

Shri Shivaji College of Arts, Commerce and Science, Akola

Faculty Profile



- 1. Name** : **Dr. Shrikrishna Bhimrao Sawarkar**
- 2. Address (residential)** : Flat No. F-3, Siddhivinayak Empire, Kela Plots, Near
Ice
Factory, Jatharpeth, Akola
- 3. Phone No. / Cell No.** : 0724-2491098
- 4. E-mail address** : sawarkarsir@yahoo.com
- 5. Designation** : Assistant Professor
- 6. Department** : Physics
- 7. Date of birth** : 23/ 08/ 1963
- 8. Area of specialization** : Digital Electronics and Solid State Physics.
- 9. Academic qualification** :

Examination passed	Board/ University	Subject/ Specialization	Year of passing	Division/ Grade/ Merit
B.Sc.	Nagpur	Physics, Mathematics, Chemistry	1984	First
M.Sc.(Physics)	Amravati	Physics	1986	First
B.Ed.	Amravati	-----	1992	First
M. Phil.	Amravati	Advanced Electronics, Materials Science, Research Methodology	1999	----
Ph.D.	Amravati	Depolarization Study of Lead Borate Glasses using Thermally Stimulated Discharge	2002	----

10. Membership of Academic Organizations:

1. Indian Society for Technical Education, New Delhi.
2. Indian Association of Physics Teachers, Kanpur.
3. Nagpur University Teachers Association.
4. Materials Research Society of India (MRSI), Bangalore.
5. The Indian Science Congress Association, Kolkata.
6. Amravati University Physics Teachers Association
7. Maharashtra Rajya Shikshak Parishad

11. Research Experience

a) Guiding M. Sc. Dissertation

: 9

b) Publishing research papers.

A) Publications in Journals (08)

- 1) "Depolarization study of semiconducting glasses using thermally stimulated discharge" Indian Journal of Pure & Applied Physics (April 1997), **Vol. 35**, 281-289, (ISSN: 0019-5596).
- 2) "Thermally stimulated discharge conductivity of PVC thin film" Indian Journal of Engineering & Material Science (Oct 2002) **Vol. 9**, 375-382 (ISSN: 0971-4588).
- 3) "Thermally stimulated discharge current (TSDC) and dielectric constant of semiconducting gasses" Bulletin of Material Science (February 2003), **Vol. 26 No. 2**, 267-271 (ISSN: 0250-4707).
- 4) "Role of spider in agroecosystem", The Ecosphere (November 2011), **Vol.2 No.1 & 2**, 47-50. (ISSN: 0976-1578).
- 5) "Origin and properties of dragline silk of *Nephila pilipes*", Journal of Biological and Physical Sciences ((November 2012), **Vol. (IV)**, 45-47, (ISSN: 2319-636X).
- 6) "Nonlinear absorption of L-arginine capped ZnO nano-suspension, International Journal of Basic and Applied Research Special (Jan. 2014), **Vol.04**, 49-52 (ISSN: 2249-3352; online 2278-0505).
- 7) "Biochemical analysis of major ampullate silk of *Nephila pilipes* with FTIR spectroscopy," Asiatic Journal of Biotechnology Resources (Jan. 2014), **Spl 11 Vol.4(4)**, 66-68, 2249-2399; eISSN 0976-4992.
- 8) "Microscale Topography of Dragline Silk of *Nephila pilipes* (Fabricius, 1793)", **Indian Journal of Arachnology (July 2015), Vol. 4(1), 18-21**, (ISSN: 2278-1587 Online).

B) Publications in Conferences/ Seminars Proceedings (Published-04)

- 1) "Thermally stimulated discharge current in lead borate glasses" IEEE Proceedings of XX ISDEIV International Symposium on discharges and electrical insulation in Vacuum (30 June – 05 July, 2002 ETI De. Tours-France)
- 2) "Nanotechnology and Indian agriculture" National Seminar on Photonic Materials and Nanotechnology, 23 January-24 January, 2009, Department of Physics, Electronics and Photonics, Rajarshi Shahu Mahavidyalaya, Latur
- 3) Proposal to save environment" Interdisciplinary State Level Symposium on Women's Role in Conservation of Environment, 30 December, 2009, S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (Washim).
- 4) "Fireworks: One of the most unusual sources of pollution" National Conference on Climate Change & Its Consequences, 12 January-13 January, 2010, Bhartiya Mahavidyalaya, Amravati

C) Papers Presented in Conferences/ Seminars/Symposium cum Workshops (25)

- 1) "Transport properties of Zinc doped lead borate gasses" National Conference on Recent Trends in Composites, 28 February -2 March 2001, Department of Physics, Shri Shivaji Science College, Amravati.
- 2) "Fortran in physics laboratory" State Level Seminar on Recent Trends in Teaching Basic and Applied Sciences, 03 January, 2009, Phulsing Naik Mahavidyalaya, Pusad (Yavatmal).
- 3) "Inexpensive laser wavelength determination kit" State Level Seminar on Recent Trends in Teaching Basic and Applied Sciences, 03 January, 2009, Phulsing Naik Mahavidyalaya, Pusad (Yavatmal).
- 4) "Improving laboratory instructions" State Level Seminar on Recent Trends in Teaching Basic and Applied Sciences, 03 January, 2009, Phulsing Naik Mahavidyalaya, Pusad (Yavatmal).
- 5) "Biometric supported ATM banking" National Seminar on Information Technology Enabled Services-2009, 11 April, 2009, Shri Shivaji College of Arts, Commerce, Akola.

- 6) "The Impact of Mathematics on Biology" State Level Seminar in Mathematics on Expanding Wings of Mathematics in the Field of Science & Social Sciences, 04 January, 2010, Shri R.L.T.College of Science, Akola.
- 7) "Effects of idol immersion on some water quality parameters of Morna river", National Level Seminar on Water, Energy, Environment & Society, 30 January,2010, Phulsing Naik Mahavidyalaya, Pusad (Yavatmal).
- 8) "Restoration of forest ecosystem in katepurna wildlife sanctuary, Akola"National Level Seminar on Water, Energy, Environment & Society, 30 January,2010, Phulsing Naik Mahavidyalaya, Pusad (Yavatmal).
- 9) "Synthesis, growth and characterization for urea phosphate doped KDP single crystals for their NLO applications" National Seminar on "Current Trends in Physical Sciences & Electronics Research, 28 March, 2010, Shri Shivaji College of Arts, Commerce & Science, Akola.
- 10) "Study of physical properties of lead borate glasses" National Seminar on Current Trends in Physical Sciences & Electronics Research, 28 March, 2010, Shri Shivaji College of Arts, Commerce & Science, Akola.
- 11) "Development of CO₂ Gas Sensor Instrumentation using Soft Molecular Electronics" National Conference on "Nanoscience and Technology", 21 Feb-22 Feb 2011, Shri Shivaji Education Society's Science College, Nagpur.
- 12) Role of Spider in Agroecosystem" National Conference on "Advances in Life Sciences for Sustainable Rural Development", 11 Oct-12 Oct, 2011, Shankarlal Khandelwal College, Akola.
- 13) "Dr. Ambedkar and Buddha's path to equality" Interdisciplinary International Conference on "Dr. Ambedkar's Buddhism and its Emancipatory Potential", 27 Jan-28 Jan 2011, Shri Shivaji College of Arts, Commerce & Science, Akola.
- 14) "The Form and Function of Orb Web of Spider *Nephila pilipes*" National Conference on "Innovative Research Trends in Biological Sciences", 8 Sept- 9 Sept, 2012 Shri Shivaji College of Arts, Commerce & Science, Akola.
- 15) "Impact of Climate Change on Agriculture" Interdisciplinary National Seminar on "Impact of Climate Change on Agriculture Production in India", Oct. 6, 2012, Shri Shivaji College of Arts, Commerce & Science, Akola.
- 16) "Mahatma Gandhi's Vision of Rural Development" Interdisciplinary International Conference on "Relevance of Dr. Babasaheb Ambedkar, Mahatma Gandhi and Pandit Nehru's Ideology in the Present Scenario", 29 Oct-30 Oct, 2012, Shri Shivaji College of Arts, Commerce & Science, Akola.
- 17) "Origin and properties of dragline silk of *Nephila pilipes*" II Word Congress for Man & Nature-2012 on "Global Change: Impact on Biodiversity, Culture & Technology", 3 Nov-5 Nov., 2012, Sevadal Mahila Mahavidyalaya, Nagpur.
- 18) "Microstrip patch antenna for 1900 MHz band" National Conference on "Recent Initiatives towards Green Electronics", 8 Feb - 9 Feb, 2013, Brijlal Biyani Science College, Amravati.
- 19) "Effect of capping agents on the particle size of ZnO quantum dots", National Conference on "Upcoming Trends in Chemical Science", 6 Sept-7 Sept., 2013, Shri Anand College of Science, Pathardi –Ahmednagar.
- 20) "Nonlinear absorption of L-arginine capped ZnO nano-suspension", National Conference on "Materials Science: Trends and Future", 10-11 Jan., 2014, Bhartiya Mahavidyalaya, Amravati.
- 21) "Biochemical analysis of major ampullate silk of *Nephila pilipes* with FTIR spectroscopy", State level Seminar on "Exploration of Biochemistry and Molecular Biology for Betterment of Human Life", 29 Jan. 2014, Arts and Science College, Pulgaon-Wardha.
- 22) "Effect of PVP as capping agent on the optical properties of ZnO nanoparticles", National Conference on "Recent Trends in Mathematics, Physics & Their Applications", 19 March, 2014, Shankarlal Khandelwal College, Akola.
- 23) "X- ray diffraction study of egg sac silk of *Nephila pilipes* (Araneae: Nephilidae)", National Conference on "Recent Trends in Mathematics, Physics & Their Applications", 19 March, 2014, Shankarlal Khandelwal College, Akola.

24) “AFM study of dragline silk of *Nephila pilipes* (Araneae: Nephilidae)”, National Symposium Cum Workshop on “Diversity of Spiders with Special Reference to Taxonomy and Molecular Systematics”, 26-29 Nov. 2014, Shankarlal Khandelwal College, Akola.

25) “Dragline silk of giant wood spider, *Nephila pilipes* (Araneae: Nephilidae)”, 3rd Conference of Asian Society of Arachnology. 16-19 Nov. 2015, Amravati.

D) Books Published: (01)

A Text Book of Physics- Kinetic Theory, Thermodynamics and Electric Currents B. Sc. I Semester II, ISBN-978-81-905776-102-6 (2016)

12. Seminars/ Conferences/ Symposia/ Conferences/Orientation/Refresher Courses attended and organised:

Sr. No.	Name of the Conf./Seminar/ Workshop etc	Place and Name of the Sponsoring Agency	Place and Date	Paper Presented/ Attended
1	Indian Society for Technical Education, XXII Annual Convention.	Shri G.S. Institute Technology & Science, Indore.	Indore, Dec. 26-28, 1992	Attended
2	II National Conference on Educational Technology for Higher Technical Education and Training.	S.S.G.M. College of Engineering, Shegaon(Buldana).	Shegaon (Buldana) Jan. 22-23, 1994	Attended
3	Induction Phase I Training	Govt. Polytechnic, Amravati.	Amravati, Nov. 02-27, 1998	Attended
4	Induction Phase II Training	Govt. Polytechnic, Amravati.	Amravati, Oct. 12-Nov.06, 1999	Attended
5	National Conference on Recent Trends in Composites	U.G.C. P.G. Department of Physics Shri Shivaji Science College, Amravati	Amravati, Feb 28-Mar 02, 2001	Paper Presented
6	National Conference on Lasers and Their Applications	U.G.C. Department of Physics, Amravati University, Amravati	Amravati, Jan 28-30, 2004	Attended
7	International Conference on Relativity	U.G.C. P.G.T.D. of Mathematics, Amravati University, Amravati	Amravati, Jan. 11-14, 2005	Attended
8	Workshop on Scope & Limitations of B.Sc. III (Physics) Syllabus	Department of Physics, Amravati University, Amravati	Amravati, Jan. 30, 2005	Attended
9	National Conference on Luminescence & Its Applications	U.G.C. S.G.B.Amravati University, Amravati	Amravati, Feb.07-09, 2006	Attended
10	National Seminar on Advanced Materials	Department of Chemistry, R.T.M. Nagpur University, Nagpur	Nagpur, Feb. 12, 2007	Attended
11	Workshop on “Development & Implementation of Question Bank”	U.G.C. S.G.B.Amravati University, Amravati	Amravati, March.30-31, 2007	Attended
12	U.G.C. Sponsored 59 th	U.G.C. Academic Staff	Nagpur ,	Attended

	Orientation Programme	College,R.T.M. Nagpur University, Nagpur	Feb.20-Mar.18, 2008	
13	National Seminar on Current Trends in Chemical Sciences Research	U.G.C. Department of Chemistry, Shri Shivaji College of Arts, Commerce & Science, Akola	Akola March 28, 2008	Attended
14	State Level Seminar on Recent Trends In Teaching Basic and Applied Sciences	U.G.C./D.R.D.O. Phulsing Naik Mahavidyalaya, Pusad (Yavatmal)	Pusad (Yavatmal) Jan. 03, 2009	Paper Presented-3
15	National Seminar on Information Technology Enabled Services-2009	U.G.C. Department of Computer, Shri Shivaji College of Arts, Commerce & Science, Akola	Akola, April 11, 2009	Paper Presented
16	Workshop on Pure Physics Curricula in Contemporary Universities: Challenges and Innovations and Convention of Physics Teachers	Vidya Bharati Mahavidyalaya, Amravati	Amravati, April 26, 2009	Attended
17	U.G.C. Sponsored Refresher Course in Basic Sciences (Physics)	U.G.C. Academic Staff College, S.G.B. Amravati University, Amravati	Amravati May 28-June 14, 2009	Attended
18	National Seminar on "Dr.B.R. Ambedkar's Economic Philosophy and Indian Economic Policy in the Global Scenario".	U.G.C. Dr.B.R. Ambedkar Studies Centre, Shri Shivaji College of Arts, Commerce & Science, Akola	Akola, Oct. 24, 2009	Attended
19	State Level Seminar in Mathematics on "Expanding Wings of Mathematics in the Field of Science & Social Sciences".	U.G.C. Department of Mathematics, Shri R.L.T.College of Science, Akola	Akola Jan 04, 2010	Paper Presented
20	National Conference on "Materials Science : Trends & Future-2010".	U.G.C./ CSIR Vidya Bharati Mahavidyalaya, Amravati	Amravati Jan 06-07, 2010	Attended
21	National Level Seminar on "Water, Energy ,Environment and Society".	U.G.C. Phulsing Naik Mahavidyalaya, Pusad (Yavatmal)	Pusad (Yavatmal) Jan. 30, 2010	Paper Presented-2
22	One Day Workshop on Impedance Analyzer	S.G.B. Amravati University, Amravati	Amravati Feb.09, 2010	Attended
23	National Conference on "Advances in Material Research".	U.G.C. Department of Physics & Chemistry, Shankarlal Khandelwal College, Akola	Akola Feb 26-27, 2010	Attended
24	National Seminar on "Current Trends in Physical Sciences & Electronics Research".	U.G.C. Department of Physics & Electronics, Shri Shivaji College of Arts, Commerce & Science, Akola	Akola, March 28, 2010	Paper Presented-2
25	A Seminar on "Current	Shri Shivaji Science College	Amravati	Attended

	Challenges in Physics Education” and Annual Convention of AUPTA	, Amravati	April 25, 2010	
26	National level Conference on “Developing Frontiers of Physics, Astronomy & Space Sciences”	U.G.C. Department of Physics & Mathematics, Shri R.L.T.College of Science, Akola	Akola, Sept 24-25, 2010	Attended
27	National Conference on “Nanoscience and Technology”	U.G.C. Department of Physics, Shri Shivaji Education Society’s Science College, Nagpur	Nagpur, Feb. 21-22, 2011	Paper Presented
28	State Level Workshop on “Research Methodologies in Science”	U.G.C. Shankarlal Khandelwal College, Akola	Akola, Feb. 26, 2011	Attended
29	National Seminar on “Mahatma Gandhi & Pt. Jawaharlal Nehru’s Thoughts on Socio-economic and Political Issues.”	U.G.C. Shri Shivaji College of Arts, Commerce & Science, Akola	Akola, Feb. 28, 2011	Attended
30	National Conference on “Advanced Technologies in Material Science & Their Applications”	U.G.C. Department of Physics & Chemistry, Arts, Commerce & Science College, Arvi Dist- Wardha	Arvi (Wardha), March 06, 2011	Attended
31	U.G.C. Sponsored National Conference on “Advances in Life Sciences for Sustainable Rural Development”	U.G.C. Department of Microbiology and Zoology, Shankarlal Khandelwal College, Akola	Akola Oct. 11-12, 2011	Paper Presented
32	National Seminar on “Current Trends in Material Science-2011”	Department of Physics, Shri Dr.R.G. Rathod Arts & Science College, Murtizapur	Murtizapur, Dec. 03, 2011	Attended
33	Regional level Interdisciplinary Workshop on “Research Methodology”	Department of Commerce & Management, Takshashila Mahavidyalaya Amravati	Amravati, Dec.30, 2011	Attended
34	Workshop on “Information and Technology Training”	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola, Jan.16, 2011	Attended
35	U.G.C.Sponsored Interdisciplinary International Conference on “Dr. Ambedkar’s Buddhism and its Emancipatory Potential	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola, Jan. 27-28, 2011	Paper Presented
36	Workshop on “Sant Gadge Baba’s Dashasutri and Rashtrasant Tukdoji Maharaj’s Gramgeeta”	Shri R.L.T.College of Science, Akola	Akola, Feb.7, 2012	Attended
37	National Seminar on “Technological Innovations with Environmental Integrity”	HVPM’s College of Engineering and Technology, Amravati	Amravati Feb 28, 2012	Attended
39	National Conference on “Role of Basic Sciences in Emerging Industrial Scenario”	Prof. Ram Meghe Institute of Technology and Research, Badnera, Amravati	Amravati Mar. 08, 2012	Attended
40	National Conference on “Lasers and Advanced Materials”.	S.G.B. Amravati University, Amravati	Amravati May 29-30,	Attended

			2012	
41	National Conference on “Innovative Research Trends in Biological Sciences”	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola Sept 08-09, 2012	Paper Presented
42	Interdisciplinary National Seminar on “Impact of Climate Change on Agriculture Production in India”	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola Oct. 6, 2012	Paper Presented
43	Interdisciplinary International Conference on “Relevance of Dr. Babasaheb Ambedkar, Mahatma Gandhi and Pandit Nehru’s Ideology in the Present Scenario	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola Oct. 29-30, 2012	Paper Presented
44	II World Congress for Man & Nature-2012 on “Global Change: Impact on Biodiversity, Culture & Technology”	Sevadal Mahila Mahavidyalaya, Nagpur	Nagpur Nov.3- 5, 2012	Paper Presented
45	National Conference on “Recent Initiatives towards Green Electronics”	Brijlal Biyani Science College, Amravati	Amravati Feb 8-9, 2013	Paper Presented
46	18 th One Day Physical Education Teachers conference	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola Mar. 17, 2013	Attended
47	Workshop on “Effective Communication Skills in English for Senior College Teachers”	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola Apr 5-13, 2013	Attended
48	Workshop on “Information and Communication Technology”	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola April 5-20, 2013	Attended
49	National Conference on “Upcoming Trends in Chemical Science”	Shri Anand College of Science, Pathardi (Ahmednagar)	Pathardi Sept. 6-7, 2013	Paper Presented
50	Orientation Workshop on “Eyes on ISON”, Comet of the century.	Shri Shivaji Science College, Amravati	Amravati Oct. 19, 2013	Attended
51	National Conference on “Materials Science: Trends and Future”.	Bhartiya Mahavidyalaya , Amravati	Amravati Jan., 10-11, 2014	Paper Presented
52	State level Seminar on “Exploration of Biochemistry and Molecular Biology for Betterment of Human Life”.	Arts and Science College, Pulgaon (Wardha)	Pulgaon Jan. 29, 2014.	Paper Presented
53	National Conference on “Recent Trends in Mathematics, Physics & Their Applications”	Shankarlal Khandelwal College, Akola	Akola March 19, 2014	Paper Presented-2
54	National Level Two Days Laboratory Workshop On Physics For UG Teachers	Shri Shivaji Science College, Amravati	Amravati June 27-28, 2014	Attended
55	Workshop on “Spectroscopic & Stereospecific Perspectives of Chemistry”	Shri R.L.T.College of Science, Akola	Akola Oct. 2, 2014	Attended
56	National Symposium Cum Workshop on “Diversity of Spiders with Special Reference to Taxonomy and Molecular	Shankarlal Khandelwal College, Akola	Akola Nov. 26-29, 2014	Paper Presented

	Systematics”			
57	Short Term Course in Nano Biotechnology (For all Science Subjects-ID)	U.G.C. Academic Staff College,S.G.B. Amravati University, Amravati	Amravati Dec. 15-20, 2014	Attended
58	Workshop on “Role of Stakeholder in IQAC and NAAC”	Shri R.L.T.College of Science, Akola	Akola Jan28,2015	Attended
59	State level Seminar on “Role of IQAC in Quality Enhancement in Higher Education”	Shri Shivaji College of Arts, Commerce & Science, Akola	Akola April 17, 2015	Attended
60	3 rd Conference of Asian Society of Arachnology (Paper Presented)	Amravati	Amravati Nov. 16-19, 2015	Paper Presented

3. Research Projects Completed / Ongoing:

Sr. No.	Title of the project	Name of the funding agency	Duration	Remarks
1	Conductivity and Thermally Stimulated Discharge Current Studies in Semi conducting Glasses.	University Grants Commission (Rs. 1,10,000/-)	Two Years (2009-11)	Completed (Investigator)
2	Study of Web Architecture, Silk, Silk Glands and Spinnerets of Giant Wood Spider, <i>Nephila pilipes</i> . (Co-Investigator)	University Grants Commission (Rs. 1,35,000/-)	Two Years (2013-15)	Completed (Co-Investigator)

14. Teaching Experience:

Courses Taught	Name of the University/ College/ Institution	Duration
UG	Shri. Shivaji College Of Arts, Commerce & Science, Akola	11 Years
PG	Shri. Shivaji College Of Arts, Commerce & Science, Akola	8 Years
Diploma Courses in Engineering	Vidarbha Youth Welfare Society’s Polytechnic Badnera (Amravati)	18 Years & 4 Months

15. Innovations/ Contributions in Teaching:

- a. Design of Curriculum:-
Worked as a member of curriculum restructuring committee for design of curriculum of Government Polytechnic, Amravati (Autonomous Institute of Govt of Maharashtra).
- b. Teaching Methods:-
 - i) Use of Lecture method, Laboratory method, Project method, Group discussion, Seminar etc. for effective teaching and learning.
 - ii) Topics from unit are announced in advance for discussion in the class so that students can refer text books, reference books & keep themselves ready for lectures.
 - iii) Use of audio visual teaching aids like LCD/DLP projectors, CDs, etc.
- c. Laboratory Experiments:-
Setting of new experiments, preparation of low cost study boards (Modules) for conducting practicals.
- d) Preparation of resource materials:-
Preparation of Unit wise notes, laboratory manuals
- e) Remedial teaching

Special guidance to weak students/ poor students.

f. Extension activities/ consultancy/ community works:

i) Worked as a examiner for Tahasil, Distict, Regional and State Level Science Exhibitions.

ii) Worked as a Presiding/Polling officer for ZP/Panchayat samiti, Assembly and Lok Sabha Elections.

iii) Donations to CM relief funds, Shri Shivaji Education Society, Amravati and Flag Day Fund, contribution to poor boys fund and fund for awarding prizes to students

16. Role in college activities :

i) Working as a Co-ordinator for Student's Teacher Guardian Scheme since 2007.

ii) Organization of functions of Hiroshima day and National science day every year

iii) Member of admission committee for UG & PG, admission register verification committee, Student attendance committee, Prize distribution committee. Science Exhibition committee, committee for coaching classes for entry level in services,

Poor

Student Fund committee, felicitation committee.

iv) Worked as a organizing Secretary of National Seminar on "Current Trends in Physical

Sciences & Electronics Research", organised on 28th March, 2010.

17. Role in university activities:

i) Internal and external examiner for conducting University practical examinations.

ii) Paper setter and Valuer for assessment of answer books of University /College test examinations.

iii) Invigilator for University and College Test examinations.

iv) Valuation Officer of SGB Amravati University Central Assessment Centre, Sub centre at

Shri Shivaji College, Akola for Winter 2015 Examination.

v) Participation in activities organized by University such as conferences, workshops and seminars etc.

vi) Worked as a Subject expert and Vice-Chancellor's nominee on the selection committee's

for the appointment of Lecturer/ Assistant Professors.