

# CURRICULUM-VITAE

## Prof. Bhausahab Shankar Desale

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### 1. EDUCATIONAL QUALIFICATIONS:

- Doctor of Philosophy (Ph. D.) Mathematics: **IIT, Bombay, 2007**
- Master of Science (M. Sc.) Mathematics: **University of Pune, 1991**
- Bachelor of Science (B. Sc.): **University of Pune, 1989**
- SOFTWARE EXPOSURE: Linux, Windows. MATHEMATICA, MATLAB, LaTeX, Microsoft Word, Excel and Power Point.

### 2. PROFESSIONAL EXPERIENCE:

#### ➤ Teaching and Research Experience: 30 years

1. Professor in Mathematics (Through CAS): 9 ½ Years (Since October 12, 2013)
2. Associate Professor in Mathematics: 03 years (October 12, 2010 to October 11, 2013)
3. Reader in Mathematics: 03 years (12-10-2007 to 11-10-2010)
4. Assistant Professor: 14 years (12-07-1993 to 11-10-2007)

#### ➤ Administrative Experience and Activities:

1. **Head of the Department:** Department of Mathematics, University of Mumbai, Mumbai 400098 (Since 1<sup>st</sup> July, 2023)
2. **Head of the Department:** October 20, 2011 to February 13, 2013.
3. **Observer:** SET (State Eligibility Test for lectureship) Examination, December, 2010, conducted by University of Pune.
4. **The Deputy Director (Central Assessment Project)** Examination work at the North Maharashtra University, Jalgaon, May/June, 2009.
5. **The CAP (Central Assessment Project) Officer :**) Examination work at the North Maharashtra University, October/November, 2008.
6. **Organizing Secretary:** Distinguished Colloquium Lecture “Mathematical Modeling of Certain Physical Processes in Engineering Sciences”, March 17, 2008.

7. **Joint Organizing Secretary (Admin):** National Conference on “INDUSTRIAL STATISTICS AND COMPUTATIONAL MATHEMATICS” held on January 21-23, 2010. Organized by School of Mathematical Sciences, North Maharashtra University, Jalgaon, India.
8. **Coordinator:** Three day HRD workshop “**Feel Leadership**” for M. Sc. Mathematics & Statistics students, 27-29 December, 2008 at School of Mathematical Sciences, North Maharashtra University, Jalgaon.
9. **Convener:**
  - I National Conference on Differential Equations and Applications (**NCDEAA-2014**) held at Department of Mathematics, University Of Mumbai, Vidyanagari, Mumbai on February 14-15, 2014.
  - II National Conference on Mathematical Sciences (**NCMS-2012**), Held at School of Mathematical Sciences, North Maharashtra University, Jalgaon on March 5, 2012.

### 3. RESEARCH INTEREST:

- Differential Equations
- Fluid Dynamics
- Special Functions
- Fixed Point Theory

### 4. NO OF Ph. D. /M. Phil STUDENTS GUIDED SUCCESSFULLY:

- Ph. D.: 07(Awarded), 04 (Registered)
- M. Phil: 01 (Awarded)

### 5. CITATIONS:

- Citations: 148
- h-index: 7
- i10-index: 5

### 6. RESEARCH PROJECT:

- Minor Research Project funded by University Grants Commission (UGC) of India (Sanctioned amount Rs.190000/-): **Nonlinear Plane waves in Rotating Stratified Flows:** From July 2012 to June 2014.

### 7. PROFESSIONAL MEMBERSHIP:

- Member of IAENG International Journal of Applied Mathematics
- Life Member of Indian Mathematical Society
- Life Member of Indian Science Congress
- IMRF Annual Membership 2021, International Multidisciplinary Research Foundation, Vijaywad, India.

## 8. AWARDS/FELLOWSHIPS:

- Received “**NATIONAL DISTINGUISHED RESEARCH AWARD-2021 IN FLUID DYNAMICS**” by International Multidisciplinary Research Foundation, Vijaywada, India.
- BOS Member in Engineering Sciences, D. Y. Patil Group’s Ramrao Adik Institute of Technology (RAIT), Navi Mumbai (Since 2020)
- Member of BOS in Mathematics, M. J. College, Jalgaon (Since 2019)
- Financial support from National Board of Higher Mathematics for presenting the Research paper in the “**6th International Congress on Industrial and Applied Mathematics**” held in Zurich, Switzerland, July 16 to July 20, 2007.
- Research Fellowship [Received from All India Council of Technical Education, Govt. of India for the Graduate Study at Indian Institute of Technology Bombay, July 2003 to July 2006.

## 9. Publications:

- **Number of Books Published: 03**
- **Number of Research articles: 39**
- **Number of Proceeding Articles: 04**

## 10. Number of Conferences/ Workshop Attended/ Paper presented: 29

- **Research Paper presented: 12**
- **Invited Talk/Session Chaired/Resource Person: 8**
- **Attended/Participated: 13**

I hereby declare that all the statements above are true and complete to the best of my knowledge.

Place: Mumbai, India

Date: July 2023

Prof. Bhausaheb Shankar Desale