



Ankit Kumar

UGC NET 2023 Qualified

Father's name:- Anil Kumar

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Career Objective

To work with an organization that provides me an opportunity to improve my skills and knowledge to grow along with the organization's objective.

Skill Highlights

- C, C++
- Python
- Operating System
- HTML, CSS
- Java
- Cryptography
- Machine Learning, AI
- Data structure

Education

Year	Course	Institute/University	CGPA/Percentage
2022-Current	PhD (CSE)	Integral University, Lucknow	Pursuing
2018-2020	M. Tech (CSE)	Centre For Advanced Studies (Main Campus) Dr APJ Abdul Kalam Technical University Lucknow, India.	7.83 CGPA
2013-2017	B. Tech (IT)	Guru Gobind Singh Indraprastha University, Delhi, India	65.03 %
2013	XII	Kendriya Vidyalaya AFS NO.4 Gwalior, MP, India	64.60 %
2011	X	Kendriya Vidyalaya AFS NO.4 Gwalior, MP, India	6.8 CGPA

International Journal

Duration	Research
Aug 2020-Sep 2021	Journal research article on "A Proficient Approach for Face detection and Recognition using Machine learning and high Performance computing" has been published in the journal of "Concurrency and Computation practice and Experience" by WILEY, SCI Indexed (IF:1.536) , 2021 DOI: https://doi.org/10.1002/cpe.6582
Aug 2020-Nov 2021	Journal research article on "An improved approach towards biometric Face Detection and recognition using Artificial Neural Network" Published in "Journal of Multimedia Tools and Applications", SCI Indexed (IF:2.577) , 2021. DOI: https://doi.org/10.1007/s11042-021-11721-2
Fed 2022-Nov 2022	Journal research article on "A Neoteric Procedure for Spotting and Segregation of Ailments in Medicative Plants using Image Processing Techniques and AI" has been Published in International Journal of Next-Generation Computing, Nov 2022, Vol. 13 Issue 4, p913-943. 31p, ESCI indexed, DOI: https://doi.org/10.47164/ijnge.v13i4.965

Duration	Research
May 2023	Journal research article on "COVID-19 Detection using adopted convolutional neural networks and high-performance computing", has been Published in the Journal of Multimedia tools and Applications, SCI Indexed (IF:2.577), 2023. DOI: 10.1007/s11042-023-15640-2
Aug 2023	Journal research article on "Create and Implement a New Method for Robust Video Face Recognition Using Convolutional Neural network", has been Published in Journal of Elsevier e-Prime- Advances in Electrical Engineering, Electronics and Energy, SCOPUS Indexed, 2023. DOI: https://doi.org/10.1016/j.prime.2023.100241
Dec 2023	Journal research article on "A Deep Learning and Powerful Computational Framework for Brain Cancer MRI Image Recognition", has been Published in the Journal of The Institute of Engineers (India): Series B, Springer, SCOPUS Indexed, 2023, DOI: https://doi.org/10.1007/s40031-023-00926-8

Book Chapter (International)

Duration	Research
Jan 2020- March 2020	Book Chapter on "FFT Based Zero-Bit Watermarking For Facial Recognition and its Security", has been published in " Springer Book Chapter " 2020. DOI: https://doi.org/10.1007/978-981-15-7533-4_31
Feb 2020- March 2020	Book Chapter on "An Improved Approach to Secure Digital Audio Using Hybrid Decomposition Technique" has been published in " Springer Book Chapter " 2020. DOI: https://doi.org/10.1007/978-981-15-7533-4_28
March 2020- July 2020	Book Chapter on "Biometric Facial Detection and Recognition Based on ILPB and SVM" has been published in Book chapter (WILEY Online Library), Scrivener Publishing LLC, SCOPUS Indexed 2021, DOI: https://doi.org/10.1002/9781119760429.ch8
March 2020- July 2020	Book Chapter on "A Novel Approach Towards Audio Watermarking Using FFT and CORDIC-Based QR Decomposition" has been published in Book chapter (WILEY Online Library), Scrivener Publishing LLC, SCOPUS Indexed 2021. DOI: https://doi.org/10.1002/9781119711230.ch20
Dec 2021 to March 2022	Book Chapter on "A Review Study on COVID-19 Disease Detection from X- Ray Image Classification using CNN" has been published in the Book Chapter of "Emerging Trends in IOT and computing Technology", CRC press Taylor & Francis Group 2022, SCOPUS Indexed. https://shorturl.at/fiqY6
Dec 2021 to March 2022	Book Chapter on " Data hiding in the colored image using LSB and Histogram Technique" has been published in the Book Chapter of " Emerging Trends in IOT and computing Technology", CRC press Taylor & Francis Group 2022, https://shorturl.at/gpEZ9
Dec 2021 to March 2022	Book Chapter on " A CONTEMPORARY STUDY ON MAC PROTOCOLS FOR WIRELESS MESH NETWORK" has been accepted published in the Book Chapter of " Emerging Trends in IOT and computing Technology", CRC press Taylor & Francis Group 2022, https://shorturl.at/dyMV1

International Conferences

Duration	Research
Nov 2018- Feb 2019	Research paper on “An efficient and robust zero-bit watermarking technique for biometric image protection” is published in the proceedings of TSP (Hungary), IEEE Xplore Digital library, SCOPUS Indexed 2019. DOI: https://doi.org/10.1109/TSP.2019.8768881
Aug 2019-Nov 2019	Research paper on “Perspective Approach for Security of Biometric Image”, has been published in the proceedings of APPIS (Spain), ACM digital library , SCOPUS Indexed 2020. DOI: https://doi.org/10.1145/3378184.3378216
Sep 2019-Dec 2019	Research paper on “DWT, DCT and PBFO based approach for biometric image security”, is published in proceedings of IC3A, IEEE Xplore digital library 2020, SCOPUS Indexed . DOI: https://doi.org/10.1109/IC3A48958.2020.233317
Sep 2019-Dec 2019	Research paper on “A zero watermarking approach for biometric image security”, has been published in IEEE Xplore digital library 2020, SCOPUS Indexed . DOI: https://doi.org/10.1109/IC3A48958.2020.233268
June 2023-Current (Ongoing)	Research paper on “Identification of Psychological Stress from Speech Signal Using Deep Learning Algorithm”, has been Accepted for the publication in 8th International Conference on Information System Design & Intelligent Applications India, SCOPUS Indexed (Springer)

Internships

Machine Learning - June/2019 to July/2019
IIIT Allahabad

- Studied Python and Machine Learning concepts, Algorithms and models. Worked on project “CO2 emission prediction using linear regression”. And also worked on other ML projects.

Java & Android - Oct/2015 to May/2016
Xpert InfoTech, Delhi

- Studied JAVA and Android. Worked on Android Application development. And also worked on the project “Blood bank Android Application”.

Java, C++, HTML, CSS - July/2015 to August/2015
Online Sololearn

Learned the concepts and implementations of Java, C++, HTML, and CSS.

Working Experience

S.No	Organization	Designation	Duration
1.	BN college of Engineering and Technology, Lucknow, India.	Assistant Professor	31 Aug 2020 to 27 July 2021
2.	Babu Banarasi Das Institute of Technology and Management, Lucknow, India.	Assistant Professor	28 July 2021 to 15 March 2023

3.	Pranveer Singh Institute of Technology (PSIT), Kanpur, India Dr. APJ Abdul Kalam Technical University, Lucknow, India	Assistant Professor	15 March 2023 to 9 Sep 2023
4.	Institute of Engineering and Technology, Lucknow, India	Assistant Professor	31 Aug 2023 to Present

Faculty Development Program:-

- 1 Week FDP on “Data Analysis using Advance Excel” by E & ICT Academy, IIT Kanpur, India, 2022.
- 1 Week FDP on “Emerging Trends on Computation and Advances Intelligence” BBDITM, Lucknow, India, 2022.

M.tech Thesis details

- Title:- **Watermarking in Digital Audio Signal**
- Guide:- Prof. M.K Dutta (Former Dean of AKTU), Prof. Vrijendra Singh (HOD IIIT Allahabad)

Workshops

- 5 Days workshop in Machine Learning at Google Lab, AKTU Lucknow
- 5 Days workshop on Penetration testing in cyber simulator Lab, AKTU Lucknow
- Workshop in Python by Microsoft, Delhi
- 5 Days workshop on Ethical Hacking by Lucideus Pvt. Ltd. Delhi

Additional:-

- **UGC NET Qualified-2023**
- Member/Student Coordinator of International Conference on Contemporary Computing and Applications (IC3A)-2020.
- Worked in NBA accreditation work.
- Recieved Highest Grading in Overall Lecturship feedback-May 2022
- Certificate of Excellence in Reviewing a Journal of Ophthalmology Research-2020
- Certificate of Excellence in Reviewing, Asian Journal of Case Reports in Surgery-Jan 2023
- Certificate for the Skill Assesment of Python (Basic), HackerRank-April 2023
- Active Reviewer Member of board of esteemed journal of International Journal of Research and Analytical Reviews (Member ID: 118517).
- Infosys Springboard Certification on Object Oriented Programming using Python-July 2023

Profile ID:-

- Google Scholar ID:- <https://scholar.google.com/citations?user=g48iFekAAAAJ&hl=en>
- Orchid ID:- <https://orcid.org/0000-0002-2059-5545>
- Scopus ID:- <https://www.scopus.com/authid/detail.uri?authorId=57209569682>

Hobbies

- Sports:- State level, University Level.
- Music