

Name:- Dr. B. T. Hake

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Personal Details:-

Name	HAKE	BAYAJI	TATOBA
	<i>SURNAME</i>	<i>FIRST NAME</i>	<i>MIDDLE NAME</i>
Department	Chemistry		
Designation	Associate Professor		
Qualification(s)	M. Sc. DHE Ph.D		
Certification(s)/Professional Courses/Exams			
Email-Id	hake_bt@fergusson.edu		
	hake_bt@yohoo.com		
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Member Of:-

College Committees	Other Committees

Research Done:

Diffusion of dyes in agar gel and application of diffusion
Study of Liesegang rings in gel medium

Area of Interest in Research:

Physical chemistry
Diffusion
Material Science

Books Published:

Name of Book	Author(s)	ISBN No.	Year	Edition	Publisher

Research publications:

1. Rajurkar N. S., Hake B. T. and Bhosale, S. B., Res.J. Chem. Environ., Sept. -2002, vol. 6, Issue-3, pg. 31-39
2. Rajurkar N. S., Hake B. T. and Bhosale, S. B., NUCAR-2005, pg.419-420
3. Rajurkar N. S., Hake B. T. and Bhosale, S. B., Proceedings of ICC-2005 Conf., pg.124-125
4. Rajurkar N. S. and Hake B. T., Proceedings of ICC-2006 Conf., pg. 131
5. Rajurkar N. S., Hake B. T. and Bhosale, S. B., Proceedings of ETIC Conf-2010, pg. 98
6. Rajurkar N. S. and Hake B. T., Proceedings of National symposium on Recent advances in chemical sciences, Published by University of Kota (Rajasthan), pg. 73(2011)
7. Rajurkar N. S. and Hake B. T., FPCBS-2013, pg.161-162

Seminars and Workshops Attended:-

1. Indian Science Congress 2000 on 3-7 th Jan. 2000 organized by University of Pune, Bharti Vidyapith and NCL
2. 24 th Conf. of ICC 2005 on 24 th Conf. of ICC 2005 organized by Birla College of Arts, Science and Commerce, Kalyan
3. 25 th Conf. of ICC 2006 on 27-29 th Dec. 2006 organized by Birla College of Arts, Science and Commerce, Kalyan

4. Regional Conf. for Pune University College Teachers INNOVATION-2009-10 on 24-25 th Nov. 2009-10 organised by BCUD, University of Pune at K. T. H. M. College, Nasik
5. International Conf. on 'Emerging Trends in Chemistry' on 5-7 Jan. 2010 organized by Department of Chemistry, University of Pune
6. National Conf. on "Frontiers in Physical Chemical and Biological Sciences" on 4-6 th Oct. 2013 organized by Dept. of Chem., University of Pune
7. National conf. in "Advances in chemical Science with a special reference to Molecular Spectroscopy, Material Science and Organic Electronics" NACACS-2014 on 19 th & 20 th 2014 organized by Department of Chemistry, Fergusson College, Pune
8. Symposium: NUCAR- 2005 on 15-18 March 2005 organized by Guru Nanak Dev University, Amritsar, India
9. National Symposium on Recent Advances in Chemical Sciences on January 7-8, 2011 organized by University of Kota, Kota (Rajasthan)
10. In connection with 'National Science Day' on 28 th Feb. 2001 organised by Agharkar Research Inst. Pune
11. Recent trends in Analytical Chemistry on 16-17 th Feb. 2007 organized by S.S.G.M. Sci., Gautam Arts and Sanjivani comm.. College, Kopargaon.
12. Seminar on "Recent Trends in Chemical and Material Science" RTCMS-2013 on 12 nd & 13 th Jan. 2013 organised by Dept. of Chem., Y M College, Pune.
13. Workshop on S. Y. B. Sc. Syllabus on 28 th Sept. 2013 organised by Modern College of Arts , Science and Commerce, Pune
14. International workshop on Nanotechnology and Advanced Functional Materials on 24 th & 25 th July 2013 organized by Material Research Society of India, (MRSI Pune Chapter)
15. Radiochemistry and Applications of Radioisotopes on 19-25, 2012 organized by BRNS, DAE, Pune University, Pune & IANCAS
16. Micro-scale Techniques in Physical chemistry on 21 st & 22 nd Feb. 2011 organized by Dept. Of Chemistry, Abasaheb Garware College, Pune
17. Mentoring Skills on 15 th Oct. 2010 organized by Dept. of Psychology, Fergusson College, Pune
18. Scientific Writing and Communication Skills on 9-10 th Feb. 2008 organized by Dr. V. G. Bhide Study Centre Vidnyan Bhavan and Chem. Dept. Univ. of Pune
19. Implementation of new syllabus at F.Y./S. Y.B.Sc. on 17 th Feb. 2004 organised by A. G. Mahavidyalay, Sangvi, Pune
20. Microscale techniques in Physical Chemistry organized by A. G. Mahavidyalay, Sangvi, Pune, on 13-14 th Feb. 2002
21. Computer applications in F. Y. B.Sc. Chem. Practicals organized by A.C. S. College, Akurd, on 14 th Sept. 2002
22. Use of Microtechniques in Physical Chemistry experiments organized by N. Wadia College, Pune on 8-9 th March 2001
23. Radiation, Radiochemistry and Applications organized by N. Wadia College, Pune on 2-4 th March 1995
24. Radiochemistry and Applications of Radioisotopes organized BARC, Bombay and Willingdon College Sangli on 4-11 th May 1994

Seminars and Workshops Organized:-

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| 1. 'Advances in Chemical Sciences with Special Reference to Molecular Spectroscopy, Material Science and Organic Electronics'-Conference Organizing Committee Member. |
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Other Accomplishments:-

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| 1. As a resource person for workshop entitled "Microscale Experiments in Inorganic Chemistry" organized by Chem. Dept. of Fergusson College and University of Pune on 19-21 st Feb. 1998 |
| 2. As a visiting faculty for B. Sc. Biotechnology at Fergusson College, Pune-4, in the year 2005-06, 2009-10, 2010-11, |
| 3. As a visiting faculty for M. Sc. at Annasaheb Magar College, Hadapsar, in the year 2005-06 |