

# Brief Biodata of Professor B. A. Chopade

## Vice-Chancellor

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad,  
Maharashtra, India



Present Position : **Vice-Chancellor**  
Address : Dr. Babasaheb Ambedkar Marathwada University,  
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Date of Birth : 01/07/1956

**Academic Qualifications** : M.Sc., Ph.D, Post-Doctoral Research

Post-Doctoral Research	: University of Illinois, Chicago, U.S.A. (Genetic Engineering and Molecular Biology)	Research	1994-1996
Ph.D Microbiology	: University of Nottingham, England (Microbiology and Molecular Genetics)	Research	1983-1986
M.Sc Microbiology	: University of Pune, India	1 <sup>st</sup> Class	1978-1980
B.Sc Microbiology	: Shivaji University, Kolhapur, India (1 <sup>st</sup> Rank in University)	Distinction	1975-1978

### Academic Career

2014 - till date : Vice-Chancellor, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, India.

2012 - 2014 : Coordinator, (UPE) Phase II, Focus area Biotechnology, University of Pune.

2010 - 2012 : Coordinator, (UPE) Phase II, Focus area Biotechnology, University of Pune.

2006 - 2012 : Director, Institute of Bioinformatics and Biotechnology (IBB), University of Pune, Maharashtra, India.

2006 - 2010 : Coordinator, University of Potential Excellence (UPE) progress of UGC, Phase I, Focus Area : Biotechnology, University of Pune, India.

2003 - 2006 : Head, Department of Microbiology, University of Pune, India.

2000 - 2014 : Professor of Microbiology, University of Pune, India.

1994 - 1994 : Head, Department of Microbiology, University of Pune, India.

1996 - 2000 : Head, Department of Microbiology, University of Pune, India.

1996 - 1999 : Associate Professor of Microbiology, University of Pune, India.

1988 - 1991 : Senior Assistant Professor of Microbiology, University of Pune.

1986 - 1987 : Assistant Professor of Microbiology, University of Pune, India.

1983- 1986 : Research Scholar, Department of Microbiology, University of Nottingham, England, Great Britain.

1982- 1983 : Assistant Professor of Microbiology, University of Pune, India.

1980 - 1981 : Assistant Professor of Microbiology, Shivaji University, Kolhapur.

Research and Teaching Experience : 36 years  
Administrative Experience : 32 years

**Major Areas of Research** : Microbiology, Plasmid biology, Molecular biology, Virology and Nanobiotechnology, Nanotechnology, Nanomedicine

### Completed Advanced Research

Post-Doctoral scholars: 10 Post-Doct Scholars completed research  
Ph.D students : 29 awarded Ph.D Degree  
MPhil : 04 awarded MPhil Degree  
M.Tech : 18 awarded M.Tech Degree

### Research Projects

1. Current Research Projects : 01 (UPE Phase II)
2. Research Projects Completed : 35
3. Total funding obtained : ` 10 crores

### Publications :

Total Number of Publications : 126  
Papers in International Journals : 126  
Book Chapters : 07  
Patents (USA and Indian) : 02 (USA), 07 (India)

### Citations

Total citations : 2626  
h-index : 30  
i10 index : 62  
Papers Presented in Conferences : 170 (International 90; National 160)

**USA Patents** : I) United States Patent (2008), 7341868  
II) United States Patent (2004), 0138429.

Indian Patents : 07

**Books Published** : 1. Chopade B. A. (2009) Editor, Wealth of India, Volumes on Biodiversity, NISCAIR, CSIR, Government of India, New Delhi, ISBN No. 81-85038-00-7  
2. Chopade B.A. (2016) Navyugnivmate Bharat Ratna Dr. Babasaheb Ambedkar, Kailash Publications, Aurangabad, Maharashtra, India. ISBN No.: 978-93-844451-84-4

**Product Development:** New Herbal Medicine “**Infex**” Manufactured by Shruti Herbal Pharma Ltd., Bangalore in 2005

### International Awards and Recognition

1. Bronze Medal (2009) by iGEM, International Genetically Engineered Machines,

Massechusetts Institute of Technology (MIT), Boston, U.S.A.

2. Marcus's Who's Who in Medicine, U.S.A. (2002).
3. Marcus's Who's Who in Education, U.S.A. (2002).
4. Marcu's Who's Who in Science and Engineering U.S.A. (2001).
5. Marcus's Who's Who of the World, U.S.A. (2000)
6. Who's Who in Asia (2006).
7. Who's Who in Asia Pacific (2002).
8. Biography Published (2000) by American Biographical Institute (ABI), U.S.A.
9. Biography Published (2000) by International Biography Center (IBC), Cambridge, England.
10. Recipient of NIH Fogarty International Research Fellowship Award (1994-96) Govt. of U.S.A.
11. Visiting Scientist (1990) at Pasteur Institute, Paris, France.
12. Visiting Scientist (1990) at King's College, University of London, Great Britain.
13. IUMS Travel Award (1986) by International Congress of Microbiology and Society for General Microbiology (SGM), England, Great Britain.
14. Reviewer of Papers (1990-Present) from International Scientific Journals and Academic Organizations in Science and Technology.

### **National Awards and Recognition**

1. Babasaheb Ambedkar Award from SC/ST Legislators and Parliamentarians of India (2016) at Chandigarh, India.
2. Samrat Award (2016) by Dainik Samrat, Mumbai, Maharashtra, India.
3. Pradnya Bhushan Dr. Babasaheb Ambedkar Award (2014) Aurangabad, Maharashtra.
4. Best Research Paper Award (2012) International Conference on Current Trends in Medicinal and Plant Research, Department of Botany, University of Pune.
5. Pradnyawant Award (2011) by Dadasaheb Undalkar Pratishtan, Undale, Karad, Maharashtra.
6. Best Research Paper Award in Bioinformatics (2009) by Society of Biological Chemists of India. (SBC) 78<sup>th</sup> Annual Meeting, National Centre for Cell Science, Pune, India.
7. Best Research Paper Award (2006) by National Conference on Environmental Technology, University of Mumbai, Mumbai, India.
8. Best Research Paper Award in Haematology (2005) by International Conference of Haematology (ICH), Kolkata, India.
9. Bharat Excellence Award (2002) by Friendship Forum of India, New Delhi, India.
10. Summer Fellowship of Indian Academy of Sciences (IAS) Bangalore (2001) India.
11. Reviewer and Expert for Maharashtra Public Service Commission (MPSC) Mumbai, Govt. of Maharashtra (1997 onwards).
12. Best Teacher Award (1993) by Pune Municipal Corporation, Pune, Maharashtra, India.

13. Recipient of National Overseas Scholarship (1991-1993) by Ministry of Education and Culture, Govt. of India, New Delhi for Post-Doctoral Research in Genetic Engineering in USA.
14. Reviewer of Research Projects from DBT, DST, CSIR, UGC, ICMR, ICAR, ISRO and MFPI Government of India, New Delhi.(1990 onwards).
15. Best Research Paper Award in Microbial and Molecular Genetics (1988 & 2002) by Association of Microbiologist of India (AMI), India.
16. Secretary Association of Microbiologist of India (1988-1991) Pune Unit, India.
17. Reviewer of Research Papers from Scientific Journals and National Academic Organizations in India (1986 to present).
18. Recipient of National Overseas Scholarship (1983-1986) by Ministry of Education and Culture, Govt. of India, New Delhi for Doctoral Research in Microbiology (Microbial Genetics) in England.
19. Selected by Maharashtra Public Service Commission (MPSC) (1982), as Head, Department of Microbiology, Rajaram College, Kolhapur, Maharashtra, India.
20. Award for Scientific Writing (1978) Shivaji University, Kolhapur, India.
21. Principal Investigator of Research Projects from DBT, CSIR, UGC, ICMR, ISRO, MFPI, DST etc.

### **Membership of Learned Societies**

1. Member : American Society for Microbiology (ASM), USA. (since 1994)
2. Member : American Association for Advancement of Science (AAAS) USA.(since 1991)
3. Member : Society for General Microbiology (SGM) England. (since 1983)
4. Member : Pan American Marine Biotechnology Association (PAMBA) USA. (since 2003)
5. Member : Indian Water Works Association (IWWA) India (since 1987)
6. Member : Association of Food Technologists of India (AFTI) India (since 1989)
7. Life Member : Association of Microbiologists of India (AMI) India. (since 1988)
8. Life Member : Society of Biological Chemists of India (SBC) India. (since 1990)
9. Life Member : Biotechnology Society of India (BSI) India. (since 1997)
10. Life Member : Indian Association of Medical Microbiologists (IAMM) India. (since 1998)
11. Life Member : Indian Science Congress Association (ISCA) Kolkata, India. (since 1988)
12. Life Member : Bharatiya Vidya Bhavan, Mumbai, India. (since 1993)
13. Life Member : Indian Drugs Association (IDA) India. (since 1990)
14. Life Member : Association of Zoologists of India (AZI) India. (since 2007)
15. Life Member : Indian Society of Nutrition (since 2010)
16. Life Member : Asia Pacific Bioinformatics Network (APBioNet) Singapore (2012)

## Member of UGC & CSIR New Delhi Committees

1. Chairman : UGC Committee for Major Research Projects (2013 – 2014, 2015), UGC, New-Delhi
2. Chairman : UGC Committee (WRC) for Assessment of Proposals for Minor Research Project and Seminars/ Conferences / Workshops / Symposiums (2012)
3. Chairman : UGC Expert Committee on International Travel Grants(2012) UGC, New Delhi.
4. Chairman : UGC 10<sup>th</sup> Plan Proposals for Innovative Programme in Microbiology and Biotechnology (2008-2010) UGC, New Delhi.
5. Chairman : UGC Committee for Minor Research Projects (1997-2003 and 2003-2006) UGC, New Delhi. Southern Regional Center, Pune, University Campus.
6. Member : CSIR-Indian Institute of Integrated Medicine (IIIM), Jammu. Committee for selection of scientist in Biotechnology and Microbiology (August 2012)
7. Member : CSIR- National Chemical Laboratory (NCL) Pune. Committee for selection of scientist in Biotechnology and Microbiology (May 2012)
8. Member : UGC Committee for Granting Deemed University Status (2008-2009) UGC, New Delhi.
9. Member : UGC Committee for Mid Term Review and Ongoing Projects (2008 – 2010) UGC, New Delhi.
10. Member : UGC Review Committee for Evaluation and Confirmation of Deemed Universities in India UGC, New Delhi (2009).
11. Member : UGC Committee for Travel Grants for Overseas Conferences and Seminars (2008-2010) UGC, New Delhi.
12. Member : UGC Committee for Evaluation of Research Projects (2008-2009) UGC, New Delhi.
13. Member : UGC Committee for Evaluation of Research Projects (2002-2007) UGC, New Delhi.
14. Member : Committee for Rejuvenation Grant for Old Universities (2009).
15. Member : UGC 10<sup>th</sup> Plan Committee (2002) University of Pune.
16. Member : UGC Standing Committee on Reservation, University of Pune (1988-present)
17. Member : Committee for National Assessment and Accreditation Council (NAAC) University of Pune (2009)
18. Member : Committee for University of Potential Excellence (UPE) Phase II, University of Pune (2011-12)
19. Nominee : UGC Advisory Committee on Department of Special Assistance, DRS-1 UGC-SAP (2010-2015) UGC, New Delhi.

20. Coordinator : University of Potential Excellence (UPE) Phase II. Focus area  
Biotechnology, University of Pune (2012 -2017)

### **Editorial Board of Research Journals**

1. Editorial Board of Wealth of India. Volumes on Biodiversity, NISCAIR, Council of Scientific and Industrial Research (CSIR), New Delhi (since 2009)
2. Chief Editor : IBB, Research Bulletin, Institute of Bioinformatics and Biotechnology (IBB), University of Pune (since 2012)
3. Research Journal of Biotechnology (since 2008)
4. Iranian Journal of Biotechnology (since 2007)
5. Asian Journal of Microbiology and Biotechnology (since 2006)
6. Journal of Zoology (since 2007)

### **Reviewer of Papers in Journals from Abroad**

1. Current Science (since 1990)
2. Indian Journal of Medical Research (since 1988)
3. National Medical Journal of India (since 1988)
4. Indian Journal of Experimental Biology (since 1996)
5. Indian Journal of Marine Sciences (since 2000)
6. Journal of Scientific and Industrial Research (since 1998)
7. Journal of Food Science and Technology (since 1991)
8. Indian Journal of Medical Microbiology (since 1990)
9. Indian Journal of Microbiology (since 1988)
10. Indian Journal of Biotechnology (since 2002)
11. Indian Journal of Dental Science
12. Indian Journal of Science and Technology (2012)
13. Indian Journal of Pediatrics (2014)

### **Reviewer of Papers in Journals from India**

14. PLoS 1 (2012 to 2014)
15. Colloids and Surfaces B. Biointerfaces (since 2010)
16. FEMS Microbiology Letters (since 2010)
17. Journal of Applied Microbiology (since 2010)
18. World Journal of Microbiology and Biotechnology (since 1998)
19. International Journal of Food Microbiology (since 2001)
20. Journal of Nanoscience and Nanotechnology (2013)

21. Journal of Applied Microbiology and Biotechnology (2013)
22. Process Biochemistry (2012)
23. Environment Science and Technology (2015)
24. Microbiological Research (2015)
25. Nanotechnology (2015)
26. Applied and Environmental Microbiology (2015)
27. African Journal of Biotechnology (2012)
28. Water, Air and Soil Pollution (2010)
29. Environmental Technology (2011)
30. Bioresource Technology (2012)
31. Journal of Applied Microbiology (2011)
32. African Journal of Microbiology (2012)
33. Current Microbiology (since 2010)
34. Biotechnology and Bioprocess Engineering (since 2011)
35. Journal of Biotechnology (since 2012)
36. Applied Biochemistry and Biotechnology (since 2010)
37. Ecotoxicology and Environmental Safety (since 2010)
38. Environmental Science (2015)
39. Journal of Nanomedicine and Nanotechnology (2014)
40. Research in Microbiology (2014)
41. Journal of Aquaculture Research (2012)

#### **His Excellency Chancellor's Nominee**

1. Nominee : His Excellency, Governor of Maharashtra and Chancellor of Universities in Maharashtra, his Nominee for North Maharashtra University (NMU), Jalgaon (2010-2015)
2. Nominee : His Excellency, Governor of West Bengal and Chancellor of Universities in West Bengal, his Nominee for University of Kolkata, (2001-2002).

#### **Vice-Chancellor's Nominee**

3. Nominee : Selection of Professors and Principals in Faculty of Pharmacy, University of Pune (1990- Present).
4. Nominee : Selection of Professors and Principals in Faculty of Science, University of Pune (1990- Present).

5. Nominee : Selection of Professors and Principals in Faculty of Engineering, University of Pune (1990- Present).
6. Nominee : Selection of Professors and Principals in Faculty of Ayurved, University of Pune (1990- 2004).
7. Nominee : Selection of Professors and Principals in Faculty of Management, University of Pune (1990- Present).
8. Nominee : Vice-Chancellor's Nominee for Reservation, University of Pune (1988-Present).
9. Nominee : Selection of Principals and Professor in Faculty of Education, University of Pune, since 1998.
10. Nominee : Vice-Chancellor's Nominee for Social Sciences, University of Pune.
11. Nominee : Selection of Research Fellows at National Centre for Cell Sciences (NCCS), Pune (2010 to 2012).
12. Nominee : Selection of faculty of Pharmacy of Engineering and Ayurveda. Bharati Vidyapeeth Pune. 2012 – till date

#### **Nominee : Department of Biotechnology (DBT), Govt. of India**

1. DBT Nominee in the IBSC of Reliance Technoogy Group (RTG). Reliance Industries Ltd., Mumbai (2012-2015)
2. DBT Nominee in the IBSC of Agharkar Research Institute (ARI), Pune (2012-2015) Institute of Department of Science and Technology, Govt. of India.
3. DBT Nominee in the 1BSc of Somaya Refinery ltd, Bharatwadi, Karnataka (2013–2018)

#### **Local Inquiry Committies (LICs) of Affilated Colleges**

1. Chairman : More than 200 times for Local inquiry committiees(LIC) of Affiliated Colleges of University of Pune (1990 - present).
2. Chairman : Committee for Permanent Affiliation of Modern College, Pune Shivajinagar (2009-2010).
3. Chairman : Committee for Permanent Affiliation of Modern College, Pune Ganeshkhind (2009).
4. Chairman : Committee for Permanent Affiliation of Arts and Commerce College, Saswad, Pune
5. Chairman : Committee for Approval of permission for Post Graduate



courses at various colleges of University of Pune

### **Examination Committees / Ph.D. Referee**

1. Chairman : Board of Examinations, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (2014 – Present)
2. Chairman : 32(5) (a) for Appointment of paper steeter, examiners and moderators.
3. Chairman : Committee M.Sc. Microbiology Examination, University of Pune, (1998-2000; 2003-2005)
4. Chairman : Committee for Biotechnology Examination, University of Pune, (2006-2012)
5. Chairman : Committee for 5 years Integrated M.Sc Biotechnology Examination (IBB), University of Pune, Pune 411007 (2006-till date)
6. Chairman : Committee for M. Tech Biotechnology, Institute of Bioinformatics and Biotechnology (IBB), University of Pune, Pune 2008-till today
7. Chairman : State Eligibility Test (SET) in Microbiology, for States of Maharashtra and Goa (1997-2000)
8. Member : Committee for M.Sc. Microbiology Examination, University of Pune (2003-2006 and 2007-2012)
9. Member : State Eligibility Test (SET) in Microbiology and Biotechnology for States of Maharashtra and Goa (2000-2003, 2005-2006)
10. Referee : Referee for Ph.D for more than 50 theses in Microbiology, Biotechnology and Nanotechnology, from state and central universities as well as number of national research institute like BARC, JNU, Delhi University etc.

### **Product Development**

4. My research on medicinal plants has resulted into development of a new herbal antimicrobial medicine, “Infex” (2001). This is very effective against sore throat, cough and respiratory tract infections. It is manufactured in India and marketed by Shrushti Herbal Pharma Ltd., Bangalore, India. This is extensively used medicine in India.
5. Developed a novel bioinoculum of *Acinetobacter* genospecies for growth promotion of various crop plants of agriculture importance of our country.  
USA Patent obtained in 2008.
6. Developed a novel biocontrol agent of *Acinetobacter* spp. for control of various phytopathogens and effective biocontrol of plant diseases.  
Indian Patent under process

7. Developed a new veg medium from natural plant sources for growth of microorganisms.  
The Indian Patent under process.
8. Developed a new method for the purification of DNA and RNA employing a plant based natural detergent.  
USA Patent is under process.
9. Developed a new method of processing and preservation of Neera a natural herbal organic health drink for *Phoenix sylestris*  
USA and Indian Patent is under process.

### **Consultancy Services Provided**

10. Approved Consultant to Environmental Microbiology by Ministry of Environment (MoE), Government of India, New Delhi.
11. Since 1988 till date consultancy to various agricultural, food, pharmaceutical and environmental industries related to microbiology and biotechnology.
  - I. Steelmat India Ltd. Pune
  - II. Unity Metals Works Ltd. Kolhapur
  - III. Srushti Herbal Products, Bangalore
  - IV. Chordia Food products, Pune
  - V. Nidus Biotech Company. Ltd., Pune
  - VI. Puncham Aquaculture Farm Ltd., Mumbai
  - VII. Weikfield Agro Products Ltd., Pune
  - VIII. Praj Industries Ltd., Pune

Consultant to Defence Research and Development Organization (DRDO) projects on biosafety and microbial warfare

**Foreign countries visited :** Great Britain, Scotland, France, USA, Spain, Japan