

Prof. Dr.P. B. Khanale

Curriculum Vitae

Name: DR. Prakash Bhaskarao Khanale

Designation: Senior Coordinator,
School of Digital Education, YCMOU,
Nashik



Ex. Head, Department of Computer Science, Dnyanopasak Shishan Mandal's College of Arts, Commerce and Science, Parbhani-431401 (M.S.) India.

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DATE OF BIRTH: 8th AUGUST, 1964

ACADEMIC QUALIFICATIONS

1. **Ph.D.** (Electronics), [2005] Shivaji University, Kolhapur, (MS)-India
2. **M.Phil.** (Electronics), [1995] Shivaji University, Kolhapur, (MS)-India
3. **M.Sc.** (Physics-Electronics) [1986] Marathwada University, Aurangabad (MS)-India.

Professional & Administrative Experience

1. Teaching and Research Experience of **40+ years**
2. 10+ years as **Professor** in Physics at DSM College, Parbhani.
3. 12+ years as **Vice Principal**, Dnyanopasak College, Parbhani (M.S.)
4. 10+ Years as **Director** of Institute of Information Tech. & Mgmt at Dnyanopasak College.
5. Worked as academic counselor for M.Phil. CS and IT courses of YCMOU, Nashik, India
6. Worked as member of **Board of Studies in Computer Science** for SRTMU Nanded and Maharashtra board, Pune.
7. 1+ Year as Senior Coordinator in SCS, YCMOU, Nashik

Membership of National/Professional Bodies

1. Member, Institute of Electrical & Electronic Engineers (IEEE)
2. Work group Member, PSS **Central Institute of Vocational Education**, NCERT, Bhopal, India.
3. Paper Reviewer for Turkish Online Journal of Educational Technology (TOJET)
4. Member, Indian Science Congress Association
5. Master Trainer of MSFDA, Pune.

Organisation of Conferences/workshop

1. Workshop on Electronics and Computer Applications (1995)
2. Conference on Computers in Agriculture (1992)
3. Workshop on Linux OS along with IITD (2015)
4. Workshop on Android along with IITB (2015)
5. NCERT Workshop on Book Writing (2017)

Published Work

- A. **Books:** 45 books on Computer Science and Electronics for NCERT, New Delhi, YCMOU and Nikita Publications, Latur
- B. **Published Research Work:** 98 International Journal: 60, National Journal: Conferences: 38
- C. **Online publication of Academic Lectures on YouTube:** 405 Videos
- D. **YouTube Channel:** Learn With Prakash Khanale: https://www.youtube.com/channel/UCY0zXzl0a65m9KDgQk1_noQ
- E. Educational Video Creation for **YCMOU:** 32 and for **NCERT, PSSCIVE, Bhopal:** 26

List of research publications

Selected Publications in Research Journals

1. Khanale P.B., Kurhe A.B.

Texture Analysis of Images using Fuzzy Logic, Journal of Information & Communication Technologies, V2I4 April 2012 pp 10-13

<http://www.jict.co.uk/index/V2-I4-P10-13.pdf?attredirects=0>

2. P.S. Korde, P.B. Khanale

Utilising Recursive Storage Cache memory for Matrix Multiplication, International Journal of Computer Science & Engineering V1I1 2011, pp.21-31

<http://www.ripublication.com/Volume/ijcsev1n1.htm>

3. S.S. Satonkar, A.B. Kurhe, P.B. Khanale

Face Recognition Methods & Its applications, International Journal of ETA-ETS V4I2 2011, pp. 294-297

<http://www.aessangli.in/IJ-ETA-ETS/8.....JULY%202011-DEC-11%20VOLUME%204%20ISSUE%202%20.pdf>

4. P.B.Khanale,A.B.Kurhe

Color Perception of Images using Fuzzy Logic, Advances in Computer Science & Technology V4No1 2011, pp.1-8

<http://www.ripublication.com/Volume/acstv4n1.htm>

5. P.S. Korde, P.B. Khanale

Cache Oblivious Matrix Multiplication using Sequential Access Processing, Research Journal of IT, 2011

<http://dsmcsresearch.info/images/stories/p30.pdf>

6. P.B.Khanale, S.D.Chitnis

Handwritten Devnagari Character Recognition using Artificial Neural Network, Journal of Artificial Intelligence V4I1 pp.55-62, 2011

<http://scialert.net/abstract/?doi=jai.2011.55.62>

7. P.B. Khanale

Recognition of Marathi Numerals using Artificial Neural Network, Journal of Artificial Intelligence V3I3 2010, pp.135-140

<http://scialert.net/abstract/?doi=jai.2010.135.140>

Selected Publications in Conference Proceeding

8. **Khanale P.B.**

Face Recognition against the variation in Pose and Background, Proc. Of IEEE International Conference on Electro/Information Technology (EIT2011), Minnesota State University, Mankato, MN, USA.

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5978561&contentTyp e=Conference+Publications&queryText%3Dface+recognition+against+variation+in+pose+.AND.+background>

9. **Khanale P.B.**

Comparative Study of Recognition of Marathi Numerals using Various Artificial Neural Networks, proc. Of IAST International Congress on Computer Applications and Computational Sciences CACS 2010, Singapore

10. **Khanale P.B.**

Design Aspects of Web-based Examination System to Improve Learning in Vocational Education in Schools of India, Proc. Of 10th International Conference on Educational Technology 2010, Istanbul, Turkey

11. **Khanale P.B., Korde P.S.**

Dynamic Programming for Improving Cache Efficiency, Proc. Of International Multi Conference of Engineers and Computer Scientists IMECS2012, HongKong

12. **Korde P.S.**, Khanale P.B.

Recursive Storage Cache Memory for Matrix Multiplication, Proc. Of IEEE international conference on Recent Advances in Intelligent Computational Systems (RAICS), 2011, Trivendrum

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6069378&contentTyp e=Conference+Publications&queryText%3Dp+b+khanale>

Research Guidance

1. **Ten (10)** Research Students Awarded Ph.D. in Computer Science.
2. Completed-**04** research projects sponsored by UGC, NCERT.
3. M.Phil. Awarded number of students: **07**

Research Projects

1. Major Research Project-**“Visual Perception using Soft Computing”**

This is a completed project funded by University Grants Commission, New Delhi. Total fund granted under the project is Rs. 7, 26,800/-

2. Minor Research Project-**“Comparative Study of ANN for Marathi Numeral Recognition”**

This is also completed research project funded by Swami Ramanand Teerth Marathwada University, Nanded.

3. Completed-Minor Research Project **“An approach for Design and Development of Fuzzy Programming Language”** sponsored by UGC, New Delhi. Sanctioned amount Rs. 50,000.
4. Completed-Research Project “Online Vocational Competency Testing System” sponsored by NCERT, New Delhi.

Visits Abroad

1. **Paper Presentation**, IEEE International Conference on Electro/Information Technology (EIT 2011), Minnesota State University, Mankato, MN, USA.

2. **Paper Presentation**, IRAST International Congress on Computer Applications and Computational Sciences CACS 2010, Singapore
3. **Paper Presentation**, 10th International Conference on EducationalTechnology2010,Istanbul, Turkey
4. **Paper Presentation**, International Conference on Information Technology in Education, Elizabethtown College, PA, USA, 2004.

Awards/Recognition Received

1. **BEST TEACHER** of Swami Ramanand Teerth Marathwada University, Nanded,India2010.
2. **Gold Medal** in M.Sc. Physics-Electronics Examination of Marathwada University, 1986
3. **Best Research Participant Award** of Shivaji University, Kolhapur in National Conference on Electronics, 1995
4. **Best Citizen** Award of Global Society, Delhi.
5. **Active SPOC Award** by NPTEL,IIT,Chennai,2018.
6. **Honest Tax Payer batch** by IT department, Government of India, 2020
7. **Essay Writing Award** by YCMOU, Nashik, 2025