

CURRICULUM VITAE

Dr. SHIVAJI.B. BOLE M.Sc., B.Ed., M.Phil., Ph.D

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ADDRESS FOR COMMUNICATION

#141, I Main, III Cross, Hrishikesh Nagar,
Hosakerehalli,
B S K III Stage,
Bangalore-85.

CAREER OBJECTIVE

Dedication to Academics and Research field to have an opportunity to develop this profession and extend my support in producing positive result, by doing legal contributions to the organization wherever I work.

DETAIL CAREER HISTORY AND ACCOMPLISHMENT

RESEARCH WORK

Ph.D. awarded from Jawaharlal Nehru Technological University Hyderabad in Chemistry entitled "Synthesis and Pharmacological Screening of Substituted fluoro pyrazole".

M.Phil. awarded from Prist University in Biochemistry entitled "Isolation and characterization of alpha amylase from *aspargillus niger*".

TOTAL PROFESSIONAL EXPERIENCE: 17.5 years.

Presently working as Associate Professor Dept of Biotechnology, The Oxford College of Science Bangalore. Since Mar 2010.

Worked as Assistant Professor at Don Bosco Institute of Biosciences Bangalore. From Oct 2008-Feb 2010.

Worked as Lecturer at Nargund College of Pharmacy, Bangalore. From Aug 2001-Sep 2008.

Worked as lecturer at Kalidas P.U.College, Badami. From Sep 1999-May 2001.

INDUSTRIAL EXPERIENCE: 1 Month

Worked as Quality Control Chemist at Madhur Pharma and Research Laboratories, Bangalore.
From 01.June.2001 to 30.June 2001.

EDUCATIONAL RECORD

Ph.D. In **Chemistry** Awarded from Jawaharlal Nehru Technological University Hyderabad.

M.Phil. Awarded from Prist University Tanjavur.

M.Sc. Passed in **1999** with First Division from Karnataka University, Dharwad,

B.Sc. Passed in **1997** with second Division from Karnataka University, Dharwad.

B.Ed. Passed with **Distinction** from Bangalore University, Bangalore.

RESEARCH PAPER PUBLICATION

1. **Shivaji.B.**, Nagaraj N,Sadya V,Supriya G, Pranitha,Manju R, Kiran B, Lalith V.Antioxidant and anti bacterial activity of butter fruit (Avocados) seed extract: World Applied Sci Jl: 9(6): 2010:695-698:
2. **Shivaji.B.**, L.V.G.Nargund, Narendra. Sachindra L.N. Synthesis and antibacterial activity of substituted fluoro pyrazole. Jl. Ultra Chemistry: 6 (3): 2010:303-306:
- 3 **Shivaji.B.**, L.V.G.Nargund, Sachindra L.N. Production and characterization of alpha amylase from *aspergillus niger* Jl. Ultra Chemistry: 6 (3):2010:269-274:
- 4 **Shivaji.B.**, Nagaraj N,Sadya V,Supriya G, Pranitha,Manju R, Kiran B, Lalith V. “Comparative study of Antibacterial and Antioxidant activity of plant extract - Amla [*Phyllanthus emblica* L.] Tulsi [*Ocimum tenuiflorum* L.] Neem [*Azadirachta indica* A.Juss]”International Jl. Pharmacophore: 1(3):2010:178-183
- 5.**Shivaji.B.**, L.V.G.Nargund, Sachindra L.N. Devaraju K S.Shrithi SD. Synthesis, invivo, insilico anti inflammatory activity studies of substituted fluoro pyrazole: Accepted; Research Jl. Pham, Biol. and Chem Science. 2(3):2011:119-127.
6. **Shivaji.B.**, L.V.G.Nargund, Devaraju K S.Rama Nargund., Vedamurthy A B, Synthesis of substituted fluoro pyrazole for anti bacterial and antioxidant activity. Int. Jl. Pham, Research and Development. 3(6): 2011: 161-166.
7. **Shivaji.B.**, L.V.G.Nargund, Devaraju K S.Rama Nargund., Vedamurthy A B, Shrithi SD. Synthesis and Biological Evaluation novel pyrazole derivatives as urease inhibitors. Der Pharma Chemica: 3(5): 2011:73-80.
8. **Shivaji.B.**, Ashwini M, Nisha Lather,Vedamurthy A B, Sambalu, In vitro antioxidant and anti-inflammatory activity of *Coccina grandis*: Int. Jl. Phrm. Pharmsci: 4(3): 2012:239-242.
9. **Shivaji.B.**, Anu S, Deepashree Math, Vandanasingh, Shruthi S, Vedamurthy A B, Sambalu, Phytochemical screening antioxidant and anti bacterial activities of *piper longum*. Int.Jl. current research. 5(2): 2013:148-152.

10. **Shivaji.B.**, L.V.G.Nargund, Satharam Nayak, Vedamurthy A B, Antioxidant and Anti inflammatory activities of novel pyrazole derivatives. Int. Jl. current research 5(2): 2013: 181-184.
11. **Shivaji Bole**, Anu S, Deepashree GH Math, Shruthi S, Vandana Singh, Sam Balu, Vedamurthy A B, Phytochemical Screening and Antioxidant activity of *lepidium sativum linn.* Seeds. Intl. Jl. Phytopharmacy research. 4(2): 2013: 64-67.
12. **Shivaji Bole**, Shivakumara, Seitajit Singh Wahengbam, Naveen kumar Rana,Swarnava Kundu, Siddharth Dubey, Vedamurthy AB. Phytochemical Screening and Biological Activities of *Impatiens balsamina*. L Seeds. World. Jl. Pharmacy and Pharmaceutical Sciences. 2(6):2013: 5363-5376.
13. **Shivaji Bole**, Anindita Maji, Ankita Dey, Ashutosh Acharya, Siddharth Dubey, Rakeshlal. Isolation, Purification and Characterization of Amylase from Airborne-Bacteria. World. Jl. Pharmacy and Pharmaceutical Sciences. 2(6):2013: 5878-5887.
14. **Shivaji Bole**, Preeti L., Madhusing. Isolation, Purification and Characterization of protease from Airborne-Bacteria.- World. Jl. Pharmacy and Pharmaceutical Sciences. 3(4):2014:1150-1161.
15. **Shivaji Bole** , Dhriti V1., Chowdary P. V. V1., Rahul J1., Vishank G1 Free radical scavenging and anti-diabetic activity of *kigelia pinnata*. World. Jl. Pharmacy and Pharmaceutical Sciences. 3(4):2014:1249-1262.
16. **Shivaji Bole**, Kumudini, Jayashree.Phytochemical Screening and Biological activities of Medicinal Plant Coleus Aromaticus.- World Jl Pharmacy and Pharmaceutical Sciences. : 3 (6) 2014: 974-986.
17. Shivaji Bole, Nithisha K. T., Lavanya S., and Mahesh M. Isolation, purification and characterization of pectinase, European Journal of Biomedical & Pharmaceutical sciences : **3 (9) :438-443 : 2016**

RESEARCH PAPER PRESENTATION

1. **Shivaji.B.**, L.V.G.Nargund,Vivekreddy, Shruthi Nagaraj,Vedamurthy A B, Devaraju K S “Synthesis, invivo, insilico antibacterial, anti-inflammatory activity of substituted fluoro pyrazole” Conference on Recent Trends in genomics and Proteomics. Conducted during 26th and 27th May 2011.Dept of Biotechnology and Microbiology, Bangalore University, Bangalore.
2. **Shivaji.B.**, L.V.G.Nargund, Ashwini M, Siniramdas, Vedamurthy A B, Devaraju K S Synthesis of substituted fluoro pyrazole for antibacterial and antioxidant activity. Conducted during 26th and 27th May 2011.Dept of Biotechnology and Microbiology, Bangalore University, Bangalore.
3. **Shivaji.B.**, L.V.G.Nargund, Ashwini M, Vivekreddy, Vedamurthy A B, Synthesis and Biological evaluation Nobel Pyrazole Derivatives presented at National conference on Chemistry, Biotechonoly in Health. At Reva Group of Institution Bangalore. Nov 24-25 2011.

4. **Shivaji.B.**, Ashwini M, Nisha Lather, Vedamurthy A B, Sambalu In vitro antioxidant and anti-inflammatory activity of *Coccina grandis*. Presented at National conference on At CMR group of institution, Bangalore. Feb 24-03-2011 -25-03-2011.
5. **Shivaji.B.**, Ashwini M, Nisha Lather, Vedamurthy A B, Sambalu, Phytochemical Screening and in vitro antioxidant activity of *Coccina Grandis* presented at National conference on bioactive compounds and therapeutics. Held on 27.02.2012 - 28.02.2012 at The Oxford College of Science, Bangalore.
6. **Shivaji.B.**, Ashwini M, Nisha Lather, Vedamurthy A B, Sambalu, Phytochemical Screening and in vitro anti-inflammatory activity of *Coccina Grandis* presented at national conference on bioactive compounds and therapeutics. Held on 27.02.2012 - 28.02.2012 at The Oxford College of Science, Bangalore.
7. **Shivaji.B.**, Anu S, Deepashree Math, Vandanasingh, Shruthi S, Vedamurthy A B, Sambalu, Phytochemical Screening Antioxidant and anti-bacterial activity of piper longum presented at 5th Annual KSTA conference on Science and Technology for society transformation Held on 19.12.2012-20.12.2012 at Dayanand Sagar Institutions, Bangalore.
8. **Shivaji Bole**, Siddharth Dubey, Madhu Singh, Ramya L, Ashwini E. Shivakumara, Phytochemical Screening and Biological activities of *impatiens balsamina*. L. seeds. Presented at 6th Annual KSTA conference on Science and Technology for Promoting Innovative Research and Development. Held on 20.12.2013 - 21.12.2013 at Christ University, Bangalore.
9. **Shivaji Bole**, Anindita Maji, Ankita Dey, Anup, Gayathri, Sonia. Isolation, Purification and Characterization of Amylase from Airborne-Bacteria. Presented at 6th Annual KSTA conference on Science and Technology for Promoting Innovative Research and Development. Held on 20.12.2013 - 21.12.2013 at Christ University, Bangalore.
10. **Shivaji Bole**. Kumudini, Jayashree., M, Rakesh, Neha Kulvekar, Utsav Sen. Phytochemical Screening and Biological activities of Medicinal Plant *Coleus Aromaticus*. Presented at 6th Annual KSTA conference on Science and Technology for Promoting Innovative Research and Development. Held on 20.12.2013 - 21.12.2013 at Christ University, Bangalore.
11. **Shivaji Bole**. Preeti L., Madhusing Isolation, Purification and Characterization of protease from Airborne-Bacteria. Presented at National conference on Beyond the frontiers in science & technology. Held on 27.03.2014 - 28.03.2014 at The Oxford College of Science, Bangalore.
- 12 **Shivaji Bole** , Dhriti V., Chowdary P. V. V., Rahul J., Vishank G. Free radical scavenging and anti-diabetic activity of *kigelia pinnata*. Presented at National conference on Beyond the frontiers in science & technology. Held on 27.03.2014 - 28.03.2014 at The Oxford College of Science, Bangalore.
13. **Shivaji Bole, Raghavendra, Abdul Nayeem, Neha, Ansih, Gayathri, Sonia**. Studying the roles of TLRs mediated responses and charecterization of oral biofilm in healthy and inflamed oral samples. Presented at 7 KSTA National conference on Science, Technology & productization.A means for growth. Held on 05.02.2015 - 06.02.2015 at The Oxford College of Science, Bangalore.

14. **Shivaji Bole, Ramya L. Ashwini, Anish, Pilli Choudari** Phytochemical analysis anti cancer and free radical scavenging activities of medicinal plant psidium guajava. Presented at 7 KSTA National conference on Science, Technology & productization. A means for growth. Held on 05.02.2015 - 06.02.2015 at The Oxford College of Science, Bangalore.

No of Student project guided : 16

Titles of the students project

1. Antioxidant and anti bacterial activity of butter fruit (Avocados) seed extract:
2. “Comparative study of Antibacterial and Antioxidant activity of plant extract - Amla [*Phyllanthus emblica* L.] Tulsi [*Ocimum tenuiflorum* L.] Neem [*Azadirachta indica* A.Juss]”
3. In vitro antioxidant and anti-inflammatory activity of *Coccinia grandis*:
4. Phytochemical screening antioxidant and anti bacterial activities of *piper longum*.
5. Phytochemical Screening and Antioxidant activity of *lepidium sativum* linn. Seeds.
6. Phytochemical Screening and Biological Activities of *Impatiens balsamina*. L Seeds.
7. Isolation, Purification and Characterization of Amylase from Airborne-Bacteria.
8. Isolation, Purification and Characterization of protease from Airborne-Bacteria.
9. Free radical scavenging and anti-diabetic activity of *kigelia pinnata*
10. Phytochemical Screening and Biological activities of Medicinal Plant Coleus Aromaticus
11. Biodiesel production from different oils
12. Molecular characterization of mushrooms.
13. Biodegradation of pesticide-melathione and analysis with HPLC
14. Phytochemical Screening and Biological Activities of medicinal plant *Cropegia bulbosa*
15. Studying the roles of TLRs mediated responses and characterization of oral biofilm in healthy and inflamed oral samples.
16. Phytochemical analysis anti cancer and free radical scavenging activities of medicinal plant psidium guajava.

ACHIEVEMENTS:

Awarded **first prize** for paper presentation at 7 Annual KSTA Held on Science, Technology & productization. A means for growth. Held on 05.02.2015 - 06.02.2015 at The Oxford College of Science, Bangalore.

Awarded **first prize** for paper presentation at National conference on Beyond the frontiers in science & technology. Held on 27.03.2014-28.03.2014 at The Oxford College of Science, Bangalore

Awarded **first prize** for paper presentation at Conference on Recent Trends in genomics and Proteomics. Conducted during 26th and 27th May 2011. Dept of Biotechnology and Microbiology, Bangalore University, Bangalore.

BOE Member CMR Group of Institution (Autonomous) Bangalore.

Reviewer for research article spinger plus journal.

Appointed as **Question paper Setter** from Various University-Kannur University Kannur, Kerala And CMR Group of Institution (Autonomous) Bangalore.

Appointed as **Reviewer** For Valuation By Bangalore University Bangalore.

Appointed as **Verification Officer** For Valuation By RGUHS, Bangalore.

Appointed as **Squad** Member By RGUHS, Bangalore.

Appointed as **Squad** Member By Bangalore University, Bangalore

Appointed as **External practical** Examiner, from RGUHS, Bangalore.

Appointed as **External practical** Examiner, from Bangalore University, Bangalore.

Appointed as **External practical** Examiner By CMR Group of Institution (Autonomous), Bangalore.

Appointed as **External practical** Examiner By AISSCE.

ACADEMIC ACTIVITIES

SEMINAR/ CONFERENCES ATTENDED

1. International seminar on “Microwave Synthesis of Bioactive Molecules” held at Nargund College of Pharmacy, Bangalore.
2. International seminar on “Bioinformatics and Cheminformatics in Drug discovery” by Dr.Gautam, Center for Bioinformatics, Anna University Chennai & Dr. Nagasuma Chandra. Dept.of Bioinformatics, IISc Bangalore. Held at Nargund College of Pharmacy, Bangalore.
3. Seminar on “Convventional and Molecular based Diagnosis for Leptospirosis” by Dr,K, Nataraj Dept of Microbiology Bharathidhas university Thiruchirapalli.
4. “International trends in Pharmaceutical Sciences and practice” on 16th, 17th March 2002 by the Indian Pharmaceutical Association.
5. The future prospectus of Nano Biotechnology – Health & environment” at Seshadripuram Degree College Bangalore. on 18th, 19th, & 20th March.2010
6. Confluence 2010. On 10th April 2010. at Indian Academy Degree College, Bangalore.
7. Awareness programme on Women’s Rights at The Oxford College of Science, Bangalore.on Aug 4th 2010.
8. Conference on Recent Trends in genomics and Proteomics. Conducted during 26th and 27th May.2011. Indian Academy and Dept of Biotechnology and Microbiology, Bangalore University, Bangalore.
9. National conference on Chemistry, Biotechnology held at Reva Institute of Science and Management, Bangalore on 24-25th Nov 2011.
10. National conference on bioactive compounds and therapeutics. Held on 27.02.2012 To 28.02.2012 at The Oxford College of Science, Bangalore.

11. Attended 5th Annual KSTA Conference on Science and Technology for Societal transformation. Held on 19-20 Dec 2012 at Dayanand sagar Institution, Bangalore.
12. Attended 6th Annual KSTA conference on Science and Technology for Promoting Innovative Research and Development. Held on 20.12.2013- 21.12.2013 at Christ University, Bangalore.
13. Attended National Level Conference on Science for World Peace and Development. Held on 05.03.2014 at Dayanand sagar Institution, Bangalore.
14. Attended National conference on. "Beyond the frontiers in science & technology". Held on 27.03.2014 -28.03.2014 at The Oxford College of Science, Bangalore.
15. Attended 7th Annual KSTA conference on Science, Technology & productization. A means for growth. Held on 05.02.2015 - 06.02.2015 at The Oxford College of Science, Bangalore.
16. Attended BU Golden jubilee Lecture Series .held on 15-16. April 2015. at Bangalore University Bangalore.
17. Attended Faculty Development Programme on "Mind your Teaching" organized by The oxford College of Science, Bangalore on 29th & 31st July 2015.

TRAINING /WORKSHOP ATTENDED

1. Faculty development programme on effective implementation of problem based learning in the academic curriculum at The Oxford College of Science, Bangalore. on 8th Jan 2011.
2. Faculty development programme on Resurrecting the vanishing art of lecturing At The Oxford College of Science, Bangalore. on 29th Jan 2011.
3. Training on photoshop and corel draw. At The Oxford College of Science, Bangalore. Held on 14th Feb 2011.
- 4 Workshop on Advanced Biotechnology held at The Oxford College of Science, Bangalore. on 19th Oct-2011.
5. Attended a workshop on BENCHTOP NMR Spectrometer held on 10-11-2011 at The Oxford College of Science, Bangalore-102
6. Attended a workshop on Faculty Development Programme on "Recent Advances in Immuno Molecular Diagnostics" held on 21-24 Jan 2013 at The Oxford College of Science, Bangalore-102.
7. Attended a workshop on Pesticide Residue Analysis and HPLC sponsored by TEQIP at PES IT, Bangalore from 14-16 March 2013.
8. Attended a workshop on Instrumental Techniques at Azyme Bioscience. Bangalore. on 21st - 22nd August 2014.
9. Attended Lecture Workshop on Research Proposal Writing organized by the Dept of Biotechnology, The Oxford College of Science Association with Dept of Science and Technology. on 31st Dec 2014.
10. Hands on training in Modern Biotechnology at The Oxford College of Science, Bangalore-102

SEMINAR/ CONFERENCES / WORKSHOP ORGANIZED

1. Jnanarjan 2010
2. Jnanarjan 2011
3. Jnanarjan 2012
4. Jnanarjan 2013
5. Faculty development programme 2013.
6. Workshop on Instrumental Techniques 2014
7. Workshop on Hands on training in Modern Biotechnology 2015
8. Workshop on Advances In Vitro Cell Culture and Functional Application Sponed by DBT, New Delhi.

INVITED LECTURES/TALKS

1. Delivered a Guest lecture on “Technical Needs of an Industry “ in specific Solution Preparartion Methods and Major Instrumentation Techniques. At Genelon Institute of Life Science Private Limited Bangalore For BE Biotechnology Students on 25.07.14.

PROFESSIONAL INTEREST

Biomedical Analysis of Blood and Urine Constituents.

Clinical Biochemistry

Enzyme Biotechnology

Industrial Biotechnology

Medical Biotechnology

Plant Biotechnology

Microbial Biotechnology

INSTRUMENTAL SKILLS

UV (Shimadzu – 1700)

FTIR (Shimadzu – 8400S)

HPLC (Shimadzu: LC – 20AT)

Column chromatography

Electrophoresis

COMPUTER PROFICIENCY

Microsoft Windows XP, Microsoft Windows 7, Microsoft Office, Conversant with Internet.

PERSONAL PROFILES

Name: Shivaji.B.Bole

Date of Birth: 20-May-1976

Nationality: Indian

Marital status: Married

Languages known: English, Hindi, Kannada, Marathi

Email: shivajibio@gmail.com, shivaji_bole@rediffmail.com

Contact Number: +919611922895,+919739759465

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BSK III Stage, Bangalore-560085.

REFERENCES:

<p>Dr. Shantaram U Asso.Professor. Department of Studies in chemistry Govt college of Pharmacy, Bangalore. Email: u_shantaram @rediffmail.com Cell: +91 9844035369,</p>	<p>Dr. L V G Nargund Director. Dr. Nargund Research Foundation, Bangalore. Email:lv@rediffmail.com Mobile:9448270604</p>
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