

CURRICULUM VITAE



KOMAL ASRANI

Designation: Professor

Department: Computer Science and Engineering

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ACADEMIC/INDUSTRIAL EXPERIENCE:- 25 years

QUALIFICATION: - Ph.D.(Computer Science and Engineering)

AREA OF INTEREST:- Image Processing, Computer Graphics, Computer Vision, Object Oriented Programming

RESEARCH PUBLICATION:-

- *Inverse of Power of 3 in Decimal form*, 23rd Annual Conference of Vijnāna Parishad of India Recent Developments in Mathematics, Optimization and Computational Sciences (RDMOCS 2021) organized by Bundelkhand University, Jhansi on 06-10 September, 2021.
- *Understanding Plant Leaf as a whole- A Review*, International Conference on Innovative Trends in Engineering and Management organized by BNCET, Lucknow on 27-28 August, 2020.
- *SGLRS- A Content System for Leaf Identification in Smart City* National Seminar on Technology and Management of Smart Cities: Issues, Challenges and Opportunities organized by School of Management Studies, UPRTOU, Allahabad, 3rd May 2015.
- *“Design and Development of an Image Based Plant Identification System using Leaf”*, The International Journal of Multimedia & Its Applications (IJMA) Vol.7, No.6, December 2015.

- “*SbLRS: Shape based Leaf Retrieval System*” International Journal of advanced studies in Computer Science and Engineering IJASCSE, Volume 3, Issue 8, 2014.
- “*A novel shape based descriptor for plant identification*” International Journal of Computer Applications (0975 – 8887) Volume 95– No. 15, June 2014.
- “*Designing a clustered database for identification of leaves*” 3rd IEEE International Advance Computing Conference (IACC-2013) Catalog Number: CFP1339F-CDR ISBN: 978-1-4673-4528-6 February 22-23, 2013.
- “*Contour Based Retrieval for Plant Species*” International Journal of Image, Graphics and Signal Processing (IJIGSP) ISSN: 2074-9074 (Print), ISSN: 2074-9082 (Online), 2013, Hong Kong.
- “*Comparing the impact of Clustering with Content Based Image Retrieval Approaches for Plant Identification*” International Journal of Computers and Technology, July 2013, U.S.A..
- “*Survey of Shape Based Boundary Methods for Leaf Retrieval*” Advances in computer science and information technology networks and Communications: Second International Conference, CCSIT 2012, Bangalore, India, January 2-4, 2012 (Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering vol.84 pp. 602, SpringerLink,2012).
- “*Comparative study of Sector Based approaches for searching images based on shape*” International Journal of Engineering Science and Technology – IJEST (ISSN: 0975-5462), September, 2011.
- “*3D Face Mapping and its recognition and performance evaluation*” National Conference on Emerging trends in Computing and Information Technology September 09, 2011
- “*Content Based Image Retrieval-An Introduction and Study of the different approaches*” at National Conference on Security and Management, Lucknow University in October 2007.

- *“Web Image Search Engines-An Introduction and Study of the Existing Techniques”* at The Institute of Engineers (India), U.P State Centre –September 8-9, 2007.
- *“Metadata-Importance and Implication for Internet”* for Convergence Asia-The Journal for Knowledge Economy Management Vol. V, No.1 Jan-Mar 2007.
- *“Design Aspects for Metadata for describing and retrieving Multimedia Resources on the Internet”* National Conference on Computer Science & Information Technology organized by Krishna Institute of Engineering & Technology, Ghaziabad November,2006.

BOOK PUBLICATION(If Any):-

FDP / FTP / CONFERENCES ATTENDED:-

- *Machine Learning for Computer Vision* organized by Electronics and ICT Academies from 1-12th February, 2021.
- *Leadership Development* organized by IIM, Lucknow from 14-16th Feb, 2020
- *Universal Human Values and Professional Ethics* organized by TEQIP-III, Dr. A.P. J. Abdul Kalam Technical University, Lucknow by 12-19th June, 2019.
- *Universal Human Values and Professional Ethics* conducted by BBDEC, Lucknow on 31st August, 2019
- *Machine Learning and Data Analytics using Python* organized by BBDEC, Lucknow conducted by Electronics and IaCT Academy, IIT Roorkee 27-31st January, 2020.

ACHIEVEMENTS:-

OTHER RESPONSIBILITIES:

Date: 06/06/2022

Place: Lucknow

(Komal Asrani)