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M.Sc.(CS), MCA, Ph.D., IEEE Member

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EDUCATION

PhD in Digital Image Processing	2018
<i>Solapur University, Solapur</i>	
<i>Thesis Title: "A Study on Marathi Handwritten Character Recognition"</i>	
Master of Computer Application (MCA)	2012
<i>Punjab Technical university, Jalandhar</i>	
Master of Science (Computer Science)	2008
<i>Sangola College, Sangola (Solapur University, Solapur)</i>	
Bachelor of Science (Computer Science)	2006
<i>Vidnyan Mahavidyalaya, Sangola (Shivaji University, Kolhapur)</i>	

AWARDS AND ACHIEVEMENTS

- DRF fellowship of Solapur University 2014-2015
- Second Rank in University Level Research Festival (Avishkar 2015)
- First Rank in University Level Research Festival (Avishkar 2016 and Avishkar 2017)
- State level participation in Research festival (Avishkar 2015, 2016 and 2017)
- Best paper award "2nd International Conference on Recent Trends in Image Processing and Pattern Recognition", Dec. 21-22, 2018 @ Solapur, MH-India.

PUBLICATIONS

- Deep neural network for handwritten Marathi character recognition, vol. 17, issue. 1, pp. 95-107, ISSN 2231-525X. (2017 International Journal of Imaging and Robotics), Indexed in Scopus.
- Handwritten Marathi character recognition using R-HOG Feature, Procedia Computer Science (Elsevier), vol. 45, pp.266-274, ISSN 1877-0509 (2015), Indexed in Scopus.

- Survey on various Improved Feature Extraction and Classification Techniques on Handwritten Marathi Character Recognition, International Journal of Computer Application, pp.37-40, ISSN 0975-8887, (2015).
- “Edge Linking Algorithms for Broken handwritten Marathi characters”, International Conference on Recent Trends in image Processing & Pattern Recognition, 2018, will be published in Journal of Multimedia Tool in Application, Springer, IF=1.530, Indexed in SCI.

BOOK

- Document Image Analysis, By Parshuram M. Kamble and Ravindra S. Hegadi, LAP LAMBERT Academic Publishing ISBN: 978-620-0-47325-7

CONFERENCE / PRESENTATIONS

- Recognition of Marathi handwritten numerals using multi-layer feed-forward neural network, World Congress on Computing and Communication Technologies (IEEE), pp. 21-24, (2014), Indexed in Scopus
- Handwritten Marathi Basic Character Recognition using Statistical Method, Emerging Research in Computing, Information, Communication and Applications, (Elsevier), Vol. 3, pp. 28-33, (2014), Indexed in Scopus
- Geometrical features extraction and KNN based Classification of Handwritten Marathi characters, World Congress on Computing and Communication Technologies (IEEE), ISBN: 978-1-5090-5573-9 (2017), Indexed in Scopus
- Comparative Study of Handwritten Marathi Characters Recognition Based on KNN and SVM Classifier, Communications in Computer and Information Science, (Springer), Singapore, Vol.709. ISBN: 978-981-10-4859-3, Indexed in Scopus
- “Multi-wavelet and connected pixel based feature for handwritten Marathi characters”, In AIP Conference Proceedings, Vol. 1989, No. 1, 2018. Indexed in Scopus

PATENT

- Patent Published and under **Examination Stage** (Indian patent): App. No. 2018211008703
Name: “Methods for offline handwritten Marathi character recognition”, Date: 16-03-2018.

OTHER ACTIVITIES

- Extension work carried out: Paper setting and External examiner for PG and UG exam.
- Co-curricular: Coordinator of MCA department in GFCCT, Akhuj
- BCA and B.Sc. (CS), ECS and M.Sc. (CS) BoS member at PAH, Solapur University, Solapur.
- Organizing member of various activities: such as Conference, Workshop etc.
- Session chair at International Conference at Recent trends in Image Processing and Pattern Recognition.
- Worked as Reviewer at National and International Conferences and Journals: Springer, IEEE, Elsevier etc.
- Invited Talk at Lokmangal College of Wadala, Solapur.

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