOURNALS: 07

- **Vikash Yadav** et al, Special Issue on “**Emerging Intelligent Computing Techniques and their Applications Using Machine Learning**”, Recent Advances in Electrical and Electronic Engineering, Bentham Science Publisher, Vol. 18, Issue 7, pp. 779-780, June 2025, ISSN 2352-0973, Indexed in **Scopus**.
- **Vikash Yadav** et al, Special Issue on “**Artificial Intelligence Models, Tools, and Applications Using Machine Learning Techniques**”, Recent Advances in Electrical and Electronic Engineering, Bentham Science Publisher, Vol. 18, Issue 2, pp. 109-110, December 2024, ISSN 2352-0973, Indexed in **Scopus**.
- **Vikash Yadav** et al, Special Issue on “**An Era of Communication Technology using Machine Learning Techniques in Medical Imaging**”, Recent Advances in Computer Science and Communications, Bentham Science Publisher, Vol. 17, Issue 5, May 2024, ISSN 2666-2566, Indexed in **Scopus**.
- **Vikash Yadav** et al, Special Issue on “**Recent Advances in Artificial Intelligence & Machine Learning: A Practical Approach**”, Recent Advances in Computer Science and Communications, Bentham Science Publisher, Vol. 17, Issue 3, May 2024, ISSN 2666-2566, Indexed in **Scopus**.
- **Vikash Yadav** et al, Special Issue on “**Recent Developments in Computational Intelligence and Communication Technology using Machine Learning Techniques**”, Recent Advances in Electrical and Electronic Engineering, Bentham Science Publisher, Vol. 16, Issue 8, pp. 788-789, August 2023, ISSN 2352-0973, Indexed in **Scopus**.
- **Vikash Yadav** et al, Special Issue on “**Recent Developments in Communication Technology using Machine Learning Techniques**”, International Journal of Electrical & Electronics Research, Forex Publication, ISSN 2347-470X, May 2022, Indexed in **Scopus**.
- **Vikash Yadav** et al, Special Issue on “**Recent Advances in Intelligent Systems and Communication**”, Intelligent Automation & Soft Computing, Tech Science Press Publisher, ISSN online: 2326-005X, ISSN print: 1079-8587, 2021, Indexed in **SCIE & Scopus**.

EDITED BOOKS: 06

- Navjot Singh Talwandi, **Vikash Yadav** et al, Book on “**Enhancing Cyber security with Machine Learning: A Data-Driven Approach to Detect and Mitigate Threats**”, ISBN: 978-93-7020-689-2, IIP Series, March 2025.
- **Vikash Yadav** et al, Book on “**Computational Intelligence and Its Applications**”, ISBN: 978-981-5313-32-1 (Online), ISBN: 978-981-5313-33-8 (Print), DOI: 10.2174/97898153133211250101, Bentham Science Publisher, March 2025, Indexed in **Scopus**.

- Anil Kumar Dubey, **Vikash Yadav** et al, Book on “**Computational Intelligence in the Industry 4.0**”, eISBN: 9781003479031, DOI: <https://doi.org/10.1201/9781003479031>, CRC Press, Taylor & Francis, June 2024.
- **Vikash Yadav** et al, Book on “**Futuristic Trends in Computing Technologies and Data Sciences**”, Vol. 3, Book 9, e-ISBN: 978-93-6252-671-7, IIP Series, May 2024.
- **Vikash Yadav** et al, Book on, “**Recent Developments in Artificial Intelligence & Communication Technologies**”, ISBN: 978-1-68108-967-6 (Online), ISBN: 978-1-68108-968-3 (Print), DOI: 10.2174/97816810896761220101, Bentham Science Publisher, October 2022, Indexed in **Scopus**.
- **Vikash Yadav** et al, Book on “**Process Mining Techniques for Pattern Recognition: Concepts, Theory, and Practice**”, ISBN 9780367770495, CRC Press, Taylor & Francis, February 2022.

RESERCH PAPERS/PUBLICATIONS: 161

INTERNATIONAL JOURNALS: 65

- Pragati Tripathi, **Vikash Yadav** et al, “**IoT-based Smart Device for Monitoring Cardiovascular Disorder: Detection and Treatment towards Telemedicine**”, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Indexed in **Scopus**, DOI: 10.2174/0123520965364780250212093333.
- **Faizan Ali**, **Vikash Yadav** et al, “**Solar Powered Water Distillation and Disinfection as a Step towards the Green Energy Challenge**”, Current Materials Science, Bentham Science Publication, ISSN online: 2666-1462, ISSN print: 2666-1454, Indexed in **Scopus**, DOI: 10.2174/0126661454376410250416132043.
- **Anil Kumar Dubey**, **Vikash Yadav** et al, “**An Approach to Analyze Chest X-ray Using Convolutional Neural Network for Effective Diagnosis of COVID-19**”, Coronaviruses, Bentham Science Publication, ISSN online: 2666-7975, ISSN print: 2666-7967, Vol. 7, No. 4, Indexed in **Scopus**, DOI: 10.2174/0126667975356523250213060554.
- **Amrita Jyoti**, **Vikash Yadav** et al, “**Classification & Technological Analysis of Load Balancing in Cloud Computing**”, Recent Patents on Engineering, Bentham Science Publication, ISSN online: 2212-4047, ISSN print: 1872-2121, Vol. 20, No. 1, pp. 22-35, October 2025, Indexed in **Scopus**, DOI: 10.2174/0118722121358630241220044608.
- **Faizan Ali**, **Vikash Yadav** et al, “**Applications of Photovoltaic Water Pumping System in Developing Countries**”, Recent Patents on Engineering, Bentham Science Publication, ISSN online: 2212-4047, ISSN print:

1872-2121, Vol. 20, No. 1, pp. 14-21, October 2025, Indexed in **Scopus**, DOI: 10.2174/0118722121336917241029062947.

- **Ganesh Chandra, Vikash Yadav et al, “Computational Analysis of Diabetes Kidney Diseases Using Machine Learning”**, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 18, No. 10, pp. 1727-1738, August 2025, Indexed in **Scopus**, DOI: 10.2174/0123520965316924241007052621.
- **Mayur Rahul, Vikash Yadav et al, “Electrocardiogram-based Emotion Recognition using Convolutional Neural Networks”**, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 18, No. 08, pp. 1386-1392, July 2025, Indexed in **Scopus**, DOI: 10.2174/0123520965293221240411091945.
- **Faizan Ali, Vikash Yadav et al, “Design and Analysis of a Solar-Powered Vapour Absorption Refrigeration System using E20 Software”**, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 84, No. 6, pp. 654-664, June 2025, India, Impact Factor: 0.055, Indexed in **Scopus, SCIE**.
- **Mayur Rahul, Vikash Yadav et al, “Feature level fusion of Fingerprints and IRIS for the enhancement of biometric system”**, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 18, No.07, pp. 984-990, June 2025, Indexed in **Scopus**, DOI: 10.2174/0123520965293198240418063311.
- **Aarti Goel, Vikash Yadav et al, “Breaking down the Blockchain Architecture: Components, Characteristics and Future Trends”**, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 18, No. 07, pp. 923-937, June 2025, Indexed in **Scopus**, DOI: 10.2174/0123520965303926240401053649.
- **Payal Thakur, Vikash Yadav et al, “Virtual Reality (VR) in Work Environment for Stress Reduction”**, International Journal on Engineering Artificial Intelligence Management, Decision Support, and Policies (IJAIMD), Adroid Publications, ISSN (Online): 3048-8788, Vol. 02, No. 02, pp. 37-44, June 2025.
- **Mayur Rahul, Vikash Yadav et al, “Multilingual Speaker Recognition using Mel-frequency Cepstral Coefficients and Gaussian Mixture Model”**, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 18, No. 05, pp. 637-643, March 2025, Indexed in **Scopus**, DOI: 10.2174/0123520965280852231212041006.
- **Amrita Jyoti, Vikash Yadav et al, “Blockchain Security Attacks, Difficulty, and Prevention”**, Recent Advances in Electrical & Electronic Engineering, Bentham Science

Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 18, No. 2, pp. 111-118, December 2024, UAE, Indexed in **Scopus**, DOI: 10.2174/0123520965252489231002071659.

- Shanu Khare, **Vikash Yadav** et al, “**Employment Proficiency Evaluation Plat-forms: A Comprehensive Analysis**”, International Journal on Engineering Artificial Intelligence Management, Decision Support, and Policies (IJAIMD), Adroid Publications, ISSN (Online): 3048-878, Vol. 01, No. 02, pp. 1-8, October 2024.
- Shanu Khare, **Vikash Yadav** et al, “**Securing Microservice Architecture: Load Balancing and Role-Based Access Control**”, International Journal on Engineering Artificial Intelligence Management, Decision Support, and Policies (IJAIMD), Adroid Publications, ISSN (Online): 3048-8788, Vol. 01, No. 01, pp. 21-28, August 2024.
- Manjula Shukla, **Vikash Yadav**, “**A Path Physiology of Corona Virus and its Socio-Economic Implications**”, International Journal on Computational Modelling and Applications (IJCMA), Adroid Publications, ISSN (Online): 3048-8516, Vol. 01, No. 01, pp. 63-69, July 2024.
- **Devvrat Tyagi**, **Vikash Yadav** et al, “**Control Strategy for LVRT Enhancement in Photovoltaic Fuel Cell Hybrid Renewable Energy System**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 83, No. 2, pp. 204-213, February 2024, India, Impact Factor: 0.055, Indexed in **Scopus**, **SCIE**.
- **Namita Tiwari**, **Vikash Yadav** et al, “**New Proxy Signature scheme over Elliptic Curves using Chaotic Maps: Applicable during Pandemic COVID-19**”, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 17, No. 9, pp. 859-864, UAE, Indexed in **Scopus**, DOI: 10.2174/2352096516666230915113801.
- **Amrita Jyoti**, **Vikash Yadav** et al, “**The Transformative Impact of AI and Machine Learning on Human Psychology**”, Recent Advances in Computer Science and Communications, Bentham Science Publication, ISSN online: 2666-2566 ISSN print: 2666-2558, Vol. 17, No. 2, pp. 31-39, December 2023, UAE, Indexed in **Scopus**, DOI: 10.2174/0126662558268813231120114051.
- **Amrita Jyoti**, **Vikash Yadav** et al, “**Blockchain for Big Data: Approaches, Opportunities and Future Directions**”, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 17, No. 3, pp. 229-243, August 2023, UAE, Indexed in **Scopus**, DOI: 10.2174/2352096516666230607104537.
- **Vimal Kumar**, **Vikash Yadav** et al, “**Prevention of Blackhole Attack in MANET using Certificate less Signature Scheme**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 81, No. 10, pp. 1061-1072, October 2022, India, Impact Factor: 0.055, Indexed in **Scopus**, **SCIE**, DOI: 10.56042/jsir.v81i10.57471.

- **Vaishali Deshwal, Vikash Yadav et al, “Estimating COVID-19 Cases Using Machine Learning Regression Algorithms”**, Recent Advances in Electrical & Electronic Engineering, Bentham Science Publication, ISSN online: 2352-0973 ISSN print: 2352-0965, Vol. 15, No. 5, pp. 390-400, August 2022, UAE, Indexed in **Scopus**, DOI: 10.2174/2352096515666220610155214.
- **Jay Kant Pratap Singh Yadav, Vikash Yadav et al, “Optimization of Hopfield networks for storage and recall: A decade Review”**, International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience Publication, ISSN online: 1755-0394, ISSN print: 1755-0386, Vol. 21, No. 3/4, pp. 321-329, April 2022, U.K., Impact Factor: 1, UGC approved journal & Indexed in ACM Digital Library & **Scopus**, DOI: 10.1504/IJAIP.2022.122197.
- **Mayur Rahul, Vikash Yadav et al, “A New Hybrid Approach for Efficient Emotion Recognition using Deep Learning”**, International Journal of Electrical & Electronics Research, Forex Publications, ISSN: 2347-470X, Vol. 10, No. 1, pp. 18-22, March 2022, Indexed in **Scopus**, DOI: 10.37391/IJEER.100103.
- **Vikash Yadav & Indresh Kumar Gupta, “Modified Adaptive Inertia Weight Particle Swarm Optimization for Data Clustering”**, International Journal of Innovative Computing and Applications (IJICA), InderScience Publication, ISSN online: 1751-6498, ISSN print: 1751-648X, Vol. 13, No. 1, pp. 34-40, March 2022, U.K., Impact Factor: 0.6, UGC approved journal & Indexed in ACM Digital Library & **Scopus**, DOI: 10.1504/IJICA.2022.121387.
- **Rohit Rastogi, Vikash Yadav et al, “Statistical Analysis of EMG & GSR Biofeedback Efficacy On Different Modes for Chronic TTH on Various Indicators”**, International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience Publication, ISSN online: 1755-0394, ISSN print: 1755-0386, Vol. 21, No. ½, pp. 109-128, February 2022, U.K., Impact Factor: 1, UGC approved journal & Indexed in ACM Digital Library & **Scopus**, DOI: 10.1504/IJAIP.2022.121033.
- **Chandrajeet Yadav, Vikash Yadav et al, “Secure and Reliable Data sharing scheme using Attribute-based Encryption with weighted attribute-based Encryption in Cloud Environment”**, International Journal of Electrical & Electronics Research, Forex Publications, ISSN: 2347-470X, Vol. 9, No. 3, pp. 48-56, January 2022, Indexed in **Scopus**, DOI: 10.37391/IJEER.090305.
- **Swarnima Singh & Vikash Yadav, “An Improved Particle Swarm Optimization for Prediction of Accident Severity”**, International Journal of Electrical & Electronics Research, Forex Publications, ISSN: 2347-470X, Vol. 9, No. 3, pp. 42-47, January 2022, Indexed in **Scopus**, DOI: 10.37391/IJEER.090304.
- **Nidhi Sindhwani, Vikash Yadav et al, “Performance Analysis of Deep Neural Networks using Computer Vision”**, EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, European Alliance for Innovation Publication, ISSN: 2410-0218, Vol. 8, No. 29, e3, pp. 1-11, November 2021, Indexed in **Scopus**, DOI: 10.4108/eai.13-10-2021.171318.

- **Pooja Gupta**, **Vikash Yadav** et al, “**Student’s Perception towards Mobile Learning using Internet Enabled Mobile Devices during COVID-19**”, EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, European Alliance for Innovation Publication, ISSN: 2410-0218, Vol. 8, No. 29, e1, pp. 1-17, November 2021, Indexed in **Scopus**, DOI: 10.4108/eai.16-9-2021.170958.
- **Uzair Khan** & **Vikash Yadav**, “**A Study based on Structural needs and Smart Tools using IoT for developing a Smart City**”, International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience Publication, ISSN online: 1755-0394, ISSN print: 1755-0386, Vol. 20, No. ½, pp. 210-220, September 2021, U.K., Impact Factor: 1, UGC approved journal & Indexed in ACM Digital Library & **Scopus**, DOI: 10.1504/IJAIP.2021.117617.
- **Rati Shukla** & **Vikash Yadav** et al, “**Detecting Crop Health using Machine Learning Techniques in Smart Agriculture System**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 80, No. 8, pp. 699-706, August 2021, Impact Factor: 1.056, Indexed in **Scopus**, **SCIE**.
- **Aprna Tripathi** & **Vikash Yadav** et al, “**Multi-Objective ANT Lion Optimization Algorithm Based Mutant Test Case Selection for Regression Testing**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 80, No. 7, pp. 582-592, July 2021, Impact Factor: 1.056, Indexed in **Scopus**, **SCIE**.
- **Garima Bakshi** & **Vikash Yadav** et al, “**An Optimized Approach for Feature Extraction in Multi-Relational Statistical Learning**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 80, No. 6, pp. 537-542, June 2021, Impact Factor: 1.056, Indexed in **Scopus**, **SCIE**.
- Chandrajeet Yadav, **Vikash Yadav** et al, “**Authentication, Access Control, VM Allocation and Energy efficiency towards Securing Computing Environments in Cloud Computing**”, Annals of the Romanian Society for Cell Biology, Association of Cell Biology Romania Publication, ISSN 1583-6258, Vol. 25, No. 6, pp. 17939-17954, June 2021.
- Chandrajeet Yadav, **Vikash Yadav** et al, “**AES-Light Weight CP–ABE Based Privacy Protection Framework with Effective Access Control Mechanism in Cloud Framework**”, Design Engineering, Rogers Media Publishing Ltd., ISSN 0011-9342, Vol. 2021, No. 6, pp. 2321-2336, June 2021.
- **Dinesh Kumar Yadav**, **Vikash Yadav** et al, “**An Efficient Collaborative Recommender System for Textbooks using Silhouette index and K-Means Clustering Technique**”, International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience Publication, ISSN online: 1755-0394, ISSN print: 1755-0386, Vol. 19, No. 2, pp. 233-242, May 2021, U.K., Impact Factor: 1, UGC approved journal & Indexed in ACM Digital Library & **Scopus**, DOI: 10.1504/IJAIP.2021.115251.

- **Uzair Khan** & **Vikash Yadav** et al, “**Application of Multi Criteria Decision Making tools in Selection of Concrete Mix**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 80, No. 4, pp. 304-309, April 2021, Impact Factor: 1.056, Indexed in **Scopus, SCIE**.
- **Mansi Gupta** & **Vikash Yadav** et al, “**Proposed Framework for Dealing COVID-19 Pandemic Using Block chain Technology**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 80, No. 3, pp. 270-275, March 2021, Impact Factor: 1.056, Indexed in **Scopus, SCIE**.
- **Amit Gupta**, **Vikash Yadav** et al, “**Hybrid Intelligence Model on the Second Generation Neural Network**”, International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience Publication, ISSN online: 1755-0394, ISSN print: 1755-0386, Vol. 18, No. 3, pp. 398-416, February 2021, U.K., Impact Factor: 1, UGC approved journal & Indexed in ACM Digital Library & **Scopus**, DOI: 10.1504/IJAIP.2021.113334.
- **Vikash Yadav** et al, “**A New Approach for Movie Recommender System using K-means Clustering and PCA**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol 80, No. 2, pp. 159-165, February 2021, Impact Factor: 1.056, Indexed in **Scopus, SCIE**.
- **Vikash Yadav** et al, “**A New Efficient Method for the detection of intrusion in 5G and beyond Networks using Machine Learning**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 80, No. 1, pp. 60-65, January 2021, Impact Factor: 1.056, Indexed in **Scopus, SCIE**.
- Nidhi Vardhan, **Vikash Yadav** et al, “**Integrated Cloud Compiler with Plagiarism Checker**”, Advances and Applications in Mathematical Sciences, Mili Publication, ISSN 0974-6803, Vol. 20, No. 3, pp. 391-397, January 2021, India, Indexed in **ESCI, UGC CARE**.
- Shashank Gaurav Singh, **Vikash Yadav** et al, “**Analysis of Stack Overflow data using Web portal**”, Advances and Applications in Mathematical Sciences, Mili Publication, ISSN 0974-6803, Vol. 20, No. 3, pp. 383-389, January 2021, India, Indexed in **ESCI, UGC CARE**.
- Ritik Gupta, **Vikash Yadav** et al, “**Sentimental Analysis on Text Data**”, Advances and Applications in Mathematical Sciences, Mili Publication, ISSN 0974-6803, Vol. 20, No. 3, pp. 361-366, January 2021, India, Indexed in **ESCI, UGC CARE**.
- **Vikash Yadav** et al, “**A New Improved Approach for Feature Generation and Selection in Multi-Relational statistical modeling using machine learning**”, Journal of Scientific and Industrial Research (JSIR), Scientific Publishers, ISSN online: 0975-1084, ISSN print: 0022-4456, Vol. 79, No. 12, pp. 1095-1100, December 2020, India, Impact Factor: 1.056, Indexed in **Scopus, SCIE**.
- Puneet Kumar Goyal, **Vikash Yadav** et al, “**SVM Classifier for Early Diagnosis of Malignant Melanoma**”, International Journal of Control and Automation (IJCA), Science and

- Swarnima Singh & **Vikash Yadav**, “**Face Recognition using HOG Feature Extraction and SVM Classifier**”, International Journal of Emerging Trends in Engineering Research (IJETER), World Academy of Research in Science and Engineering Publication, ISSN: 2347 - 3983, Vol. 8, No. 9, pp. 6437-6440, September 2020, India, Indexed in **Scopus**, DOI: 10.30534/ijeter/2020/244892020.
- Akanksha Sharma & **Vikash Yadav**, “**Impact of Morphology on the performance of Search Engine while retrieving information in Hindi Language**”, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE), World Academy of Research in Science and Engineering Publication, ISSN: 2278 – 3091, Vol. 9, No. 4, pp. 4182-4188, July-August 2020, India, Indexed in **Scopus**, DOI: 10.30534/ijatcse/2020/02942020.
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- **Vikash Yadav** et al, “**A Hybrid Image Compression Technique for Medical Images**”, 7th IEEE International Conference on Computational Intelligence and Communication Networks (CICN-2015), ISBN: 978-1-5090-0076-0, pp. 222-227, Organized by Machine Intelligence Research Labs, Gwalior at Gyan Ganga Group of Institutions, Jabalpur, India on December 12-14, 2015.
- **Vikash Yadav** et al, “**Big Data Analytics for Health Systems**”, IEEE International Conference on Green Computing and Internet of Things (ICGCIOT-15), ISBN: 978-1-4673-7909-0, pp. 253-258, Organized by Department of Computer Science & Engineering at Galgotias College of Engineering & Technology, Greater Noida, India on October 08-10, 2015.
- **Vikash Yadav** et al, “**A Survey Paper on Secure Mobile Ad-hoc Network**”, National Conference on Trends in Signal Processing & Computing (TSPC-2015), ISSN: 2395-0730, pp. 46-51, Organized by Faculty of Engineering & Technology, Rama University Kanpur, India on September 19-20, 2015.
- **Vikash Yadav** et al, “**Design and Implementation of Real Time Content Sharing Using Smart Phones**”, International Conference on Modeling and Computing (ICMC-2014) Organized by Department of Computer Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India on July 10-11, 2014.

- Satyendra Kumar, **Vikash Yadav** et al, “**Software Quality Prediction Techniques Based on Classification and Regression Tree: A Study**”, International Conference on Modeling and Computing (ICMC-2014) Organized by Department of Computer Science, Babasaheb Bhimrao Ambedkar University, Lucknow, India on July 10-11, 2014.
- **Vikash Yadav** et al, “**Secure Communication in WLAN**”, National Conference on Internet Security and Cyber Laws (NCISCL-2014), pp. 157-161, Organized by Department of Computer Science & Engineering at Harcourt Butler Technological Institute, Kanpur, India on April 05-06, 2014.
- Gaurav Sachan, **Vikash Yadav** et al, “**Secure Mobile Commerce**”, National Conference on Internet Security and Cyber Laws (NCISCL-2014), pp. 187-192, Organized by Department of Computer Science & Engineering at Harcourt Butler Technological Institute, Kanpur, India on April 05-06, 2014.
- **Vikash Yadav** et al, “**A Study of Energy-Aware Behavior of Proactive and Reactive Routing Protocols for Mobile Ad Hoc Networks**”, National Conference on Global Innovation In Technology & Management (GITM–2013), ISBN: 978-81-923750-1-4, Organized by Dev Bhoomi Group of Institutions, Saharanpur, India on April 28, 2013.
- Anil Kumar, **Vikash Yadav** et al, “**Trust and Reputation based E-Learning using the Service Oriented Architecture**”, National Conference on Global Innovation in Technology & Management (GITM–2013), ISBN: 978-81-923750-1-4, Organized by Dev Bhoomi Group of Institutions, Saharanpur, India on April 28, 2013.

INDEXING/CITATION by GOOGLE SCHOLAR:

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	All	Since 2020
Citations	834	767
h-index	14	13
i-10 index	27	23

REVIEWER/PC MEMBER/SESSION CHAIR of CONFERENCE’S:

- **Session Chair** at International Conference on Innovations in Data Analytics (ICDIA-2025), organized by Eminent College of Management and Technology (ECMT), West Bengal, India on December 05-06, 2025.
- **Session Chair** at International Conference on Computational Technologies for Research in Data Analytics (ICCTRDA-2025), organized by Duy Tan University, Da Nang, Vietnam in association with Rayat Bahra University, Mohali on November 21-22 2025.
- **Session Chair** at International Conference on Data Processing and Networking (ICDPN-2025), organized jointly by the Institute of Technology and Business (VŠTE) in České

Budějovice, Czech Republic, Europe; Slovak University of Agriculture in Nitra, Slovakia; Igor Sikorsky Kyiv Polytechnic Institute, Ukraine; Mata Sundri College for Women, University of Delhi, Delhi & Canadian Institute of Technology, Tirana, Albania, Canada on November 07-08, 2025.

- **Session Chair** at International Conference on Data Mining and Information Security (ICDMIS-2025), organized by Eminent College of Management and Technology (ECMT), West Bengal, India in collaboration with University of Puthisastra, Cambodia, on October 07-08, 2025.
- **Session Chair** at International Conference on Artificial Intelligence and Networking (ICAIn-2025), organized jointly by BITS Pilani, Dubai Campus, UAE, in association with Indian Institute of Information Technology, Allahabad, India & Universal Inovators, Delhi, India on October 06-07, 2025.
- **Session Chair** at International Conference on Computing and Communication Networks (ICCCNet-2025), organized by Manchester Metropolitan University, Manchester, United Kingdom on August 01-03, 2025.
- **Session Chair** at 6th International Conference on Data Analytics and Management (ICDAM-2025), organized jointly by London Metropolitan University, London, UK in association with the WSG University, Bydgoszcz, Poland, Portalegre Polytechnic University, Portugal & SGGW Management Institute Poland, Europe on June 13-15, 2025.
- **Session Chair** at International Conference on Computational Intelligence and Information Retrieval (CIIR 2025), organized by Sister Nivedita University, West Bengal, India on April 24-25, 2025.
- **Session Chair** at 6th Doctoral Symposium on Computational Intelligence (DoSCI-2025), organized jointly by Institute of Engineering & Technology, Lucknow, Campus of Open Learning, University of Delhi, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi and University of Calabria, Italy on March 28-29, 2025.
- **Session Chair** at International Conference on Computing & Communication Systems for Industrial Applications (ComSIA-2025), organized jointly by Campus of Open Learning, University of Delhi, and Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, India on March 28-29, 2025.
- **Session Chair** at 7th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2025), Organized by All India Shri Shivaji Memorial Society's Institute of Information Technology, Pune, India on March 5-7, 2025.
- **Session Chair** at 1st International Conference on Technology Enabled Economic Changes (InTech-2025), organized by Amity University, Tashkent on February 27-28, 2025.

- **Session Chair** at 8th International Conference on Innovative Computing and Communication (ICICC-2025), organized by Shaheed Sukhdev College of Business Studies, New Delhi, in association with National Institute of Technology Patna, India and University of Valladolid Spain on February 14-15, 2025.
- **Session Chair** at International Conference on 2025 AI-Driven Smart Healthcare for Society 5.0 (AdSoc 5.0), organized by GNIT Kolkata, India on February 14-15, 2025.
- **Session Chair** at International Conference on Computational Research and Data Analytics (ICCRDA-2025) organized by Duy Tan University, Vietnam on January 17-18, 2025.
- **Session Chair** at International Conference on Innovations in Data Analytics (ICDIA-2024), organized by Eminent College of Management and Technology (ECMT), West Bengal, India on December 18-19, 2024.
- **Session Chair** at 4th International Conference on Technological Advancements in Computational Sciences (ICTACS-2024), organized by Amity University, Tashkent on November 13-15, 2024.
- **Technical Session Chair** at 9th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2024) with MCMI-2024 & IH-2024 organized by ISVE at Advanced Regional Telecom Training Centre, BSNL, Hazaribag Road, Ranchi, Jharkhand, India on October 19-20 , 2024.
- **Session Chair** at International Conference on Data Processing and Networking (ICDPN-2024) organized by Institute of Technology and Business (VŠTE) in České Budějovice, Czech Republic, Europe on October 25-26, 2024.
- **Session Chair** at International Conference on Computing and Communication Networks (ICCCNet-2024), organized by Manchester Metropolitan University, Manchester, United Kingdom on October 17-18, 2024.
- **Session Chair** at International Conference on Data Mining and Information Security (ICDMIS-2024), organized by Eminent College of Management and Technology (ECMT), West Bengal, India in collaboration with Universitas al Asyariah Mandar, Indonesia, on October 07-08, 2024.
- **Session Chair** at International Conference on Artificial Intelligence and Networking (ICAIn-2024), organized by Guru Tegh Bahadur Institute of Technology (GTBIT), GGSIPU, Delhi in association with Portalegre Polytechnic University, Portugal & Institute of Technology and Business in České Budějovice, Czech Republic & Keshav Mahavidyalaya, University of Delhi, India, September 24-25, 2024.
- **Session Chair** at 1st International Conference on Advanced Computing & Emerging Technologies (ACET-2024), organized by Ajay Kumar Garg Engineering College, Ghaziabad on August 23-24, 2024.

- **Session Chair** at 5th International Conference on Data Analytics and Management (ICDAM-2024), organized jointly by London Metropolitan University, London, UK in association with the WSG University, Bydgoszcz, Poland, Europe, Portalegre Polytechnic University, Portugal, Europe, SGGW Management Institute & BPIT, GGSIPU, Delhi on June 14-15, 2024.
- **Session Chair** at 5th Doctoral Symposium on Computational Intelligence (DoSCI-2024), organized jointly by Institute of Engineering & Technology, Lucknow, Campus of Open Learning, University of Delhi, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi and University of Calabria, Italy on May 10-11, 2024.
- **Session Chair** at International Conference on Computing & Communication Systems for Industrial Applications (ComSIA-2024), organized jointly by Campus of Open Learning, University of Delhi, and Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, India on May 10-11 , 2024.
- **Session Chair** at 4th International Conference on Nanoelectronics, Machine Learning, Computing Systems & Internet of Things (NMIC-2024) with NCCS-2023 & MSME-2023, organized by ISVE at Advanced Regional Telecom Training Centre, BSNL, Ranchi, Jharkhand, India on April 13-14 , 2024.
- **Session Chair** at 10th International Conference on “Computing for Sustainable Global Development”, organized by Bharati Vidyapeeth’s Institute of Computer Application and Management, New Delhi, India on February 28-March 1, 2024.
- **Session Chair** at 7th International Conference on Innovative Computing and Communication (ICICC-2024), organized by Shaheed Sukhdev College of Business Studies, New Delhi, in association with National Institute of Technology Patna, India and University of Valladolid Spain on February 16-17, 2024.
- **Session Chair** at 2nd International Conference on Cyber Intelligence and Information Retrieval (CIIR 2023), organized by Institute of Engineering & Management, West Bengal, India on December 14-15, 2023.
- **Session Chair** at 2nd International Conference on Innovations in Data Analytics (ICIDA 2023), organized by Eminent College of Management and Technology in collaboration with International Knowledge Research Foundation, West Bengal, India on November 29-30, 2023.
- **Session Chair** at 4th International Conference on Microelectronics, Computing Systems, Machine Learning & Internet of Things (MCMCI-2023), organized by ISVE at Advanced Regional Telecom Training Centre, BSNL, Ranchi, Jharkhand, India on November 25-26 , 2023.
- **Session Chair** at International Conference on Computing and Communications Networks (ICCCNet-2023), organized by Manchester Metropolitan University, Manchester, United Kingdom on November 17-18, 2023.

- **Session Chair** at International Conference on Futuristic Trends in Networks & Computing Technologies (FTNCT-2023), organized at Institution of Engineer's (IEI) Chandigarh, India on July 29-30, 2023.
- **Session Chair** at 8th International Conference on Microelectronics, Computing Communication Systems (MCCS-2023), organized by ISVE at Advanced Regional Telecom Training Centre, BSNL, Hazaribag Road, Ranchi, Jharkhand, India on July 29 -30, 2023.
- **Session Chair** at 4th International Conference on Data Analytics and Management (ICDAM-2023), organized by London Metropolitan University, London, UK in association with the Karkonosze University of Applied Sciences, Jelenia Gora, Poland, Europe, Politécnico de Portalegre, Portugal, Europe & BPIT, GGSIPU, Delhi, India on June 23-24, 2023.
- **Session Chair** at 10th International Conference on “Computing for Sustainable Global Development”, organized by Bharati Vidyapeeth’s Institute of Computer Application and Management, New Delhi, India on March 15-17, 2023.
- **Session Chair** at 4th Doctoral Symposium on Computational Intelligence (DOSCI-2023), organized by Institute of Engineering & Technology, Lucknow, India and Bhagwan Parshuram Institute of Technology, Delhi, India in association with University of Calabria, Italy on March 03, 2023.
- **Session Chair** at International Conference on Innovative Computing and Communication (ICICC-2023), organized by Shaheed Sukhdev College of Business Studies, New Delhi, in association with National Institute of Technology Patna, India and University of Valladolid Spain on February 17-18, 2023.
- **Session Chair** at International Conference on Bio-Neuro Informatics and Algorithms (ICBNA-2022), organized by Symbiosis International (Deemed University), India, in collaboration with Samara State Medical University, Russia on June 21-22, 2022.
- **Session Chair** at Doctoral Symposium on Computational Intelligence (DoSCI-2022), organized by Institute of Engineering & Technology, Lucknow, India in association with University of Calabria, Italy on March 05, 2022.
- **Session Chair** at 3rd International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS-2022), organized by Institute of Engineering & Management Group, Kolkata, India on February 23-25, 2022.
- **Session Chair** at 3rd International Conference on Computing, Communications and, Cyber-Security (IC4S-2021), organized by Krishna Engineering College, Ghaziabad, India on October 30-31, 2021.
- **Session Chair** at 4th International Conference on Data Analytics & Management (ICDAM-2021), jointly organized by Jan Wyzykowski University, Polkowitz, Poland & Panipat

Institute of Engineering and Technology, India & IIS University, Jaipur, India on June 26, 2021.

- **Session Chair** at 4th International Conference (Online) on Recent Trends in Communication & Electronics (ICCE-2020), organized by Department of Electronics & Communication Engineering, KIET Group of Institutions, Ghaziabad, India, November 28-29, 2020.
- **Session Chair** at 1st International Conference on Computational Research and Data Analytics (ICCRDA-2020), jointly organized by Suleyman Demirel University and Isparta Applied Sciences University, Turkey and College of Engineering Roorkee, India, October 24, 2020.

PATENT's: 07

- A Patent is published entitled “**A System for Monitoring an Individual's Physiological Status**” Reference/Application No. **202411094184**, Dated 03/01/2025.
- A Design Patent granted entitled “**Carbon-Absorbing Building Tiles**”, Design No. 430802-001, Dated 18/09/2024.
- A Design Patent granted entitled “**Technometer**”, Design Number 6366469, Dated 23/05/2024.
- A Patent is published entitled “**Method and System for handling liquid in tank in IOT Environment**” Reference/Application No. **202111011968**, Dated 26/03/2021.
- A Patent is published entitled “**IOT based Smart Shoes for child health monitoring**” Reference/Application No. **202111011966**, Dated 26/03/2021.
- A Patent is published entitled “**Human Memory Assistive Device**” Reference/Application No. **202011005799**, App. Number **TEMP/E-1/6007/2020-DEL**, Dated 22/01/2021.
- A Patent is published entitled “**Noise Cancelling Device**” Reference/Application No. **201921042041**, App. Number **TEMP/E-1/44639/2019-MUM**, Dated 29/11/2019.

PAPER SETTER:

- Worked as a Paper setter of End-Semester examination for Harcourt Butler Technical University (Formerly HBTI) Kanpur & Dr. B. R. Ambedkar University Agra.

MOOC's CERTIFICATIONS:

- Completed 8-Module courses of National Initiative for Technical Teachers Training under AICTE, February 2024.

- **NPTEL** Online Certification on Software Engineering, Compiler Design & Data Science for Engineers, Introduction of Internet of Things & Big Data Computing courses.
- **COURSERA** Online Certification on Cloud Computing, Hierarchical Clustering: Customer Segmentation, Image Classification courses.

FDP/WORKSHOPS/CONFERENCE'S ORGANIZED:

- Organized One Week Faculty Development Programme on “**Computational Intelligence**” as a Coordinator at Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad, India, Sponsored by TEQIP-III, April 29-May 03, 2019.
- Member of the Organizing Committee to organize International Conference on “**5th International Conference on Computational Intelligence and Communication Technology (CICT-2019)**”, Organized by Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad, India on February 22-23, 2019.
- Member of the Organizing Committee to organize National Conference on “**Recent Advances in Information and Communication Technologies (RAICT-2017)**” at Department of Computer Science & Engineering, Harcourt Butler Technical University, Kanpur, India, Under TEQIP-II, March 25-26, 2017.
- Member of the Organizing Committee to organize One Week Faculty development Programme on “**Advance Algorithms in Computing**” at Department of Computer Science & Engineering, Harcourt Butler Technological Institute, Kanpur, India, Under TEQIP-II, January 25-30, 2016.

STC/FDP/WORKSHOPS ATTENDED:

- Attended Three Weeks Industrial Training in “**Empowering Educators and Trainers with AI Tools in the Digital Era**” Organized by NIELIT Gorakhpur, India, September 01-22, 2025.
- Attended five days Faculty Development Programme on “**Full Stack Web Development**” Conducted by C-DAC Patna in collaboration with IRDT Kanpur, India, September 15-19, 2025.
- Attended Five days Training on “**Machine learning using Python**” Conducted by C-DAC Patna in collaboration with IRDT Kanpur, India, February 10-14, 2025.
- Attended One Week Faculty Development Programme on “**Emerging Issues and Challenges in AI & Communications**” Organized by Rajkiya Engineering College, Kannauj, India, January 28-1 February, 2025.

- Attended Two Weeks Faculty Development Programme on “**ICT Tools for Effective Teaching Learning**” Organized by NIELIT Gorakhpur, India, December 09-23, 2024.
- Attended Six days Training on “**Internet of Things (IoT): Software/Project Making Practices**” Organized by IRDT Kanpur, India, September 02-07, 2024.
- Attended Five Days Short Term Training Programme on “**Drone and Drone Applications**” Organized by NITTTR Bhopal, India, January 08-12, 2024.
- Attended One Week Faculty Development Programme on “**Cyber Vulnerabilities and Safeguards**” Organized by Computer Science & Engineering Department, NITTTR Chandigarh, India, September 25-29, 2023.
- Attended Five Days Short Term Training Programme on “**Innovation and Challenges in Curriculum, Pedagogy and Assessment in the context of NEP 2020**” Organized by NITTTR Bhopal, India, September 11-15, 2023.
- Attended Five Days faculty Development Programme on “**Advancement of Artificial Intelligence in Cyber Security**”, Organized by Department of Computer Science & Engineering, Ajay Kumar Garg Engineering College, Ghaziabad, India, June 19-23, 2023.
- Attended One Week Online Workshop on “**Cyber Security Challenges and Practices (CSCP-2022)**” Organized by Computer Science and Engineering Department, Rajkiya Engineering College, Sonbhadra, India, November 28-December 02, 2022.
- Completed UGC Approved Short-Term Professional Development Programme on “**Implementation of NEP2020 for University and College Teachers**” Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Organized by IGNOU, September 09-17, 2022.
- Attended Two Week Short Term Course on “**Induction Training Programme for Newly Recruited Teachers**” Organized by Education and Educational Management Department, NITTTR Chandigarh, India, September 05-16, 2022.
- Attended One Week faculty Development Programme on “**Industrial Revolution 5.0**”, Organized by Department of Computer Science & Engineering, Ajay Kumar Garg Engineering College, Ghaziabad, India, June 06-10, 2022.
- Attended Two Days Short Term Course on “**Facilitation Technique Workshop**” Organized by IRDT Kanpur, India, April 28-29, 2022.
- Attended One Week AICTE sponsored QIP Short Term Course on “**Embedded Artificial Intelligence**” Organized by Electronics, and Communication Engineering Department, NITTTR Chandigarh, India, March 21-26, 2022.

- Attended Five Days Short Term Course (online) on “**Data Science and Machine Learning**” Organized by Computer Science and Engineering Department, IIT Kanpur, India, February 28-March 04, 2022.
- Attended One Week Online Workshop on “**Cyber Security and Information Assurance (CSIA-2022)**” Organized by Computer Science and Engineering Department, Rajkiya Engineering College, Sonbhadra, India, January 27-31, 2022.
- Attended One Week Short Term Course on “**Cyber Forensic and Information Security**” Organized by Dr B R Ambedkar National Institute of Technology Jalandhar, India, December 16-20, 2021.
- Attended Five Days AICTE ATAL Online Faculty Development Programme on “**Technology Trends in Smart City**” Organized by Indian Institute of Management Kashipur, India, August 09-13, 2021.
- Attended Five Days AICTE ATAL Online Faculty Development Programme on “**Nature Inspired Optimization Techniques**” Organized by National Institute of Technology Delhi, India, July 19-23, 2021.
- Attended Five Days AICTE ATAL Online Faculty Development Programme on “**Machine Learning and Computer Vision**” Organized by Vignans Foundation for Science Technology and Research University, India, June 21-25, 2021.
- Attended Five Days Faculty Development Programme on “**Innovative & Disruptive Computing Technologies**” Organized by the Amity Institute of Information Technology, Amity University, Noida, India, January 04-08, 2021.
- Attended Five Days AICTE ATAL Online Faculty Development Programme on “**Cloud Technology**” Organized by Beant College of Engineering and Technology, Gurdaspur, India, October 26-30, 2020.
- Attended Five Days Faculty Development Programme on “**Block Chain and its Applications**” Organized by the Department of Computer Science and Engineering, Ajay Kumar Garg Engineering College, Ghaziabad, India, August 10-14, 2020.
- Attended One Week Online Faculty Development Programme on “**Emerging Trends, Issues and Challenges in Next-Generation Technology**” Organized by Faculty of Engineering & Technology, Rama University Kanpur, India, July 20-24, 2020.
- Attended Five Days AICTE ATAL Online Faculty Development Programme on “**Artificial Intelligence**” Organized by Central University of Kerala, India, June 03-07, 2020.
- Attended Five Days AICTE ATAL Online Faculty Development Programme on “**Cyber Security**” Organized by Department of Computer Application, Dr. HariSingh Gour University, Sagar, M.P., India, May 18-22, 2020.

- Attended Five Days AICTE ATAL Online Faculty Development Programme on “**Block Chain**” Organized by Department of Computer Science & Engineering, Punjab Engineering College, Chandigarh, India, May 11-15, 2020.
- Attended Five Days Workshop cum Faculty Development Programme on “**Data Sciences**” jointly organized by Department of Computer Science & Engineering, KNIT Sultanpur & MNNIT Allahabad, Prayagraj, India, May 04-08, 2020.
- Attended One Week Faculty Development Programme on “**Machine Learning and Data Analytics using Python**” Conducted by Electronics & ICT Academy, IIT Roorkee at ABES Engineering College, Ghaziabad, India, January 13-17, 2020.
- Completed One Week NPTEL-AICTE Faculty Development Programme on “**Data Science for Engineers**” from July-September 2019.
- Attended “**TalentNext**” an Eight Day’s Digital Skills Readiness Programme conducted by Wipro Limited at Bangalore, May 15-22, 2019.
- Attended One Week Faculty Development Programme on “**Computational Intelligence**” Organized by Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad, India, Sponsored by TEQIP-III, April 29-May 05, 2019.
- Attended One Week Faculty Development Programme on “**Outcome based pedagogic principles for effective teaching & learning**” Organized by Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad, India, Sponsored by TEQIP-III, April 22-26, 2019.
- Attended Two Weeks Faculty Development Programme on “**Entrepreneurship**” Organized by ABESEC StartUps Lab & Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad, India, January 02-15, 2019.
- Attended One Week Faculty Development Programme on “**Pattern Recognition**” Organized by the Department of Information Technology, ABES Engineering College, Ghaziabad, India, Sponsored by TEQIP-III, July 09-13, 2018.
- Attended One Week Faculty Development Programme on “**Computer Vision**” Organized by the Department of Computer Science & Engineering, Faculty of Engineering & Technology, Agra College, Agra, India, Sponsored by TEQIP-III, April 23-27, 2018.
- Attended One Week Faculty Development Programme on “**Research Methodology**” Organized by the Department of Computer Science & Engineering, Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, Uttarakhand, India, December 04-09, 2017.

- Attended One Week Short Term Course/Faculty Development Programme on “**Communication Networks: A Research Perspective**” Organized by the Department of Electronics Engineering, Harcourt Butler Technical University (Formerly HBTI), Kanpur, India, Sponsored by TEQIP-II, February 27 to March 04, 2017.
- Attended One Week Faculty Development Programme on “**Role of MATLAB In Advance Computing**” Organized by the Department of Computer Science & Engineering, Kamla Nehru Institute of Technology, Sultanpur, India, Sponsored by TEQIP-II in Technical Association with ISTE & CSI, July 25-29, 2016.
- Attended Five Days Workshop on “**Advanced Robotics**” Organized at Indian Institute of Technology, Kanpur, India, Sponsored by TEQIP-II, March 15-19, 2016.
- Attended One Week Faculty Development Programme on “**Advance Algorithms in Computing**” Organized by the Department of Computer Science & Engineering, Harcourt Butler Technological Institute, Kanpur, India, Sponsored by TEQIP-II and Technically Sponsored by IEEE Computational Intelligence Society, January 25-30, 2016.

AWARD/EXTRA CURRICULAR ACTIVITIES:

- Worked as a Subject Expert to update/prepare syllabus of 3 years Diploma programme in Computer Science, Computer Science & IoT, Web Designing, Cloud Computing & Big Data in Board of Technical Education, Uttar Pradesh.
- **Best Paper Award** with Paper entitled “Multimodel technique for improving biometric validation system”, International Conference on Computational Intelligence and Information Retrieval (CIIR-2025) Organized by Sister Nivedita University, West Bengal, India, April 24-25, 2025.
- **Best Paper Award** with Paper entitled “Deep Learning-Driven 3D CNN for Microscopic Brain Tumor Detection and Feature Optimization”, 3rd International Conference on Innovations in Data Analytics (ICIDA-2024) Organized by Eminent College of Management and Technology (ECMT), West Bengal, India, December 18-19, 2024.
- **Best Paper Award** with Paper entitled “Insights in the Data: Ensuring Quality in Healthcare Big Data”, International Conference on Data Mining and Information Security (ICDMIS-2024) Organized by Eminent College of Management and Technology (ECMT), West Bengal, India, October 7-8, 2024.
- Club Counselor of “**Environ Club**” at ABES Engineering College Ghaziabad since August 2018 to September 2021.
- Counselor of IGNOU Courses (BCA & MCA) at HBTI Kanpur Center since July 2013 to May 2018, Evaluator Code: IG12700616.

- Appointed as Center Controller and member of Flying Squad for various UPSEE Examination conducted by UPTU Lucknow.
- Appointed as a Group Leader/Observer of Flying Squad for various End Semester Examination conducted by UPTU Lucknow.
- Appointed as External Practical Examiner by UPTU Lucknow & IGNOU.
- Guided various Projects at U.G (BCA, B.Tech) and P.G (MCA) level.
- Written unit wise solution paper (Rohit Series) of the subject Digital Image Processing & Real Time System.
- Coordinator of various technical events INCORD in HBTI Kanpur and UDAYAYA in Dr. AITH Kanpur.
- 3rd Prize on All India Seminars on “**Cyber Crime & Security Challenges**” at The Institute of Engineers, U.P. State Centre, Lucknow, India, April 13-15, 2007.

PERSONAL SKILLS:

- Comprehensive problem solving abilities.
- Ability to deal with people diplomatically.
- Willingness to learn, hard worker.

HOBBIES:

- Cricket & Listening Music

PERSONAL DETAILS:

Father's Name: Mr. Pratap Singh Yadav

Date of Birth : 18th Oct 1987

Languages : Hindi & English

REFERENCE's:

Prof. (Dr.) Raghuraj Singh

Professor

Department of Computer Science & Engineering,

Harcourt Butler Technical University,

Kanpur-208002, U.P., India

Dr. Vandana Dixit Kaushik

Professor

Department of Computer Science & Engineering,

Harcourt Butler Technical University,
Kanpur-208002, U.P., India

Date:

Place:

(Dr. Vikash Yadav)