

*Resume of Dr. B. S. Jagdale, Principal,
Loknete Vyankatrao Hiray
Arts, Science & Commerce College, Nashik*



- Full Name** : Dr. Jagdale Bapu Sonu
- Designation** : Principal, Mahatma Gandhi Vidyamandir's Loknete Vyankatrao Hiray Arts, Science & Commerce College, Panchavati, Nashik - 422 003. (MS)
- Date of Birth** : 01.06.1968
- Academic Qualification** : M.Sc., Ph.D. (Chemistry)
- Administrative and Teaching Experience** : 27 years (As Principal since 20.09.2005 till date)
- Achievements during the tenure of Principal** :
- 'Best College Award'** by SPPU, Pune for the year - 2016.
 - Reaccredited by NAAC with Grade "A"** in the second cycle of the accreditation of college.
 - Awarded by the Govt. of Maharashtra for **'Best College Magazine'** in the State.
 - Award by the Govt. of Maharashtra for **'Jagar Janivancha'** (Awareness campaigns for Women's Empowerment).
 - Award by the SPPU, Pune for the **Best College Magazine "Parijat"** in the University.
 - Introduction of UGC sanctioned Bachelor of Vocation** under two specialization i.e. Automobile Technology & Retail Management. (**Funded - Rs. 1.85 Cr.**)
 - Our College student Mr. Anup Sonar got selected in Princeton University, New Jersey, USA for Computer Science with scholarship of Rs. 1.75 Cr.**
 - Our College Student Miss. Vrunda Rathi stood 1st in JEE Mains Exam. in all over India.**
 - 23 students got selected in various IIT discipline
 - Participation of students in sports at **International Level - 07, National Level - 17, State Level - 28, University and other levels -300.**
 - Mr. Pratik Borse (Shooting) got **3 gold medals at International events.**

Work experience on various Committees :

- l. Mr. Siddharth Pardeshi (Swimming) got **1 gold and 2 silver medals** at International events and received **Best University Player Award, SPPU, Pune.**
- m. Murtuza Trunkwala and Satyajit Bachhav got selected in **Maharashtra State Ranji Trophy Cricket Team.**

A. In Mahatma Gandhi Vidyamandir :

- a. **Trustee**, Mahatma Gandhi Vidyamandir, Malegaon.
- b. **Coordinator, Higher Education**, Mahatma Gandhi Vidyamandir, Malegaon.
- c. **Member, College Development Committees** of 9 Colleges of Mahatma Gandhi Vidyamandir.
- d. **Member, IQAC** of all Colleges of Mahatma Gandhi Vidyamandir

B. At University Level :

- a. **Secretary**, Principal forum, Nashik District.
- b. **Vice Chancellor Nominee** on selection committee for appointment of Principal
- c. **Subject Expert** on Selection Committee for appointment of lecturer
- d. **Chairman**, Local Inquiry Committee
- e. **Member**, Local Inquiry Committee

C. Other :

- a. **UGC Observer**, CAS selection for Professor at Kurukshetra University, Hariyana.
- b. **Nodal Officer** of Nashik District for **National Education Policy.**
- c. **Member**, Regional Direct Taxes Advisory Committee (RTDAC), Nashik.

Status as a Research Guide

Recognized as a Research Supervisor and guiding Ph.D. Students in the subject of Chemistry.
SPPU, Pune Letter No. BUTR/Science/243/76, dated 09.10.2011. Presently 04 students are registered for Ph.D. guidance.

Reviewer of Journals

- 1) Medicinal Chemistry Research
- 2) IEEE Sensors Journal

Patent

“Solar Power Base Automatic Vehicle for Water Transportation” vide Application No. 201621042273, dated 12/12/2016.

Resource Person

1. Resource Person in the 02 UGC sponsored Refresher Courses for teachers.
2. Resource Person in a one day State Level seminar on "Role of IQAC in Institutional Quality Improvement" organized by T.C. College, Baramati on 26th Dec. 2015.

Research Projects

A Minor Research Project, sanctioned by UGC (WRO), completed. Sanctioned Amount : Rs. 1,65,000/-

Topic: **"Synthesis, Theoretical and Anti-bacterial/Fungal Activity Studies of New Fluorinated Heterocyclic Compounds"**

Research Publications :-

1. DFT study on vibrational spectra and HOMO LUMO of para chlorobenzohydrazide. Educational Research Multimedia and Publications, India. Vol. 9, 1(2018).
2. Synthesis of chalcones and study of their antimicrobial activities. Educational Research Multimedia and Publications, India. Vol. 9, 1(2018).
3. Facile green synthesis of ZnO nano particles their characterization and gas sensing performance. Educational Research Multimedia and Publications, India. Vol. 9, 1(2018).
4. Theoretical studies of Molecular Structure, Vibrational Spectra of ethyl-amino -methyl thiozole carboxylate by DFT calculation. Educational Research Multimedia and Publications, India. Vol. 9, 1(2018).
5. Zinc oxide nanoparticles catalysed biginelli reaction under microwave irradiation and expeditious green synthesis dihydropyrimidinones. Educational Research Multimedia and Publications, India. Vol. 9, 1(2018).
6. Ring closure metathesis: Green approach towards synthesis of hydroxyl flavon derivatives and its anti fungal screening. Educational Research Multimedia and Publications. Vol. 9, 1(2018).
7. Synthesis, Characterization and DFT Studies of 2-[(2-substitutedphenyl) carbamoyl] benzoic acids. Journal of Chemical, Biological and Physical Sciences. Vol. 7, 1(2017)
8. Eco Friendly Synthesis : A Greener Route preparation of new 1, 5 - Benzodiazetins and its antimicrobial activity. International Journal of Research in Engineering and applied sciences. Vol. 6, 8, 2016.
9. A Green Catalyst Clay C (pH 12.5): A Rapid Synthesis for the Formation of Benzothiazepine Derivatives. Researchers World : International referred journal, vol. VII, 8-12, 4(4), 2016.
10. Synthesis, characterization and biological screening of some biologically potent chalcones and their heterocyclic analogues. Researchers World : International referred journal, vol.VII, 105-109, 4(4), 2016.
11. DFT study of (2e)-3-(furan-2-yl)-1-(2-hydroxyphenyl) prop-2-en-1-one, Researchers World : International referred journal, vol.VII,74-78, 4(4),2016.

12. Heavy metals analysis study by EDS from Ayurvedic antacids drugs. International journal of research in Engineering and Applied Sciences. 5(8), 67-75, (2015).
13. Facile synthesis of 2-amino thiazole derivatives and their biological evaluation International J. Of pharm. Res. Scholars 4(3),46-49, (2015).
14. Surface tension as function of temperature and concentration of liquid Int. J. of Chemical and Physical sciences. 4(3), 1-7, (2015)
15. Poly (ethylene glycol) (PEG-400): A Green approach towards synthesis of novel Pyrazolo [3, 4-d] pyrimidin-6-amines derivatives and their Antimicrobial Screening. Archives of Applied Sciences 6(2) 61-66, (2014). (Impact Factor: 0.649)
16. Ultrasonic studies of mixtures of Benzonitrile with Some alkaloids and toluene. Indian Journal of Pure & Applied Physics. Vol. 39.July (2001), ISSN-0019-5596, (Impact Factor: 0.229)
17. Densities and Viscosities for Binay Mixturere of Toluen with Methnol, Ethnol, propan-1-01, Buton-1-01 and 2-Methy propan-2-01 at (303.15.308.15 & 308.15) K J. Chem. Eng Data Vol.45 No. 2 (2000) (Journal of American Chemical Society) ISSN-0021-9568, (Impact Factor: 1.695)
18. Sonochemical studies of binary liquid mixtures of toluene with methanol. Ethanol, propan-1-01, Pentan-1-01 and 2 methyl propan-2-01at 303.15, 308.15 and 313.15K. J. Pure Appl. Ultrason Vol. 22, No 4:(2000)
19. Densities and Viscosities for Binay Mixturere of Benzontrile with Methanol, Ethanol Propan-1-01, Buton-1-01, Pentan-1-01 and 2- Methyl propan—01 at (303.15.308.15 and 313.15)K J. Chem. Eng Data Vol. 45, No 2 2000 (Journal of American Chemical Society) ISSN 0021-9568, Impact factor 1-695
20. Ultrasonic study of Binary Liquid mixtures of Alkonols(C1-C3) at various temperatures. Acoustics Letters Vol. 22, No 10, (1999)
21. Poly (ethylene glycol) (PEG-400): Microwave assisted protocol towards synthesis of thiazodiazole-thiol derivatives and its biological screening; Der pharma chemical (scholar research) Accepted.

Publication of Books :

Intermediates and Rearrangements in Organic Synthesis, Himalaya Publishing House, ISBN No. 978-93-5262-001-2

Conference & Workshop/ Seminars Attended :

1. Workshop on Role of I.Q.A.C. in college development Organized by G.M.D.Arts, Science and Commerce College, Sinner Dist. Nashik. Dt. 18.03.2015
2. National Conference on Recent trends in chemical science Organised by Dept. of chemistry Late Pundalikrao Gawali Arts, and Science Mahavidyalaya, Shirpur (jain) dt. 26.04.2015.
3. Presented a research paper in UGC-SAP sponsored International conference on “New Horizons in Synthetic and Materials Chemistry” organized by Dept. of Chemistry, University of Mumbai on 26-28 Nov. 2015.

4. Workshop on Role of I.Q.A.C. in college development Organized by G.M.D.Arts, Science and Commerce College, Sinner Dist. Nashik. Dt. 18.03.2015
5. International conference on Global Opportunities for Latest Development in Chemistry and Technology-2014 Organised by School of chemical science, North Maharashtra University, Jalgaon dt. 6-8 Feb. 2014.
6. State Level Seminar on “Paradigms of innovations for students centric Higher Education” Organized by Internal Quality Assurance Cell (IQAC) in K.K.Wagh ACS college. dt. 23-24 April. 2013.
7. NAAC Sponsored, National Seminar on Third cycle of Accreditation- organized by Birla College Kalyan –dt. 12 Sept. 2011.
8. International Conference on Emerging Trends in Chemistry, Organized by Department of Chemistry, University of Pune (Poster Presentation) 5-7 Jan. 2010
9. Workshop on NAAC Re-accreditation Organized by University of Pune Regional Officer, Nashik – dt. 15.12.2009.
10. Workshop on Train the Trainers for Principals organized by University of Pune –dt. 22/23 May 2009.
11. Workshop for Principals organized by BUCD University of Pune –22/23 Nov. 2008.
12. Seminar on “Leadership skill and Emotional Intelligence Organized by DISHA Management Ahemdagar. (dt. 12th & 13th Aug. 2006)
13. Workshop on Teachers Training Programme for F.Y.B.Sc Chemistry Syllabus organized by N. Wadia College, Pune (10th Jan. 2003)
14. Curriculum Designing in Chemistry Theory and Practical for T.Y.B.Sc Organized by M.S.G. Arts, Science and Commerce College, Malegaon-Camp (31st Dec. 2002)
15. 35th Annual Convention of Chemistry 1988 organized by Indian Chemical Society, Calcutta (Paper Presented)
16. Practical's in Physical Chemistry – Organized by Chemistry, Organized by Fergusson College, Pune) (19th Jan. 1994)
17. Solution Chemistry- Organized by M.S.G. Arts, Science and Commerce College, Malegaon-Camp(21st Jan 1994)
18. Chromatography Principal and Applications Organized by S. P. College (4 & 5 Feb. 1994)
19. M.S.G. Arts, Science and Commerce College, Malegaon-Camp (5th & 6th Jan.1991)
20. Training programme for AIDS Control organized by M.S.G. Arts, Science and Commerce College, Malegaon.

Details of Workshops, Seminars, Conferences, Tournaments Organized

A] National Level :-

1. BCUD, SPPU, Pune sponsored National Level Conference on “Emerging Trends in chemistry and Nanosciences.” dt. 20th-21st Jan. 2017.
2. BCUD, SPPU, Pune sponsored National Level Conference on “Fractional Calculus” dt. 10-11th March, 2016.
3. UGC Sponsored National Level Conference on ‘Positive Psychology’ dt. 9th & 10th January’ 2015.
4. BCUD, Pune sponsored National Conference on “Recent Trends in Advanced Communication” dt. 12th & 13th January 2015 .
5. Bharat Dnyan Vidnyan Samiti has organised National conference dt. 25-27th April 2015.
6. Faculty development programme, UGC-Academic staff college, Savitribai Phule Pune University. Feb. 2013.
7. UGC sponsored workshop “Development of laboratory skill in non teaching staff” dt. 4 and 5th Feb. 2013.
8. UGC sponsored seminar “Recent trends in advances in history” dt. 18 and 19th March. 2013.
9. UGC sponsored seminar “Indian Agriculture: problem and perspective” - dt. 2 and 3rd Feb. 2013.
10. National Level Conference on Recent Development in Graduate Mathematics - dt. 6 , 7 and 8th Feb. 2012.
11. National Level –Recent Trends in Mathematics - dt. 27 to 29th Jan. 2011.

B] State Level :-

1. State Level Seminar on climate change and sustainability, dated 24 & 25 Jan. 2017.
2. BCUD, SPPU, Pune sponsored State Level Seminar on “Food Security Bill” dt. 29-30th January, 2016
3. BCUD, SPPU, Pune sponsored State Level Seminar on “Eco criticism & Post Colonialism in Indian writing in English” dt. 3-6th February, 2016
4. State Level Seminar on - Post Colonial & Eco criticism in Indian literature. (date 5th & 6th Feb. 2016.
5. BCUD, SPPU, Pune sponsored state level seminar on ‘ Different biochemical Techniques’ dt. 12th & 13th January 2015
6. BCUD, SPPU, Pune sponsored State Level Seminar on “ Transcreation of movies based on novels” dt. 9-10th October, 2015
7. Seminar on Perspectives in Physiological Zoology- (22 and 23rd Feb. 2012)
8. The contribution of Co-operative movement in the development of Maharashtra 27th Feb. 2012).

9. “Communication skills for business” (29th Feb. 2012).
10. “Modi lipi training programme” (1-12-2011 to 6-01-2012)
11. “Maharashtra State level cricket competition” (7-15 Feb. 2011)
12. Seminar on “Globalization and opportunity in the Development of Indian Agriculture”
Date 4th Feb. 2011
13. “Availability Utilization and proaction of plant wealth” (21st Feb. 2011).
14. State level seminar on “management –New issue and paradigms” (30 and 31st Jan 2010).
15. Recent trends in thermodynamics. (3 Feb 2010).
16. Topic- “Advance Trends in Chemistry”. (22nd & 23 Sept. 2008)
17. Topic- “Global Warming: Cause and Consequence”. (Sept. 2008)
18. Topic- “Water Management, Conservation and Agricultural Management”. (10th Sept. 2008)
19. Topic- “ Recent Trends in Electronics” (4 & 5 Dec 2008).
20. Topic - “Application of remote sensing and GIS in Geography”. (5th & 6 Feb. 2007)
21. Workshop for the office staff in order to make it more efficient. (29 & 30 Oct. 2007)

State/National Level Karmveer Bhausaheb Hiray Debating Competition:

- a. Topic- “Nuclear Deal with America Indeed is India’s First Grant Step Becoming A Supper Power”. (1 0 2 Feb. 2008) Participants: 204
- b. Topic-“Gandhian Principles are inevitable for World Peace”. (6- 17 Jan. 2008)
Participants: 178
- c. Topic- “International Politics is the Root Cause of Terrorism”. (5 – 6 Jan. 2007)
Participants: 136
- d. Topic- “The Criminal Tendency in Police is Solely Responsible for Deteriorating Law and Order in India” (15-16 Jan. 2006) Participants: 118

Awards :-

“Education Leadership Award” for contribution in the field of Education by Dewang Mehta
National Education Awards and Business School Affaire on 21st August, 2017.