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Savitribai Phule Pune University Identification No. PU/PN/Engg. /441/2012, DTE CODE:- EN 6794

Research & Development Profile



Prof. Anil T. Lohar,
Experience: 6 Years
loharanil04@gmail.com ,
Department of Computer Engineering.

[**Research Profile Link-** <https://scholar.google.co.in/citations?user=DvB8CBwAAAAJ&hl=en>]

International Conference :

1) Available at IEEE Digital Xplorer :

"Image Retrieval using Block Truncation Coding Extended to Color Clumps",
Published in IEEE International conference on Advances in Technology and Engineering
(ICATE), January 2013 at Mumbai.

Online available at: <http://ieeexplore.ieee.org/document/6524769/>

INSPEC Accession Number: 13539723

Print ISBN: 978-1-4673-5618-3

Digital Object Identifier: 10.1109/ICAdTE.2013.6524769

2) Available at IEEE Digital Xplorer :

**"Extended Performance Comparison of Hybrid Wavelet Transform for Image
Compression with Varying Proportion of Constituent Transform"**, Published in 15th
IEEE International conference on Advanced Computing Technologies (ICTACT), September
2013 at Rajampeth, Andhra Pradesh.

Online available at: <http://ieeexplore.ieee.org/document/6710497/>

INSPEC Accession Number: 14066321

Print on Demand(PoD) ISBN: 978-1-4673-2817-3

Digital Object Identifier: 10.1109/ICTACT.2013.6710497

International Journal Publication Papers:

3) IJMRA:

"Block truncation coding based techniques for content based image retrieval system", published in International Journal of Multidisciplinary Research Academy for June 2016 issue, Volume 4, issue-6 (June 2016), Page No: 15-24, ISSN: 2347-6532.

Online available at: http://www.ijmra.us/2016ijesr_june.php

4) IJMTER: Impact Factor of Journal: 3.518 (SJIF)

"Smart phone based Mobile Application to protect human being from hazardous gases present in an environment", published in International Journal of Modern Trends in Engineering and Research, March 2016, Volume 3, issue-3, Page No: 449-454. ISSN (ONLINE)- 2349-9745, ISSN (PRINT)- 2393-8161.

Online available at: http://www.ijmter.com/issue-papers/?select_volume=3&select_issue=3

5) IJRESTS:

"Augmented Performance Analysis of Block Truncation Coding based Image Retrieval techniques through sundry similarity measures", published in International Journal of Research in Engineering, Science & Technologies, March 2016, Volume 1-issue 6, Page No: CS65-CS73. ISSN No Online: 2454-664X.

Online available at: http://ijrests.org/volume-2_6.html

6) IJRESTS:

"Selection of Social Networking Mobile Application (SNMA) with Ideal solution optimization based on TOPSIS Approach", published in International Journal of Research in Engineering, Science & Technologies, March 2016, Volume 1-issue 6, Page No: CS97-CS110. ISSN No Online: 2454-664X.

Online available at: http://ijrests.org/volume-2_6.html

7) IJETCAS: Impact Factor of Journal: 6.20 [With Thomson Reuters index]

"Thepade's Ternary Block Truncation Coding with various degrees for Content Based Image Retrieval", published in "International Journal of Emerging Technologies in Computational and Applied Sciences [IJETCAS] ISSN: 2279-0055, ISSN (Print): 2279-0047 (March-May, 2013, Issue 4, Volume 1)".

Online available at: <http://iasir.net/IJETCASpapers/IJETCAS13-108.pdf>

ISSN (Online): 2279-0055

8) IJCA:

"Cosine Transformed Row and Column Mean Content Based Image Retrieval using Higher Energy Coefficients with Image Tiling and Assorted Similarity Measures" published in "International Journal of Computer Applications **ISBN** : 973-93-80885-42-2, **DOI** : 10.5120/19725-1365 (February 2015, Volume 112 - Number 13)".

Online available at: <http://research.ijcaonline.org/volume112/number13/pxc3901365.pdf>

ISSN: 0975 - 8887

National Conference Papers:

- 1) **"Gaining Enhanced Performance for Content Based Image Retrieval System with various Block Truncation Coding based methodologies on COIL image data-set"**, Presented and Published in National Conference On Recent Trends In Computer Engineering (NCRTCE 2016), March 2016. Jointly organized by PICT Pune, Savitribai Phule Pune University & IEEE Computer Society Pune Section.
- 2) **"Augmented Performance Analysis of Block Truncation Coding based Image Retrieval techniques through sundry similarity measures"**, Presented and Published in National Conference on Technical Revolution (NCTR-2016), March 2016. Jointly organized by APCOER Pune and Savitribai Phule Pune University.
- 3) **"Selection of Social Networking Mobile Application (SNMA) with Ideal solution optimization based on TOPSIS Approach"**, Presented and Published in National Conference on Technical Revolution (NCTR-2016), March 2016. Jointly organized by APCOER Pune and Savitribai Phule Pune University.
- 4) **"Content Based Image Retrieval with Color"**, Presented and Published in National conference on Emerging Trends in Engineering and Technology (NCETET-13), February 2013.
- 5) **"Secret sharing using Visual Cryptography"**, Presented and Published in National conference on Emerging Trends in Engineering and Technology (NCETET-13), February 2013.
- 6) **"Content Based Image Retrieval with Different Variations of Block Truncation Coding and Heterogeneous Color Spaces"**, Presented and Published in c-PGCON 2013 Second post graduate symposium for Computer Engineering, March 2013.

Workshop/STTP:

- Four Weeks AICT approved faculty development program on **"Use of ICT in Education for Online and Blended Learning"** under the **National Mission on Education through ICT (MHRD, Govt. of India)** from 14th May 2016 to 26th June 2016.
- One day IEEE sponsored Authorship Workshop on **"How to Publish a Technical Paper with IEEE"** at College of Engineering Pune (COEP).
- One day faculty development program on **"Object Oriented Programming"** organized by Department of Computer Engineering, VIIT in association with SPPU, Pune.
- One Week State Level Short Term Training program on "Internet of Things (IoT)" organized by Department of Computer Engineering in association with "Computer Society of India (CSI) and Intelidemics" from 12th December to 16th December 2016.
- One Week ISTE approved Short Term Training program on **"Soft Computing Using MATLAB"** organized by Department of Computer Technology, Priyadarshini College of Engineering, Nagpur, during 26th April to 30th April 2016.
- Attended Two days **"National Conference on Technical Revolution-(NCTR-2016)"**, March 2016, at Anantrao Pawar College of Engineering & Research, Parvati, Pune-09.

- Three days faculty development program on **"Smart System Programming"** jointly organized by Department of Computer Engineering, Sinhgad Institute of Technology and Science, Narhe, Pune.
- Three days hands on faculty development program on **"Network and Cyber Security"** jointly organized by Department of Computer Engineering, Maharashtra Institute of Technology, Academy of Engineering, Pune and Kaitech Technology, Pune.
- 15th **IEEE International conference on Advanced Computing Technologies (ICACT)**, September 2013 at Rajampeth, Andhra Pradesh.
- Two-week ISTE Workshop on **"INTRODUCTION TO RESEARCH METHODOLOGIES"**, Conducted by **IIT BOMBAY**.
- Three-day's **"International Conference on Advances in Technology and Engineering [ICATE 2013]"**, organized by SVKM's NMIMS, Mukesh Patel School of Technology Management & Engineering, Mumbai.
- Two-day's **"National Conference on Emerging Trends in Engineering and Technology [NCETET-2013]"** organized by Padmabhooshan VasantodadaPatil Institute of Technology, Budhgaon, Sangli.
- Two-day's **"c-PGCON-12"**, first post graduate symposium for Computer Engineering from University of Pune.
- Two-day's hands on Workshop for **"Mathematical Modelling using Maple"**, organized by Department of Computer Engineering, Maharashtra Academy of Engineering, Pune.
- Two-day's workshop on **"Industrial Networks and Communication"**, organized by Electronics and Telecommunication Department, Pimpri Chinchwad College Of Engineering in association with SAN Techno Mentors, Pune.
- Two-day's workshop on **"J2EE Implementation and Design Pattern"**, organized by Department Of Computer Engineering, Pimpri Chinchwad College Of Engineering, Pune.
- Four-day's faculty development program on **"Rational Application Development"** jointly organized by CSI chapter and Department Of Computer Engineering, Pimpri Chinchwad College of Engineering, Pune.
- Two-day's **"c-PGCON-13"**, second post graduate symposium for Computer Engineering from University of Pune.

Total Count:

<u>Sr. No</u>	<u>Name of Faculty</u>	<u>Patent</u>	<u>Workshop</u>	<u>STT P</u>	<u>FDP</u>	<u>International Publication in journal</u>	<u>International Publication in Conference</u>	<u>National Conference</u>
1	Prof. Anil Lohar	-	09	02	06	06	02	06