

PROFILE: DR. B. N. BHOSALE



I. Bio-graph:

- Name in Full : Dr Bharat Namdeo Bhosale
- Designation : Principal in Professor Grade
- Institution: Present: Professor Sambhajirao Kadam College, Deur, Tal: Koregaon, Dist.: Satara 415 524 (MS) (wef 01/10/2016)
Affiliated to: Shivaji University, Kolhapur
- Previous Institution: Shri S.H.Kelkar College of Arts, Commerce And Science, (UG and PG),
Devgad- Sindhudurg (M.S.) 416 613(wef 02/12/1992)
Affiliated to University of Mumbai
- Date of Birth: 01/06/1959
- Address for Correspondence: Principal, Professor Sambhajirao Kadam College, Deur, Tal: Koregaon, Dist.: Satara 415 524
- Permanent Address: A/P: Nerale, Tal- Karamala, Dist- Solapur

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II. Academics and Administration:

- A. Educational Qualification : **M. Sc.; M. Phil; Ph. D. (Mathematics)**
- B. Area of Specialization: Generalized Integral Transforms, Operations Research, Signal Processing, Artificial Neural Networks
- C. Employment Record:
 - a. Teaching: 36 years of teaching experience at UG, PG classes
 - b. Administrative- 27 years as the **Principal in Professor Grade**
- D. Administrative responsibilities on University and other bodies:
 1. Worked as the member of the Academic council, Senate, Faculty etc
 2. Member of the Master plan committee of the University
 3. Member of Avishkar : A State level Research Convention
 4. University Member of the District Education Committee
- E. Director of Bio-product Research and Training Centre : Centre for Extension and Consultancy : Generated over 50 lakh through participation in Central Government Scheme of Arogyapatrika soil testing project

III. Research Profile

A. Publications: THREE Books on Mathematics

1. A book titled, 'Integral transformations of Generalised functions' published by Discovery Publication House, New Delhi.
2. A Book on 'Mathematical Aspects of Physical Concepts and Physical Aspects of Mathematical Concepts' published by Discovery Publishing House, New Delhi.
3. A book on 'Artificial Neural Network Modelling' joint contribution edited by Dr S. Samarsinghe, New Zealand, Springer International publication

B. Research papers published in National/International Journals: 20

C. Participation in International conferences held abroad:

Invited talks, contributed talks ,paper presentations , organisation of special sessions, chairing the sessions at the international conferences held in *USA, France, UK, Switzerland, Germany, Italy, Russia, Malaysia, Brazil, Turkey, Canada, Austria, Sri Lanka, Australia, Norway*

D. Rresearch projects with international collaborations :

1. *Theory of Solitons, wavelets, nonlinear optics and signal processing with Delaware State University, Dover, USA.*
2. *Collaborative project on Curvelets and Artificial Neural Networks with ICNPAA , USA.*
3. *UGC sponsored project on Fractional Fourier Analysis in Distributional and Ultra-distributional set-up and Image processing.*

E. Reviewer/referee: Nominated as the referee/reviewer for the International Journals and reviewed several papers

1. **International Association of Computer Science and Information Technology: International journal of Applied Physics and Mathematics**
2. **Mathematical Reviews / MathSciNet: A division of American Mathematical Society, USA**

3. **International journal of Nonlinear Science and Numerical Simulations IJNSNS, Hong-Kong**
4. International journal : Waves in Random and Complex Media, UK
5. International journal : SCIENTIA IRANICA, Iran.

F. Honourary Membership of the National/International professional bodies/Societies:

1. Indian Mathematical Society (IMS)
2. American Mathematical Society (AMS)
3. International Association of Computer Science and Information Technology, Singapore (IACSIT)
4. American Association of Science and Technology, USA
5. International Congress on Mathematical problems in Engineering, Aerospace and Sciences, ICNPAA , USA
6. Modeling and Simulation Society, MODSIM Australia-New Zealand

G. Research Guide: Shivaji University, Kolhapur

H. D.Sc. Supervisor: Sant Gadgebaba Amaravati University

I. Ph.D Thesis Referee: Pune, Amaravati Universities

1. **Savitribai Phule University of Pune**
2. **Sant Gadgebaba University of Amaravati**
3. **Swami Ramanand Tirth Marathwada University Nanded**

IV. Awards / Prize (s) (Individual/Institutional):

1. Bharat Gaurav Award, 1997
2. Bharat Excellence Award, 1998
3. Best College Award, University of Mumbai, 2004
4. Best Teacher Award, 2010
5. Paryaviran Mitra 2010
6. Best Nirmal Mahavidyalaya, Government of Maharashtra, 2010

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