

a) **Publications**

The college faculty and students have published many research papers in journals of national and international importance. The research papers are supported by the college administration and the required help is provided to publish them.

• **Prof. Dr. R.S. Zirange**

1. A Study on Effect of Gender on Learning English Vocabulary, Jumi Khyat, Vol-10 Issue-9(3), September, 2020, ISSN: 2278-4632
2. Use of PowerPoint as a Teaching Aid in Teaching English Vocabulary to Improve Long-term Memory of EFL/ESL Learners, Mukht Shabd, Vol-9 (9), September, 2020, ISSN NO : 2347-3150
3. Modern Feminism and Gender Negotiation in the Selected Novels of Jeanette Winterson, Our Heritage, Vol-68-Issue-32, February, 2020, ISSN: 0474-9030
4. Education through Social Movements as Reflected in Anita Nair's Novels, Electronic International Interdisciplinary Research Journal, Vol. VIII Special Issue – I, March, 2019, ISSN: 2277-8721
5. Role of Modern Education Methods in Enriching the Literary Thinking of the Students, Electronic International Interdisciplinary Research Journal, Vol. VIII Special Issue – I, March, 2019, ISSN: 2277-8722
6. Maggie Gee's The White Family: A Protest against Racism, International Journal of Innovative Knowledge Concepts, Vol. 6(3), March, 2018, ISSN: 2454-2415
7. Self-Identity and Cultural Conflict in Bharati Mukherjee's Jasmine, The Criterion: An International Journal in English, Volume VIII, Issue I, February, 2017, ISSN 0976-8165
8. Critical Lenses and not mere Language for Literary Content, International Journal of Multifaceted and Multilingual Studies, Volume IV, Issue I, January, 2017, ISSN: 2350-0476
9. Cultural Conflict and Hybridity in Wife by Bharati Mukherjee, International Journal of Multifaceted and Multilingual Studies, Volume IV, Issue I, January, 2017, ISSN: 2350-0476
10. Reflections on the Ecological Concerns in Maggie Gee's The Ice People, International Journal of Multifaceted and Multilingual Studies, Volume III, Issue IV, April, 2016, ISSN: 2350-0476
11. Fear of a Black Planet: Postmodernism, Science Fiction and the Idea of Otherness, Research Chronicle: A Peer-Reviewed Refereed and Indexed International Multidisciplinary Research Journal, Volume III, Issue IX, December, 2015, ISSN: 2347-5021
12. Let Us Think of the Future: A Critical Study of Science Fiction in Indian English Literature, International Journal of Innovative Knowledge Concepts, Volume 1, Issue 3, Sept. 2015, ISSN: 2454-2415
13. Naipaul's India: A Million Mutinies Now: A Postcolonial Picture Gallery of Indian Society, Asian Journal of Multidisciplinary Studies, Volume 2, Issue 6, June, 2014, ISSN 2321-8819
14. Maggie Gee's The Flood: A Socio-Political Satire in the Apocalyptic Mode, The Indian Review of World Literature in English, Vol.10, No. I, January, 2017, ISSN:0974-097X
15. Angela Carter's Heroes and Villains: A Dystopian Romance, 3L: The Southeast Asian Journal of English Language Studies, Vol 19(2), 2013, ISSN: 0128-5157
16. The Passion of New Eve as a Postmodern and Feminist Novel: An Assessment, Galaxy: International Multidisciplinary Research Journal, Vol. I, Issue, IV, October, 2012, ISSN 2278-9529

17. Angela Carter's Critique of Enlightenment and Postmodern Aesthetics in *The Infernal Desire Machines of Dr. Hoffman*, *The Criterion: An International Journal in English*, Volume III, Issue III, September, 2012, ISSN 0976-8165
18. Angela Carter's Love: Subversion of 'Novel of Sensibility', *Counter-Vie: A Peer-Reviewed Multi-Disciplinary International Research Journal*, Vol.1 Issue 2, June, 2012, ISSN 2277-775X
19. Girish Karnad's *Tughaq*: as a Shakespearean Tragic Hero, *Critical Essays on Indian English Drama*, -, 2012, ISBN 0978-909266-1-4
20. *The Passion of New Eve: Female Utopian World*, *Counter-View: A Peer-Reviewed Multi-Disciplinary International Research Journal*, Vol.1 Issue 1, March, 2012, ISSN 2277-775X
21. Postmodern Reading of Angela Carter's *Wise Children*, *Thematics Journals of English Criticism*, Vol.1, Issue-1, November, 2011, ISSN 2229-581X
22. Intertextual Weaving in the Fiction of Angela Carter, *Asian Quarterly: An International Journal of Contemporary Issues*, Volume 9, Issue 1, May, 2011, ISSN 2229-581X
23. Futuristic Dystopias as Feminist Protest in Angela Carter's Fiction, *The Criterion: An International Journal in English*, Volume II, Issue II, June, 2011, ISSN 0976-8165
24. Feminist Science Fiction: Images of Future Women, *Asian Quarterly: An International Journal of Contemporary Issues*, Volume 7, Issue 4, Feb. 2010, ISSN 2229-581X
25. Innovative Techniques in the Teaching of Drama, *Bharati Vidyapeeth University Research Journal*, Volume VI, Number 1, October, 2008, -
26. Alien Encounters in Angela Carter's Science Fiction, *Bharati Vidyapeeth University Research Journal*, Volume V, Number 1, April, 2007, -
27. Semantics and pragmatics, Emergence of pragmatics, *Semantics and Pragmatics – II*, -, April, 2007, ISBN 978-93-89792-19-5
28. Sentence and utterance, Presupposition and implicature, *Semantics and Pragmatics – II*, -, 2019, ISBN 978-93-89792-19-5
29. Speech event and speech situation, *Speech Acts*, *Semantics and Pragmatics – II*, -, 2019, ISBN 978-93-89792-19-5
30. Conversational Principles: PP, CP, Deixis, Turn-taking and adjacency pairs, *Semantics and Pragmatics – II*, -, 2019, ISBN 978-93-89792-19-5
31. Seven types of meanings, Components and contrast of meaning, *Semantics and Pragmatics – I*, -, 2018, ISBN 978-81-941680-4-1
32. Entailment, *Semantics and Logic*, *Semantics and Pragmatics – I*, -, 2018, ISBN 978-81-941680-4-2
33. *English for Specific Academic Purposes*, *English for Specific Purposes*, -, 2018, ISBN 978-93-88794-30-5
34. The stylistics of drama, *Linguistics and Stylistics – II*, -, 2018, ISBN 978-93-88794-30-5
35. The teaching of drama, The teaching of fiction, Lecture plan for teaching English language and literature, *English Language and Literature Teaching – II*, -, 2018, ISBN 978-93-88794-28-2
36. The Relationship Between Language Teaching & Literature Teaching, *English Language and Literature Teaching – II*, -, 2018, ISBN 978-93-88794-28-3
37. Syntax and literature, *Linguistics and Stylistics – I*, -, 2018, ISBN 978-93-88283-48-9
38. Theories of language learning and their implications for teachers and learners, *English Language and Literature Teaching – I*, -, 2018, ISBN 978-93-88283-67-0
39. The nature of language, learning & language teaching, study of literature & teaching of literature, *English Language and Literature Teaching – I*, -, 2018, ISBN 978-93-88283-67-1

40. Clauses, Structure and Function of Modern English, -, 2009, ISBN- 978-81-8486-167-9
41. Style, Stylistics and Sociolinguistics, Perspective on Modern Linguistics, -, 2008, ISBN- 978-81-8486-071-9
42. B.A. Semester-V: Compulsory English - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2020, ISBN 978-93-89792-45-4
43. B.A. Semester-V: English (S5) - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2020, ISBN 978-93-89792-48-5
44. B.A. Semester-V: English (S7) - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2020, ISBN 978-93-89792-50-8
45. B.A. Semester-IV: Compulsory English - II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-93-89792-35-5
46. B.A. Semester-IV: English (G2) - II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-93-89792-36-2
47. M.A. Semester-IV: Contemporary Critical Thoughts - II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-93-89792-17-1
48. M.A. Semester-IV: Semantics and Pragmatics - II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-93-89792-19-5
49. B.A. Semester-III: Compulsory English - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-93-88794-98-5
50. B.A. Semester-III: English (G2) - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-81-941479-0-9
51. M.A. Semester-III: Contemporary Critical Thoughts - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-81-941680-1-0
52. M.A. Semester-III: Semantics and Pragmatics - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-81-941680-4-1
53. M.A. Semester-III: Research Methodology - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-81-941680-2-7
54. M.A. Semester-III: Developing Soft Skills, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2019, ISBN 978-81-941680-5-8
55. B.A. Semester-II: English (G1) - II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88794-12-1
56. B.Com. Semester-II: Additional English - II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88794-08-4
57. M.A. Semester-II: English Language and Literature Teaching – II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88794-28-2
58. M.A. Semester-II: Introduction to the Study of English Language- II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88794-27-5
59. M.A. Semester-II: Linguistics and Stylistics – II, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88794-30-5
60. M.A. Semester-II: English for Specific Purposes, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88794-30-5
61. B.A. Semester-I: English (G1) – I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88283-28-1
62. B.Com. Semester-I: Additional English – I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88283-43-4
63. M.A. Semester-I: English Language and Literature Teaching – I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88283-67-0
64. M.A. Semester-I: Introduction to the Study of English Language - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88283-46-5

65. M.A. Semester-I: Linguistics and Stylistics - I, Bharati Vidyapeeth (Deemed to be University), Pune, -, 2018, ISBN 978-93-88283-48-9
66. Special Issue of International Journal of Multidisciplinary and Multilingual Studies on Indian English Literature in the 21st Century, International Journal of Multidisciplinary and Multilingual Studies, -, March, 2016, ISSN 2350-0476
67. RambhauBadode: A Story of Transformation, RambhauBadode Felicitation Committee, Mumbai, -, December, 2015, -
68. Special Issue International Journal of Innovative Knowledge Concepts, International Journal of Innovative Knowledge Concepts, -, September, 2015, ISSN: 2454-2415
69. Conference Proceedings entitled International Conference on 'Postmodernism and Indian English Literature', BVDU Yashwantrao Mohite College, Pune, -, February, 2014, ISBN 978-81-923438-5-8
70. Souvenir entitled First World Conference on 'Science Fiction Studies' in India, BVDU Yashwantrao Mohite College, Pune, -, February, 2013, ISBN 978-81-923438-2-2
71. Souvenir entitled 'The Influence of The Ramayana and The Mahabharata on Indian English Literature', BVDU Yashwantrao Mohite College, Pune, -, February, 2012, ISBN 978-81-923438-0-8
72. Souvenir of the research papers entitled 'Postcolonial Literature: An Emerging Area in Literary Studies', BVDU Yashwantrao Mohite College, Pune, -, March, 2011, -
73. Souvenir of the research papers entitled 'Rethinking Feminism: A Literary Perspective', BVDU Yashwantrao Mohite College, Pune, -, March, 2010, -

• **Prof. Dr. V.A.Rankhambe**

1. Marital Incompatibility in Things We Left Unsaid by Zoya Pirzad and Cry the Peacock by Anita Desai pp. 01- 06
2. June-2015, International Journal of Multifaceted and Multilingual Studies (IJMMS), , Vol.-II, Issue- VI, UGC: 47674 pp. 16-23, ISSN Online 2350-0476 ISSN Print 2394-207X Impact Factor: 4.205
3. Significance of Home and Family Relationship in Charles Johnson's Middle Passage August, 2015, International Journal of Multidisciplinary Research (IJMMS) UGC Sr. No.: 47674, , Vol.-II, Issue VII, UGC: 47674 pp. 01-06, ISSN Online 2350-0476 ISSN Print 2394-207X Impact Factor: 4.205
4. Historical, Cultural and Colonial Aspects in M.M. Kaye's The Far Pavilions (An Interdisciplinary Study) pp. 01-06 Sept., 2015, International Journal of Multidisciplinary Research (IJMMS) UGC Sr. No.: 47674, , Vol.-II, Issue IX , UGC: 47674 pp. 01-07, ISSN Online 2350-0476 ISSN Print 2394-207X Impact Factor: 4.205
5. Issues Related with the International Students' Education in Indian Classroom. October 2015, International Journal of Multidisciplinary Research (IJMR), , Vol. IV, Issue 6 (I), pp. 30-32, ISSN Print 2277-9302
6. Plays Based on the Themes from The Ramayana and The Mahabharata pp. 16—22 June-2016, International Journal of Multifaceted and Multilingual Studies (IJMMS) pp. 1 - 6, , Vol.III, Issue- VI, pp. 16-22, ISSN Online 2350-0476 Impact Factor: 4.205
7. The Influence of The Ramayana and The Mahabharata on the Selected Indian Poetry Sept -2016, International Journal of Multifaceted and Multilingual Studies (IJMMS) UGC Sr. No.: 47674, , Vol. III, Issue - IX, pp. 1-4, ISSN Online 2350-0476 ISSN Print 2394-207X Impact Factor: 4.205
8. Reflection of The Ramayana and The Mahabharata in Marathi Literature: A Review July., 2016, International Journal of Multifaceted and Multilingual Studies (IJMMS)

UGC Sr. No.: 47674, , Vol. III Issue : VII pp. 16-27, ISSN Online 2350 -0476 ISSN Print 2394 -207X Impact Factor: 4.205

9. Contextualising History, Myth, Mystery and Fiction: A Paradigmatic Study of M. M. Kaye's *The Far Pavilions* Oct., 2016, *Humanities & Social Sciences Review* pp. 171-174, , (Online) ISSN: 2165-6258 : 05(03) :, 523 -524 (2016)
10. Thematic Study of Anita Desai's *Cry, the Peacock* and *Where Shall We Go This Summer?* pp. 105-114 Nov., 2015, *International Journal of Multifaceted and Multilingual Studies (IJMMS)* UGC Sr. No.: 47674, , Vol.II, Issue- II, UGC: 47674 pp. 105-114, ISSN Online 2350-0476 ISSN Print 2394-207X Impact Factor: 4.205
11. Stylistic Approach to the Teaching of Literature pp. 1 -4 Dec., 2016, *International Journal of Multifaceted and Multilingual Studies (IJMMS)* UGC Sr. No.: 47674, , Vol: III Issue: X, pp. 70-73, ISSN (Online) 2350-0476 (Print) 2394-207X Impact Factor: 4.205
12. Female Protagonists and Their Conditions in the Selected Novels of Anita Nair, *International Journal of Multilingual and Multifaceted Studies*, , Vol. IV Issue: 7, p.78-81, ISSN 2454-2415
13. Harassment to Release of Meera: In Anita Nair's *Lessons in Forgetting* Aug 2017, *International Journal of Innovative Knowledge Concepts*, , Vol. V Issue: 8, p.78-81, ISSN 2454-2415
14. Emerging Female Characters in Anita Nair's Novels Sept., 2017, *International Journal of Innovative Knowledge Concepts*, , Vol. V Issue: 9, p.1-5, ISSN 2454-2415
15. Social and Ethical Concerns in Traditional Storytelling: Re-reading of Select Tales from *Hitopdesha Tales* pp: 70 -73 Feb., 2018, *International Journal of Multifaceted and Multilingual Studies (IJMMS)* UGC Sr. No.: 47674, , Volume: V Issue: II, pp: 106-109, ISSN (Online) 2350-0476 (Print) 2394-207X Impact Factor: 4.205
16. Trans-Corporeality as a Conceptual Model of Material Ecocriticism and the Human Body as a Site of Narrativity in *Baromaas: Twelve Enduring Months* May 2019, *HEALM-2019*, , Proceeding Book 15-18, ISSN 978-93-85822-88-9
17. Issues of Caste and Religion: Reflections in Bharat Sasane's *Two Friends: A Perspective of the Third* February -2020, *Our Heritage*, , Vol-68 Issue-32- 653-659, ISSN 0474-9030
18. 'Khelega India to Khilega India', the Government Initiative for the Promotion of Sports Culture and Stakeholders' Responsibilities: A Critique February - 2020, *Our Heritage*, , Vol. 68 Issue-50 February, 2020 PP.76-88, ISSN 0474-9030

• **Dr.Mohan L.Jamdade**

1. "Methodology for Library stock verification through Microsoft Excel", *Wesleyan Journal of Research* Vol 03 No.04, December 2020. (UGC Care Listed Journal)
2. "Resource Discovery, Remote Access and Virtual Technologies: A boon for Academic and Research community", *The Journal of Oriental Research Madras*, December, 2020. (UGC Care Listed Journal)
3. "Developing A Depth Classification Scheme for Ayurveda", *Journal of Indian Library Association*, October-December; 2013. (UGC Care Listed Journal)
4. A Bibliometric study of Directory of Open Access Journals: Special Reference to Library & Information Science, *Asian Journal of Multidisciplinary Studies*, August 2013.
5. "Classification And Its Development: A Study", *Indian Streams Research Journal*, Sept.; 2012. available at www.isrj.net

6. "Classification schemes in Ayurved College Libraries in Maharashtra: a study", Indian Streams Research Journal, August; 2011. available at www.isrj.net

- **Dr. Prashant Tryambak Patil**

1. Study of Venture Capital Investors Role beyond Financial Investment in Start-ups, Shodh Sarita, Volume – 8, Issue 29, 3/1/2021, 2348-2397
2. Study of Emerging Technology Adoption for Customer Experience creation by Indian Banking Industry, International Research Journal of Multidisciplinary Studies, Vol.: 7, Issue: 2, 2/1/2021, 2454-8499
3. Study of Financial Awareness and Its Impact on Investment Strategies adopted by Salaried Individuals, International Research Journal of Multidisciplinary Studies, Vol.: 7, Issue: 7, 7/1/2021, 2454-8499

Dr.B.N.Pawar

1. Deposition of β -In₂S₃ Photosensitive Thin Films by Ultrasonic Spray Pyrolysis, ES Energy & Environment, Vol. 12, P 52-59, 2021, ISSN-2578- 0646(p), 2578-0654 (online)
2. Thin Zn_{1-x}Mn_xO Films (x = 1–4 at %) by Chemical Bath Deposition: Influence of Dopant Concentration, International Journal of Self-Propagating High-Temperature Synthesis, , 2021, Vol. 30, No. 2, pp. 100–105. © Allerton Press, Inc., 2021., ISSN 1061-3862
3. Phase Transformation from In₂S₃ to CuIn₃S₃ using Ultrasonic Spray Pyrolysis, International Journal of Engineering, Science and Mathematics, Vol.6 (7) Nov-2017, P-417-423, ISSN: 2320-0294
4. ENGINEERING THE PROPERTIES OF ZINC OXIDE (ZNO) THIN FILM FOR DILUTE MAGNETIC SEMICONDUCTOR VIA NI INCORPORATION, GLOBAL JOURNAL OF MULTIDISCIPLINARY STUDIES, Volume-5, Issue-12, November 2016, ISSN 2348-0459
5. Control Growth of ZnO nanorods by Chemical Bath Deposition: study on Heat Treatment effect, Asian J. of Multidisciplinary studies, 4(13), (2016) 171, ISSN: 2321-8819
6. Eco-friendly Physicochemical-based Rapid Synthesis Nanoparticles, RSC Advances, 6 (2016) ISSN 48420–48426
7. Hexamethylenetetramine-mediated TiO₂ films: Facile chemical synthesis strategy and their use in nitrogen dioxide detection, Materials Letters, 173 15 June (2016) 9-12, ISSN: 0167-577X
8. Synthesis and electrochemical super capacitive performance of Ni–manganese ferrite composite films, J. of Analytical and Applied Pyrolysis , Volume 116, (Nov. 2015),177-182, ISSN:0165-2370
9. Molar Concentration Dependant Structural and Optical performance of Metal (Zn) Oxide Thin Films derived from Chemical Spray, Asian J. of Multidisciplinary studies, 3 (12), (2015), 35-39, ISSN: 2321-8819
10. Effect of Concentration of Precursor on Intrinsic ZnO Thin Films by Spray Pyrolysis, Asian J. of Multidisciplinary studies, Vol. Issue (5), May 2014, P: 109-113 , ISSN: 2321-8819
11. Effect of pH on the Properties of ZnO thin Films Grown by Chemical Bath Deposition,, IJSR - International J. Scientific Res., Vol. : 2,(4), Apr. 2013, P: 329-331, ISSN:2277–8179

12. Role of concentration and temperature on well-aligned ZnO nanorod by low temperature wet chemical bath deposition method, Archives of Physics Research, 2012, 3 (5):P:401-406, , ISSN: 0976-0970
13. Liquefied petroleum gas sensing properties of sprayed nanocrystalline zinc oxide thin films, Sensors and Actuators A:Physical, 189 (2013) 339– 343 , ISSN: 0924-4247
14. Roughness-based monitoring of transparency and conductivity in boron-doped ZnO thin films prepared by spray pyrolysis, Materials Research Bulletin , 47 (2012) 4257-4262 , ISSN:0025-5408
15. Nanocrystalline ZnO Films deposited by Spray Pyrolysis: Effect of Gas Flow Rate, International , J. of self-Propagating high Temp.Synthesis, , Vol.21 (3) June (2012)178-182 ,
16. Nitrogen-doped ZnO shells: Studies on optical transparency and electrical Conductivity , Materials Research Bulletin , 47 (2012) 1246–1250, ISSN:0025-5408
17. StudieStudies on Nanostructured ZnO thin films deposited by spray pyrolysis, Asian J. of Biochemical &Pharmaceutical Research, , Issue3, Vol.1 (2011) 391, ISSN:2231-2560
18. Back Backing impact on photoelectrochemical cells performance of electrodeposited CdSe films. , J. of Phys. and Chem. of Solids, , Vol. 72, (2011) 1122-1127 ,
19. Infl Influence in high quality zinc oxide films and their photo electrochemical performance; Journal of Alloys and Compounds , 503 (2010), 416-421)
20. Metal Metal oxide (ZnO) thin films deposited by spary pyrolysis technique: Effect of solution concentration. , Bharati Vidyapeeth Uni. Res. Jou. , VII (2) (2010) 80
21. Depos Deposition and characterization of transparent and conductive sprayed ZnO:B thin films. , J. of Phys. and Chem. of Solids,, Vol. 66, (10) (2005) 1779-1782
22. F Fluorine-doped zinc oxide transparent and conducting electrode by chemical spray synthesis, , Applied Surface Science, , V 254, (20) 15 August (2008), 6294-6297
23. Preparation of transparent and conducting boron-doped ZnO electrode for its application in dye-sensitized solar cells, Solar Energy Materials and Solar Cells, , V 93(4),April (2009) 524-527,
24. Dye-sensitized solar cell and electrochemical supercapacitor applications of electrochemically deposited hydrophilic and nanocrystalline tin oxide film electrodes, Current Applied Physics, , V 9 (1) January (2009) 87-91,
25. E Electrochemical capacitive properties of spray-pyrolyzed copper-ferrite thin films. , Current Applied Physics,, V ,(1)1,January (2009) S98-100 ,
26. Mu Multiple band gap energy layered electrode for photoelectrochemical cells, Current Applied Physics, , V 9(2) March (2009) 384-389,
27. Fi Field emission of bismuth Sulphide upright- standing platelets, , Journal of Applied Physics, , Vol 103 (2008) 1. ,
28. ElctDdeposition of Cadmium Selenide Thin Films in Acidic and Alkaline Media, , Bharati Vidyapeeth Uni. Res. Jou. , VI (1) (2008) 62-68,
29. Ef Effect of substrate temperature on optical properties of EB-PVD deposited silicon oxynitride thin films., Advances in Optical Thin Films, SPIE., 5250, (2003) 676-684.,
30. Enhancement in physical properties of transparent conducting ZnO film by Al incorporation, , Physics and Technology of Thin Films, , (2004), 344-354.,
31. P Preparation and characterization of Transparent Conductive impurity doped ZnO films Films; Pyrolysis technique. , Recent Adv. Renewable Energy Technology., (2002), 167-173,
32. Role of Rise Husk in Energy Crises; Excitement in Science for Youth, (1986), 125-130.,

33. Opto-electronic and Photovoltaic properties of HW-CVD deposited a-SiG:H/mc-Si:H multilayer structures., proceedings, 2nd IC on Cat-CVD Process, 2002, Denver,Colorado, U.S.A. pp.107, (2002),
34. Role of filament temperature on HW-CVD deposited a-Si:H films, proceedings, 2nd IC on Cat-CVD Process, 2002, Denver,Colorado, U.S.A. pp.307, (2002)
35. Influence of process pressure on Electrical, Optical and Structure properties of a-Si:H films deposited by HW-CVD., proceedings, 2nd IC on Cat-CVD Process, 2002, Denver,Colorado, U.S.A. pp.311, (2002)
36. The effect of substrate temperature on HW-CVD deposited a-Si:H films., proceedings, 2nd IC on Cat-CVD Process, 2002, Denver,Colorado, U.S.A. pp.315, (2002)

Dr. O. B. Gurav (20)

1. Onkar B. Gurav, Rupesh N. Ghodpage*, Parashram T. Patil, Sripathi Samireddipalle, Ashok K. Sharma, Alok K. Taori and Dadaso J. Shetti, Occurrence climatology of equatorial plasma bubbles (EPBs) using optical observations over Kolhapur, India during solar cycle-24, *Annals of Geophysics*, 63 (6), 2020, 10.4401/ag-8068. Impact Factor: 1.78
2. O. B. Gurav, V. L. Narayanan, A. K. Sharma*, R. N. Ghodpage, H. P. Gaikwad, P. T. Patil, Airglow imaging observations of some evolutionary aspects of equatorial plasma bubbles from Indian sector, *Advances in Space Research*, 2019, <https://doi.org/10.1016/j.asr.2019.04.008>. Impact Factor: 1.52
3. D. J. Shetti, O. B. Gurav and G. K. Seemla, Occurrence characteristics of equatorial plasma bubbles and total electron content during solar cycle peak 23rd to peak 24th over Bangalore (13.02° N, 77.57° E). *Astrophys Space Sci*, 364, 156 (2019), Impact Factor: 1.681
4. O. B. Gurav, A. K. Sharma*, R. N. Ghodpage, D. P. Nade, G. A. Chavan, H. P. Gaikwad and P. T. Patil, Zonal drift velocity of Equatorial Plasma Bubbles during ascending phase of 24th solar cycle using All Sky Imager over Kolhapur, India. *Journal of Geophysical Research: Space Physics*, 123, 2018, <https://doi.org/10.1029/2018JA025810>. Impact Factor: 2.75
5. A. K. Sharma, O. B. Gurav*, G. A. Chavan, H. P. Gaikwad, R. N. Ghodpage, P. T. Patil, Variation in occurrence of equatorial plasma bubbles (EPBs) using All Sky Imager from low latitude station Kolhapur (16.8°N, 74.2°E, 10.6°N dip. Lat.), *Advances in Space Research*, 60, 2452–2463, 2017, Impact Factor: 1.52
6. A. K. Sharma, O. B. Gurav*, H. P. Gaikwad, G. A. Chavan, D. P. Nade, R. N. Ghodpage, P. T. Patil. Study of Equatorial Plasma Bubbles using All Sky Imager and Scintillation Technique from Kolhapur Station: A Case Study, *Astrophysics and Space Science*, 363:83, 2018, Impact Factor: 1.88
7. A. K. Sharma, O. B. Gurav*, Anindya Bose, H. P. Gaikwad, G. A. Chavan, Atanu Santra, S. S. Kamble, R. S. Vhatkar, Potential of IRNSS/NavIC L5 signals for ionospheric studies, *Advances in Space Research*, 2019, 0273-1177, <https://doi.org/10.1016/j.asr.2019.01.029>. Impact Factor: 1.52
8. R. N. Ghodpage*, Alok Taori, O. B. Gurav, P. T. Patil, G. P. Naniwadekar, S. Gurubaran, Devendra Singh, “Wave signature in the upper mesospheric temperature and their association with the wind fields at low latitude”, *Advances in Space Research*, Accepted, April 2019. Impact Factor: 1.52
9. R. N. Ghodpage*, P. T. Patil, O. B. Gurav, S. Gurubaran and A. K. Sharma, Ionospheric response to major storm of 17th March 2015 using multi-instrument data over low

- latitude station Kolhapur (16.8oN, 74.2oE, 10.6oN dip. Lat.), *Advances in Space Research*, 62, 624–637, 2018, Impact Factor:1.52
10. H. P. Gaikwad, A. K. Sharma*, O. B. Gurav, G. A. Chavan, D. P. Nade, P. T. Patil, S. S. Nikte, G. P. Naniwadekar, Seasonal, annual, and interannual variability in MLT quasi- two-day waves over the low-latitude region Kolhapur (16.8°N; 74.2°E), *Advances in Space Research*, 0273-1177, 2019, <https://doi.org/10.1016/j.asr.2018.12.029>. Impact Factor:1.52
 11. A. K. Sharma, G. A. Chavan*, H. P. Gaikwad, O. B. Gurav, D. P. Nade, S. S. Nikte, R. N. Ghodpage, P. T. Patil, Study of ionospheric irregularities from Kolhapur (16.4oN, 74.2oE), *Journal of Atmospheric and Solar-Terrestrial Physics*, 1–7, 2017, Impact Factor: 1.75
 12. A. K. Sharma, G. A. Chavan*, O. B. Gurav, H. P. Gaikwad, R. N. Ghodpage, D. P. Nade, Dynamics of ionospheric irregularities in increasing phase of 24th solar cycle at Kolhapur [16.4o N, 74.2o E], *Advances in Space Research*, 60, 2195–2205, 2017, Impact Factor: 1.52
 13. G.A.Chavan,A.K.Sharma*,O.B.Gurav,H.P.Gaikawad,D.P.Nade,S.S.Nikte,R. N. Ghodpage and P. T. Patil, Dependence of coherence scales of ionospheric scintillation patterns on magnetic activity, *MAPAN-Journal of Metrology Society of India*, 2016, Impact Factor: 0.6
 14. A. K. Sharma, H. P. Gaikwad*, M. Venkat Ratnam, O. B. Gurav, L. Ramanjaneyulu, G. Chavan, S. Sathishkumar, Diurnal, monthly and seasonal variation of mean winds in the MLT region observed over Kolhapur using MF radar, *Journal of Atmospheric and Solar-Terrestrial Physics*, 169, 91–100, 2018, Impact Factor:1.75
 15. D. P. Nade, D. J. Shetti, A. K. Sharma*, A. Taori, G. A. Chavan, P. T. Patil, R. N. Ghodpage, O. B. Gurav, and S. S. Nikte, Geographical analysis of equatorial plasma bubbles by GPS and nightglow measurements, *Advances in Space Research*, 56, 1901–1910, 2015, Impact Factor:1.52
 16. S. S. Nikte*, D. P. Nade, A. K. Sharma, G. A. Chavan, O. B. Gurav, M. V Rokade, M. P. Yadav, P. T. Patil, and R. N. Ghodpage, Observations in quiet day pattern of cosmic radio noise using riometers, *Canadian Journal of Basic and Applied Sciences (CJBAS)*, 3, 213– 223, 2015, Impact Factor:0.19
 17. O. B. Gurav, S. Sripathi*, R. N. Ghodpage, Radio and optical investigations of storm time evolution of post-midnight equatorial plasma bubbles (EPBs) and their drifts over Indian sector, *Advances in Space Research*, 67 (1), 2021, 87-101, <https://doi.org/10.1016/j.asr.2020.09.021>. Impact Factor: 1.52
 18. Gajanan Patil, Subhas Pawar, Onkar Gurav, Jalindar Bhosale, Sonali Rananavare, Variation in atmospheric air ion and its index of pollution during morning time (06:00 to 08:00 IST) in the sugarcane area at rural station Bhilawadi (16.5°N, 74.2°E), *Int. J. Environment and Sustainable Development*, Vol. 20, No. 2, 2021.
 19. Rupesh N. Ghodpage, Alok Taori, D. P. Nade, M. K. Madhav Haridas, O. B. Gurav, Sanat K. Das & P. T. Patil, Impact of COVID-19 lockdown on ground-based airglow observations over India, *Remote Sensing Letters*, 12:5, 488-498, 2021.
 20. R. N. Ghodpage, O. B. Gurav, A. Taori, S. Sau, P. T. Patil, V. C. Erram, S. Sripathi, Observation of an Intriguing Equatorial Plasma Bubble Event Over Indian Sector, *Journal of Geophysical Research*, 2021.

- **Dr. H. P. Deshmukh**

- 1) Structural, electrical and optical properties of TiO₂ doped WO₃ thin films
Applied Surface Science 252 (2005) 1643–1650

- P.S. Patil , S.H. Mujawar , A.I. Inamdar , P.S. Shinde , **H.P. Deshmukh** , S.B. Sadale
- 2) Structural, optical and electrical characterization of spray-deposited TiO₂ thin films
Materials Science and Engineering B 130 (2006) 220–227
H.P. Deshmukh, P.S. Shinde , P.S. Patil
 - 3) Properties of mixed molybdenum oxide–iridium oxide thin films synthesized by spray Pyrolysis
Applied Surface Science 252 (2006) 8371–8379
P.S. Patil , R.K. Kaware , S.B. Sadale , A.I. Inamdar , **H.P. Deshmukh**
 - 4) Effect of film thickness on electrochromic activity of spray deposited iridium oxide thin films
Materials Chemistry and Physics 99 (2006) 309–313
P.S. Patil , S.H. Mujawar , S.B. Sadale , **H.P. Deshmukh**, A.I. Inamdar
 - 5) Spray deposited titanium oxide thin films as passive counter electrodes
Electrochimica Acta 52 (2007) 3114–3120
P.S. Shinde ,**H.P. Deshmukh**, S.H. Mujawar , A.I. Inamdar , P.S. Patil
 - 6) Synthesis of electrochromic vanadium oxide by pulsed spray pyrolysis technique and its properties
J. Phys. D: Appl. Phys. 42 (2009) 025404 (7pp)
C E Patil, N L Tarwal, P S Shinde, **H P Deshmukh** and P S Patil
 - 7) From beads-to-wires-to-fibers of tungsten oxide: electrochromic response
Applied Physics A: Materials Science and Processing 97-2 (2009) 323-330
P.M. Kadam , N.L. Tarwal , P.S. Shinde , R.S. Patil , **H.P. Deshmukh** , P.S. Patil
 - 8) Efficient electrochromic nickel oxide thin films by electrodeposition
Journal of Alloys and Compounds 489 (2010) 667–673
A.C. Sonavane, A.I. Inamdar, P.S. Shinde, **H.P. Deshmukh**, R.S. Patil , P.S. Patil
 - 9) Simple and rapid synthesis of NiO/PPy thin films with improved electrochromic performance
Electrochimica Acta 55 (2010) 2344–2351
A.C. Sonavane , A.I. Inamdar , D.S. Dalavi , **H.P. Deshmukh** , P.S. Patil
 - 10) Multicoloured electrochromic thin films of NiO/PANI
J. Phys. D: Appl. Phys. 43 (2010) 315102 (8pp)
A C Sonavane, A I Inamdar, **H P Deshmukh** and P S Patil
 - 11) Enhanced optical modulation due to SPR in gold nanoparticles embedded WO₃ thin films
Journal of Alloys and Compounds 509 (2011) 1729–1733
P.M. Kadam, N.L. Tarwal, P.S. Shinde, S.S. Mali, R.S. Patil, **H.P. Deshmukh**, P.S. Patil
 - 12) Electrochromic performance of mixed V₂O₅–MoO₃ thin films synthesized by pulsed spray Pyrolysis technique
Materials Chemistry and Physics 126 (2011) 711–716
C.E. Patil , P.R. Jadhav, N.L. Tarwal, **H.P. Deshmukh**, M.M. Karanjkar, P.S. Patil
 - 13) Enhanced electrochromic performance of f-MWCNT-WO₃ composite
Electrochimica Acta 58 (2011) 556– 561
P.M. Kadam, N.L. Tarwal, S.S. Mali, **H.P. Deshmukh**, P.S. Patil
 - 14) Farming of ZnO nanorod-arrays via aqueous chemical route for photoelectrochemical solar cell application
CERAMICS INTERNATIONAL 38-8 (2012) 6461-6467
S.A. Vanalakar, S.S.Mali, R.C.Pawar, D.S.Dalavi, A.V.Mohalkar, H.P Deshmukh P.S. Patil
 - 15) Studies on an antimicrobial activity of metal (Mn, Fe, Co, Ni, Cu) chelates of 1, 2-naphthoquinone 2-oxime
International Journal of Chemical Sciences 11-3 (2013) 1286-1298
SRG Jadhav V.B., Deshmukh H.P., Gonewar N.R., Jadhav K.D.

- 16) Electrochromic properties of vanadium oxide thin films prepared by PSPT: Effect of substrate temperature
AIP Conference Proceedings 1536 (2013) 517-518
 PPS Patil C.E., Jadhav P.R., Tarwal N.L., Deshmukh H.P., Karanjakar M
- 17) Chemical functionalization of carbon nano tube
AIP Conference Proceedings 1536 -1 (2013) 249-250
 SH Pisal, NS Harale, SA Pawar, HP Deshamukh, PS Patil
- 18) Electrochromic performance of the mixed V2O5-WO 3 thin films synthesized by pulsed spray pyrolysis technique
Current Applied Physics; 14-3 (2014) 389-395
 PS Patil C.E., Tarwal N.L., Jadhav P.R., Shinde P.S., Deshmukh H.P ...
- 19) Development of Zn2SnO4 thin films deposited by spray pyrolysis method and their utility for NO2 gas sensors at moderate operating temperature
Journal of Analytical and Applied Pyrolysis 107 (2014) 233-241
 RKY Ganbavle V.V., Patil M.A., Deshmukh H.P.
- 20) Functionalized Multi-Walled Carbon Nanotubes for Nitrogen Sensor
Journal of Applied Chemistry 7-11 (2014) 49-52
 SH Pisal, NS Harale, TS Bhat, HP Deshmukh, PS Patil
- 21) Hydrothermal synthesis of rutile TiO2 bottle brush for efficient dye-sensitized solar cells
Journal of nanoparticle research 16-6 (2014) 2406
 SS Mali, JV Patil, PM Kadam, HP Deshamukh, CS Shim, PS Patil, ...
- 22) Quantum dots sensitized solar cells for conversion of energy in future
International Journal of Innovative Knowledge Concepts, 3-12 (2015)
 Sudhir D.Vavale, Deepti H. Deshmukh and Harish P.Deshmukh
- 23) Characterization techniques for TiO2 thin films
Asian Journal of Multidisciplinary Studies 4-4 (2016)
 S.S. Shukla , H.P. Deshmukh
- 24) Synthesis and characterization of zinc stannate thin films prepared by spray pyrolysis technique
Journal of Materials Science: Materials in Electronics 27 (12), 12323-12328
 MA Patil, SH Mujawar, VV Ganbavle, KY Rajpure, HP Deshmukh
- 25) Electrochromic Properties of Copper Oxide (I) Thin Films
Energy and Environment Focus 5 (3), 195-199
 BB Dhale, SH Mujawar, HP Deshmukh, PS Patil
- 26) Preparation, characterization of 1D ZnO nanorods and their gas sensing properties
Ceramics International 44 (2018) 3333–3340
 Supriya B. Jagadale, Vithoba, L. Patil ,Sharadrao A. Vanalakar, Pramod S. Patil, Harish P. Deshmukha.
- 27) Nanorods to nanosheets structural evolution of NixZn1-xO for NO2 gas sensing application
Journal of Alloys and Compounds 766 (2018) 941e951
 Supriya B. Jagadale ,Vithoba L. Patil , Sawanta S. Mali , Sharadrao A. Vanalakar , Chang K. Hong , Pramod S. Patil , Harish P. Deshmukh .
- 28) Hydrothermal method for Synthesis of different Nanostructure Metal Oxide thin film.
International Journal of Innovative Knowledge Concepts, 6(11) November, (2018) DOI 11.25835/IJK-321
 Sudhir D, Sunil G. Pawar, Deepti, H. Deshmukh, Harish P. Deshmukh
- 29) Rutile TiO2 Nanoflowers acquire by using simple hydrothermal method for Efficient Dye Sensitized Solar Cell

- 30) Fast response and highly selective nitrogen dioxide gas sensor based on Zinc Stannate thin films

• **Dr. A .B.Pawar**

1. Isolation, Characterization and Antimicrobial Activity of an Aromatic Ester from Ipomoea Carnea Stem Bark., Journal of Advanced Scientific Research, Vol. 12, Issue 2, PP 245-251, 44348, e-ISSN: 0976-9595
2. Spectral and thermal investigation of bioactive 1, 4- Naphthoquinones and its metal chelates (Zn, Cd, Hg). , International Journal of Innovative Knowledge Concepts , Vol. 7, Issue 2,PP 207-214, February, 2019, ISSN : 2454-2415
3. Spectral and thermal Analysis of 1,4-naphthoquinone and their metal chelates., International Journal of
4. Innovative Knowledge Concepts , Vol. 7, Issue 1,PP 243-250, January, 2019, ISSN : 2454-2415
5. Synthesis And Characterization Studies Of Some 1, 4-Naphthoquinone Substituted C1-NOH, C2-NH₂ And (N-Acetyl) Acetamido., IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) ., Volume 13, Issue 5 Ver. I, PP 37-42, (Sep – Oct 2018), e-ISSN:2278-3008, p-ISSN:2319-7676
6. Synthesis & characterization studies of some derivatives of 1, 4-Naphthoquinone substituted C1-NOH, C2-NH₂, (N-acetyl) acetamido and C3-Cl., IOSR Journal Of Pharmacy, Volume 8, Issue 8 Version. I , PP. 51-57 51. , 43313, ISSN: 2250-3013, (p)-ISSN: 2319-4219
7. Synthesis and vibrational study of 2-amino, 3-chloro 1,4-naphthoquinone by DFT., International Journal of ChemTech Research, Vol.10 No.15, pp 239-246, 2017, 2017, ISSN: 0974-4290, ISSN(Online):2455-9555
8. Synthesis and spectral studies of 2-amino-1,4- naphthoquinone., International Journal of ChemTechResearch , Vol.10 No.9, pp 291-298, 2017, ISSN: 0974-4290, ISSN(Online):24 55-9555
9. Theoretical Calculations of Chemical Shifts of Zirconium Metal Chelates with 1, 2 Naphthoquinone Oximes., IOSR Journal of Applied Chemistry (IOSR-JAC) ., Volume 10, Issue 8 Ver. I PP 01-05, 42948, e- ISSN: 2278-5736
10. Theoretical calculations of chemical shifts of metal chelates of 1, 2naphthoquinone dioxime, Der Pharma Chemica , Volume 7, Issue8, PP-206-212., 42217, ISSN 0975-413X
11. Vibrational study on the molecular structure of Zinc -Juglonate [Zn(5-hydroxy-1, 4-naphthoquinone)₂] by DFT and HF calculations., Der Pharma Chemica , Volume 7, Issue 8, PP-233-240., 42217, ISSN 0975-413X
12. Theoretical calculations of chemical shifts of metal (Hg (II), Pb (II), Ag (I), Zn (II) and Cd (II)) chelates of 1, 2 naphthoquinone 2- Oxime., IOSR Journal of Pharmacy, Volume 5, Issue 6, PP.01-07, 42156, (e)-ISSN: 2250-3013, (p)-ISSN: 2319-4219
13. NMR Studies On Metal (Hg (II), Pb (II), Ag (I), Zn (II) And Cd (II)) Chelates Of 1, 2 Naphthoquinone 1- Oxime, IOSR Journal of Applied Chemistry (IOSR- JAC), Volume 7, Issue 12 Ver. II, PP 68-72, 41974, e-ISSN: 2278-5736.
14. Comparative Study of Physico- Chemical Properties of 17% Root Canal Lubricant: Self Developed vs.

15. Commercially Available., International Journal of Pharmaceutical Sciences Review and Research, 21(2), 186-188, 2013, ISSN 0976 – 044X
16. Characterization And Application of Activated Carbon Prepared From Waste Weed., International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 5, Issue 2, PP- 527-529., 2013, ISSN- 0975-1491
17. Thermal, X-ray diffraction, spectral and antimicrobial activity of bivalent metal (Zn, Cd, Hg, Pb and Sn) chelates of 2-hydroxy-1, 4-naphthoquinone -1- oxime., IOSR Journal of Pharmacy and Biological Sciences (IOSR- JPBS), Volume 3, Issue3 PP 01- 8., Sept.-Oct. 2012, eISSN-2278-3008
18. Spectral, thermal, x-ray diffraction and antimicrobial studies of some bivalent metal chelates of juglone., Journal Current Chem. Pharm. Sc.:, 2(4), 277- 290., August-2012, ISSN 2277-2871
19. X-ray diffraction, spectral and antimicrobial activity of bivalent metal (Zn, Cd, Hg, Pb and Sn) chelates of 2-hydroxy 1-4 naphthoquinone., International Journal of Chem Tech Research , Vol.4, No.3,pp 882-890., Sept.-2012, ISSN : 0974-4290
20. Synthesis, spectral and Theoretical investigation on 2- hydroxyl 1-4 naphthoquinone 1-oxime (Lawsone oxime), Journal of Pharmacy Research, 5(3),1435-1437, Feb.-2012, ISSN: 0974-6943
21. Antimicrobial Activity Study of Juglans regia L., Journal of Pharmacy Research , Vol. 4,No. 4, No.
22. 2,331-332., Jan.-2011, ISSN: 0974-6943
23. Quantitative estimation of macro, micro nutrients and trace elements by X-ray fluorescence spectroscopy(XRF) from Achyranthes aspera Linn., International Journal of Chem Tech Research , Vol.3, No.2,610-613., 40695, ISSN : 0974-4290
24. Synthesis, Spectral and theoretical investigation on 5-hydroxy-1, 4- naphthoquinone (Juglone), Journal of Pharmacy Research, 4(7),2051- 2053., 40695, ISSN: 0974-6943
25. Spectral and theoretical investigation on 2- hydroxy-1,4,naphthoquinone (Lawsone), Journal of Pharmacy Research, 4(6), 1745-1747,2011., 40634, ISSN: 0974-6943
26. Synthesis, Characterisation and XRD investigations of cadmium (II)PhthiocolMonoximate, Bharati Vidyapeeth Research journal, Vol.II., Issue.2., Nov.2010,

• **Dr V B Jadhav**

1. Synthesis, spectral and Theoretical investigation on 1-2 naphthoquinoneDioxime, Research in Pharmacy, 1(3): 01-09., 40544, 2231-539X
2. Investigation on theoretical calculations of mid-far infrared, NMR and electronic spectra of 1-nitroso-2, naphthol or 1-2 naphthoquinone-1, oxime and comparison with experimental data, Journal of Pharmacy Research, 4(12): 4553-455, 40787, 0974-6943
3. Theoretical calculations of infrared, NMR and electronic spectra of 2-nitroso-1, naphthol or 1-2 naphthoquinone-2 oxime and comparison with experimental data, Research in Pharmacy, 2(1): 18-25, Feb. - 2012, 2231-539X
4. Synthesis, characterization and antimicrobial activities of 1,2-naphthoquinone-1-oxime ligand and its metal chelates of Hg (II),Pb(II), Ag (I), Zn (II) and Cd (II), International Journal of Chemical Sciences, 10(3) : 1493-1505, Oct. 2012, 0972-768X
5. Synthesis, characterisation and antimicrobial activity of bivalent metal (Hg(II), Pb(II), Ag(I),Zn(II) and Cd(II), chelates of 1, 2- naphthoquinone dioxime, IOSR Journal of Pharmacy, 2 (6): PP. 25-33, Dec. 2012,
6. Synthesis, characterization and antimicrobial activity of metal (Mn, Fe, Co, Ni, and Cu) chelates of 1, 2 naphthoquinone dioxime, IOSR Journal of Pharmacy and Biological Sciences , 5 (5) : PP.01-06, 41365,

7. Thermal, X-Ray Diffraction, Spectral and Antimicrobial Activity of Bivalent Metal (Zn, Cd, Hg, Pb and Ag) Chelates Of 1, 2 Naphthoquinone – 2, Oxime, IOSR Journal of Pharmacy, 3: PP.10-17, 41275,
8. Solid State Charge Transfer Nanochelates of Isomeric Phthicolates and Plumbaginates, Bloomsbury Publishing India Pvt Ltd. in Nano Material Synthesis and Characterization, pp. 341-348 (2012), 341-348, 2012, 2321-4988
9. Detection of Carbohydrates from Aglaialawiileaves, Journal of Pharmacy Research, 1(5) : 527-528, 2013, 0974-6943
10. Removal of Cationic Dye from effluents using Eco-Friendly Adsorbent., Journal of Pharmacy Research, 1(2):118-121, Feb. 2013, 0974-6943
11. Comparative Study of Physio-Chemical Properties of 17% Root Canal Lubricant: Self Developed vs. Commercially Available, Int. Journal Pharmacy Science Research , 21 (2) : PP.186-188, Jul 2013,, 0976-044X
12. Studies on an Antimicrobial Activity of Metal (Mn, Fe, Co, Ni, and Cu) Chelates of 1, 2-Naphthoquinone 2-Oxime, Int. J. Chem. Sci, 11 (3): PP.1286 -1298, Nov. 2013, 0972-768X
13. Studies on an antimicrobial activity of metal (Mn, Fe, Co, Ni, and Cu) chelates of 1, 2 naphthoquinone 1- oxime, IOSR Journal of Pharmacy and Biological Science, 9 (1) : PP 13-19, Jan. 2014, 2278-3008
14. NMR Studies on Metal (Hg (II), Pb (II), Ag (I), Zn (II) and Cd (II)) Chelates of 1, 2 Napthaquinone 1-Oxime, ISOR Journal of Applied Chemistry, 7(12) II. :PP 68-72, Dec. 2014, 2278-5736
15. Theoretical Calculations of Chemical Shifts of Metal (Hg (II), Pb (II), Ag (I), Zn (II) and Cd (II)) Chelates of 1, 2 Naphthaquinone 2-Oxime, ISOR Journal of Pharmacy, 5(6) : PP. 01-07, 42156, 2250-3013
16. Theoretical Calculations of Chemical Shifts of Chelates of 1,2 naphthoquinonedioxime, Der PharmaChemica, 7(8):206-212, 2015, 0975-413X

Dr. Sharda R. Gadale

1. Synthesis and Structural, Optical and Photocatalytic Properties of Erbium doped Silica Nanocomposites,, Research Journal of Chemistry and Environment, 26(6), 73-80, 44713,
2. Study of Concentration and Temperature Dependent Structural, Optical, Photocatalytic and Antimicrobial Activity of MoO₃ Thin Films by Ultra Spray Pyrolysis, Asian Journal of Chemistry, Vol. 34, No. 6, 1419-1424, 44682,
3. Green Synthesis and in vitro Anti-Tubercular Activity of Monometallic and Bimetallic Oxide Nanoparticles, Asian Journal of Chemistry, Vol. 34, No. 4, 926-930, 44621,
4. Synthesis of Aloe Vera Leaf Shaped Silver Nano Powder by Using Biodiesel Byproduct Glycerol, Chem Sci Trans., 10(1), pp 9-14, 2021,
5. Synthesis, characterization and photocatalytic activity of nanocrystalline lanthanum doped molybdenum oxide, J Adv Sci Res, 13(1): 153-161, Feb. 2022, 0976-9595
6. Investigation of Structural and Catalytic Performance of Nano Crystalline Yttria Dopped Zirconia, Asian J. Chem., Vol. 34, No. 3 (2022), 733-739, Feb. 2022,
7. Applications of Nanotechnology in Precision Agriculture: A review,, Research & Reviews in Biotechnology & Biosciences,, 8(1), ,105-117, 2021 (January-June),
8. Applications of Nanotechnology in Ayurveda: A review, Research & Reviews in Biotechnology & Biosciences,, 8(1), 163-169, 2021 (January-June),,
9. Interaction between Nanoparticles and Soil Microflora: A review,, Research & Reviews in Biotechnology & Biosciences,, 8(1), 140-147, 2021 (January-June),,

10. Nano fertilizer is boon for Soil Health: A review,, Research & Reviews in Biotechnology & Biosciences, 8(1), 130-139, 2021 (January-June),,
11. Nanotechnology in Ayurveda perspective: A review, Research & Reviews in Biotechnology & Biosciences, 8(1), 157-162, 2021 (January-June),,
12. Use of Nano pesticide in Agriculture and its Toxicity – A Review, Research & Reviews in Biotechnology & Biosciences, 8(1),118-129, 2021 (January-June),
13. Synthesis of Zirconia Doped Molybdenum Oxide as Efficient Catalysts for Ultrasound Assisted Synthesis of Substituted Pyrazoles,, Asian J. Chem., 33(9) pp 2007-2014, AUG.2021,
14. Synthesis, Characterization of Nd doped silica nanocomposites and its photocatalytic activity, Journal of Advanced Scientific Research, 11(4) Suppl9 72-77,, 44197, 0976-9595
15. Review Paper: Covid 19: Indian Scenario with New Non-Natural Risk, Research Journal of Chemistry and Environment, 24(5), 152-157, 43952,
16. Green synthesis and antimicrobial activity of silver nanoparticles using ROSMARINUS OFFICINALIS leaves extract,, Bio-Materials and Technology, 1(1), 48-54,, Aug.2019,
17. Study of structural and catalytic properties of copper supported mixed oxide catalysts, International Journal of Current Advanced Research, 7(6),13231-13235,, June 2018,
18. Recyclable Nanocrystalline Copper Based on MoO₃/SiO₂ as an Efficient Catalyst for Acylation of Amines, Bulletin of Chemical Reaction Engineering & Catalysis, 14 (1) 2019, 93-104, 2019,
19. Eco-friendly solid acidic oxides as substitutional to sulfuric acid in the liquid phase nitration of toluene,, International Journal of Innovative Knowledge Concepts,, 7(1), 2019, 7(1),1-8,, 43466,
20. Liquid phase O-methylation of phenol using K doped ZrO₂/MoO₃, Research Journal of Chemistry and Environment,, 23(2),31-38,, Feb. 2019, 2278 – 4527
21. Green Oxidation of Cyclohexene in Ultrasonic Irradiation Over Copper Supported Mixed Oxide Catalyst,, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 9(3),521-530,, May-June 2018,
22. Lipase mediated silver nanoparticles as a robust catalysts for VLPC assisted transesterification reaction,, The Pharma Innovation Journal, , 7(1),205-207,, Jan.2018,
23. Nanocrystalline supported ceria as a highly efficient catalyst for the oxidative coupling of thiophenol, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 9(1),80-90,, Jan-Feb.,2018, 0975-8585
24. Study of catalytic activity silica supported Schiff base complexes, Asian Journal of Chemistry, 29(7),1455-1458, 42856, 0970-7077
25. Biochemical profiling of antifungal activity of betel leaf (Piper betle L.) extract and its significance in traditional medicine, Journal of Advanced Research in Biotechnology, , 2(1)1-4, Mar. 2017, 2475-4714
26. Synthesis and Characterization of Ag/AgO nanoparticles as alcohol sensor, Research Journal of Chemistry and Environment, 20 (10) 1-5,, 42644, 2278 – 4527
27. Surface Characterization and Catalytic Activity of Cobalt Promoted MoO₃/SiO₂ Solid Acid Catalysts, ,, International Journal of ChemTech Research, 8(8),310-317,, 2015,
28. Fridel-Crafts benzylation over transition metal oxides supported on ceria, Der Pharma Chemica,, 7(8),94-101,2015, 2015,
29. One-pot synthesis of benzimidazole derivatives by using solid acid catalysts at room temperature, Bionano frontiers,, 8(3)27-28, 42095, 0974-0678
30. Comparative Study of 1, 2-Naphthoquinone oximes and their Cu (II) metal chelates, Asian Journal of Multidisciplinary Studies,, 3(12), 27-31, Dec.2015,

31. Antimicrobial activity of Mg metal chelates of 1,2-Naphthoquinone oxime derivatives, Asian Journal of Multidisciplinary Studies,, 4(3), 35-38, Feb.2016,
32. Green synthesis of silver chloride nanoparticles by using rosamachub petal extract ,, Journal of Biosciences and Nanosciences, 1 (5), 96-99., 41883, 2349-5251,
33. Biosynthesis of Silver nanoparticles using isolated superoxide dismutase enzyme from novel source Papaverumsomniferum L., Research Journal of Chemistry and Environment, 19 (3),44-48,, 42064, 2278 – 4527
34. Green synthesis of silver nanoparticles from purple acid phosphatase apo-enzyme isolated from a new source Limoniaacidissima, J of Expt. Nanoscience, .10, 738,, 42064,
35. Hydroamination of Phenyl acetylene catalyzed by Cu/Mo/SiO₂ mixed oxide catalysts, Indian Patent Office Journal,, , 2015,
36. Liquid phase oxidation of benzhydrol by using nano crystalline iron supported on ceria mixed oxide catalysts, Res. J. Pharm., Biol. Chem. Sci, 5(5)-, 41883,
37. Nitration of Benzene Using Mixed Oxide Catalysts, IOSR Journal of Applied Chemistry, 7(7)50-57, 41821,
38. Peroxidase activity using silver nanoparticles using green approach, Bionano frontiers, 6(8)66-69, ,2013, 0974-0678
39. Structural Characterization of Nanosized Fe₂O₃-CeO₂ catalysts by XRD, EDX and TEM Techniques,, Carbon – Science and Technology (Applied Science Innovations Pvt. Ltd., India), 5/2 260 – 264,2013, 2013,
40. Synthesis of Silver Nanoparticles Using Triticum aestivum and Its Effect on Peroxide Catalytic Activity and Toxicology,, Journal of Chemistry, (Hindawi Publishing Corporation), 2013, ID 265864, 5 , 2013, 2013,
41. Comparative Study of Physico-Chemical Properties of 17% Root Canal Lubricant: Self Developed vs. Commercially Available, International Journal of Pharmaceutical Sciences Review and Research, 21(2), 34,186-188,2013, 2013,
42. Synthesis, Characterization and Antimicrobial Study of Cr (III), Mn(II), Y(III) and Zr(IV) Schiff Base Complexes., International Journal of Chemical and Analytical Science,, 3(12)1672-1674,2012, 2012,
43. Evaluation of Antimicrobial Activities of Zirconium (IV) Complex, IOSR Journal of Pharmacy and Biological Sciences,, 5(4)102-105.2013, 2013,
44. Synthesis characterization, Antimicrobial and catalytic activity of Fe(II), Ni (II), Cu(II) and Co(II) Schiff base complexes, Intl. J. Chem. Sc.,, 8(4),2655-2660,2010, 2010,
45. Vapor phase nitration of benzene using mesoporous MoO₃/SiO₂ solid acid catalysts, Green Chemistry,, 8 (5)488-493,2006, 2006,
46. Synthesis of ceria-ytria based strong Lewis acid heterogeneous catalyst: Application for chemoselective acylation and ene reaction, J. Mol. Catal. A: Chemical,, 245, (1–2)255–259,2006, 2006,
47. Conversion of carbon dioxide into fuel molecules by visible light driven photocatalysis over MOF supported bimetallic nanoparticles., The Indian Patent Office Journal, Filed Application No. 202121041199,, , 44470,
48. Ortho Nitration of thymol using nano-crystalline La/Mo/SiO₂ mixed oxide', The Indian Patent Office Journal, Filed Application No. 202121043694, , 44470,

- **Dr Suhas S Mohite**

1. Low temperature synthesis of novel MoBiCuSe₄ nanowire thin films by vacuum deposition method and their characterization”, Research Journal of Chemistry and Environment,, 15 and 2, 40695, 0972-0626

2. Single source precursor for vacuum evaporation of MoBi₂Se₅ photoactive thin films”, *Journal Materials Science: Materials in Electronics*,, 26, 42036, 0022-2461
3. Hybrid physicochemical synthesis & electro-chromic performance of WO₃/MoO₃ thin films.”, *Electroanalysis*,, 26, 41944, 1040-0397
4. Bronsted acid hydrotrope combined catalysis in water: a green approach for the synthesis of indoloquinolines and bis-tetronic acids, *Research on Chemical Intermediates*, 47, 44256, 1568-5675
5. Fabrication of Homocoupled Conjugated Microporous Polymers: The Role of Aromatic Ring Spacer in CO₂ Capture, *New Journal of chemistry*, 3, 44287, 1144-0546
6. An efficient Cu₂Zn_{1-x}In_xSn(S,Se) 4 multicomponent photocathode via one-step hydrothermal approach for thin film solar cell, *Journal of Materials Chemistry C*, , 44593, 2050-7526
7. Dr M P Wadekar
8. Spectral and theoretical investigation on 2- hydroxy- 1,4-naphthoquinone (Lawsone), *Journal of Pharmacy Research*, Vol 4, No. 6,1745-1747, (2011), Vol 4, No. 6,1745-1747, (2011), 2011, ISSN-NO 0974-6943
9. Spectral,XRD and Antimicrobial studies on Isomeric chelates of Magnesium(II) and Calcium(II) with phthiocol and plubagin, *Journal of Chemical and Analytical Sciences*,November, 2012,3(11), 1606-1610, 3(11),1606-1610, November, 2012, ISSN NO-: 0976-1209
10. Chemical Investigations of some commercial samples of calcium based Ayurvedic Drug of Marine Origin:Kapardika-Bhasma, *IOSR Journal of Pharmacy and Biological Sciences*, Volume 6, Issue 4, May-June, 2013, e-ISSN: 2278-3008, p-ISSN:2319-7676.
11. Effect of Ring Isomerism on Spectral and Antimicrobial Studies of Sm (III) Juglonates, *IOSR Journal of Applied Chemistry (IOSR-JAC)*, Volume 7, Issue 3 Ver. I., (Apr. 2014), PP 33-40 ., e-ISSN: 22785736
12. Chemical Basis for the Traditional Test used for Loha Bhasma, *Asian Journal of Multidisciplinary Studies*, Vol.2, Issue 7, 41821, e- ISSN:2321-8819, p-ISSN:2348-7186
13. Structural, thermal and antifungal activity studies of isomeric Sm(III)Juglonates, *Der Pharma Chemica*, 7(11):231-239., 2015, ISSN 0975-413X
14. Spectral and antibacterial studies of isomeric Tb(III) Juglonates, *Der Pharmacia Lettre*,, 8 (17),7-13, 2016.,, ISSN 0975-5071
15. Spectral and Biological investigations of Nd(III) Juglonates, *IOSR Journal Of Pharmacy*, Volume 7, Issue 8 Version. 1, (August 2017), PP. 16-23., (e)-ISSN: 2250-3013, (p)-ISSN: 2319- 4219
16. IR, XRD and Antifungal Investigations of Nd(III) Juglonates, *International Journal of Innovative Pharmaceutical Sciences and Research*, 5(12),105-115, 2017, ISSN 2347-2154.
17. Spectral and antibacterial investigations of Er(III) Juglonates, *International Journal of Chem Tech Research*, Vol.10, No3, 740-748, 2017, ISSN-2347-2154
18. Supremacy of metal based drug Suvarna bhasma and comparative study of commercial samples of Suvarna bhasma., *The Pharma Innovation Journal*, 7-11, 185-189, 2017/18, E-ISSN 2277-7695 P-ISSN 2349-8242
19. Synthesis, characterization and investigations of Cadmium(II) PhthiocolMonoximate, *Bharati Vidyapeeth Deemed University ReseARCH Journal*, Vol(VII) No 2 , 72-73, , Nov 2010,
20. Public communication of Woman Scientists contribution to human welfare through Postal stamps, *Environmental Observer*, Vol 14, 150-151, 2013, ISSN, 2320-5997.

21. Recovery of Inorganic Ayurvedic Biosalts from Medicinal plants, MAHRATTA, Peer Review Journal .Tilak Maharashtra Vidyapeeth, Pune, pp 15-19, September, 2017, ISSN NO Print- 0076-2571
22. Solid state charge transfer nanochelates of Isomeric phthiocolates and plumbaginate”., Nanobio Materials Synthesis And Characterization (ISBN: 978-93-825, Conference proceeding-Nanobio Materials Synthesis And Characterization (ISBN: 978-93-82563-36-5), , 2012, (ISBN: 978-93-82563-36-5)

• **Dr. Vaishali B. Adsul**

1. Hazardous elements of green manure-*Ipomoea carnea*, Asian Journal of Chemistry, 20 (6), 4393-396, 2008, 0970-7077
2. Identification of Amino Acids present in the leaves and stem of *Ipomoea carnea* Asian Journal of Chemistry,, Asian Journal of Chemistry, 21(6), 4409-4412, 2009, 0970-7077
3. GC-MS Study of fatty acids, esters, alcohols from the leaves of *Ipomoea carnea*,, International Journal of Pharm Tech Research, 1(4), 1224-1226, 2009, 0974-4304
4. Antibacterial activities of *Ipomoea carnea* stem,, Biosciences, Biotechnology Research Asia, 7(1), 413-417, 2010,
5. Spectroscopic determination of total phenol and flavonoid contents of *Ipomoea carnea* stem, International Journal of Chem Tech Research, 2(3), 1698-1701, 2010, 0974-4304
6. Proximate analysis and quantification of steam volatiles, acid, phenol, base and neutral components from the leaves and stem of *Ipomoea carnea*, Biosciences, Biotechnology Research Asia, 7(2), 957-961, 2010,
7. Antioxidant activity of *Ipomoea carnea* stem, J. Pharmacy Research, 4(1), 161-163, 2011, 0974-6943
8. Comparative evaluation of different concentrations of *Mimusops elengi* (L) extract as an antimicrobial agent against salivary micro flora,, J. Biomed Sci. and Res., 2(3), 151-154, 2010, 0975-542X
9. Evaluation of In Vitro Nitric Oxide Scavenging Activity of Medicinal Plant- *Ehretia laevis*, Asian Journal of Resarch in Chemistry,, 04 (12), December, 1864- 1865, 2011, 0974-4169
10. Antioxidant Activity of Aerial Parts of *Tecoma stans*,, International Journal of Chemical and Analytical Science, Vol 2, No 8 130-132, 2011,
11. HPTLC as a Standardization Tool : Dibutyl Phthalate isolated from *Ipomoea carnea* leaves,, Journal of Pharmacy Research, Vol 4, No 7 2239-2240, 2011, 0974-6943
12. Isolation and characterization of Dibutyl phthalate from *Ipomoea carnea* stem and its quantification by HPTLC, Journal of Pharmacy Research, 4, 3264-3265, 2011, 0974-6944
13. Spectroscopic determination of Total Phenolic and Flavonoid contents of *Tribulus terrestris* fruits., International Journal of Pharm Tech Research, 4(3), 899-902, 2012, 0974-4304
14. Isolation and characterization of Dibutyl phthalate from the leaves of *Ipomoea carnea*, Chemistry of Natural Compound, Vol 48, No 4 589-590, 2012,
15. Isolation and characterization of an aliphatic saturated ester from the leaves of *Ipomoea carnea*,, Chemistry of Natural Compound, Vol 48, No 4 635-636, 2012,
16. Antimicrobial activities of *Ipomoea carnea* leaves,, Journal of Natural product Plant Resource, Vol 2, No 5, 597-600, 2012, 2231-3184
17. Antibacterial activities of Dibutyl phthalate: A secondary metabolite isolated from *Ipomoea carnea* stem,, Journal of Pharmacy Research, 5, 1, 150-152, 2012, 0974-6944

18. Evaluation of Antioxident activity of *Ipomoea carnea* leaves, *Journal of Natural product Plant Resource*, Vol 2, No 5,584-588, 2012, 2231-3184
19. Quantification of a phytotoxin from Walnut species by HPTLC method, *International Journal of Pharmacy and Pharmaceutical Science*, Vol 5, No 5,supply 4, 2013, ISSN-0975-1491
20. Isolation and characterization of a substituted Anthraquinone: a bioactive Compound from *Cassia auriculata* L., *Indian Journal of Advances In plant Research (IJAPR)*,, 1(5):8-11, 2014, ISSN-2347-8918
21. Isolation and Characterization of para-hydroxy quinone from *Morinda Pubescence* leaves., *J. Nat. Prod. Plant Resour*, 2013, 3 (4):72-74, 2013, ISSN : 2231 – 3184
22. Larvicidal activity of *Ipomoea carnea* stem extracts and its active ingredient dibutyl phthalate against *Aedes aegypti* and *Culex quinquefasciatus*., *Der Phar Chemica*,, 6 (1), 155-161.(International), 2014, 0975-413X
23. Isolation and characterization of substituted dibutyl phthalate from *Ipomoea carnea* stem”, *Der Phar Chemica*, 5 (5), 5-10. (International, 2013, 0975-413X
24. Detection of carbohydrates from *ipomoea carnea* leaves., *Asian Journal of Multidisciplinary Studies*, 3, (8), 2348-7186, 2015, 2321-8819
25. A steam volatile bioactive molecule from *Ipomoea carnea* leaves., *Der Pharmacia Lettre*, 7 (11):54-61, 2015,
26. Spectroscopic determination of total phenol and flavonoid contents of citrus limon peel from north eastern region of india., *Journal of Drug delivery and therapeutics*, 7 (1), 21-24, 2017, 2250-1177
27. Comparative Estimation of Phenol and Flavonoid Content of Medicinally Important Plant – *Amaranthus carentus*., *International Journal of ChemTech Research*, 10, (4), 306-310, 2017, 0974-4304
28. Comparative Anthelmintic activity of Citrus Limon L and Citrus Limon L Burmf from North Eastern India., *Journal of Advanced Scientific Research*, 11, (3), 306-310, 2020, 0976-9595
29. Isolation, Characterization and Antimicrobial activity of an aromatic ester from *Ipomoea carnea* stem bark., *Journal of Advanced Scientific Research*, 12, (2), 319-324, 2021, 0976-9596

- **Dr. Vishwambhar Popat Shinde**

1. A Review on 1,5-Benzothiazepines as a Versatile Pharmacophore, *Journal of Emerging Technologies and Innovative Research*, vol-8 Issue-9, 44440, ISSN: 2349-5162

- **Dr. Sunil G. Pawar**

2. Studies on Biodiversity of newly reported sacred groves (Devrais) From Pune District,, *Recent advances in plant Microbial & Environmental Biotechnology*; Published in national conference, __, __
3. Plant used by tribes of Northwest region of Maharashtra for the treatment of gastro intestinal disorders, *Journal of Traditional Knowledge*, Vol.7 (2)., ISSN:0975-1068 (Online) 0972-5938 (Print)
4. Ethnobotany of Thakar tribe of Maharashtra., *International Journal of Economic And Taxonomic Botany*, Vol.33 (Suppl.),, ISSN-2050-9768.
5. Studies on plant used in traditional medicine by Bhilla tribe of Maharashtra., *Indian Journal of Traditional Knowledge*, 9 (3)., ISSN:0975-1068 (Online) 0972-5938 (Print)

6. Preliminary survey of other aerobiocomponents at Pune Maharashtra, India., International Journal of Life sciences, Special Issue A1, 29-30., ISSN:2320-7817
7. Effect of antitranspirants on the germinating seeds of Sorghum vulgare L., Asian Journal of Multidisciplinary Studies, Volume 2, Issue 9, Pp 174-177., ISSN:2321-8819
8. Noteworthy Ethnomedicinal plants used by the tribes of Maharashtra., Journal of Economic and Taxonomic Botany., Volume 38, No. 2, Pp 254-260., ISSN:0970-3306
9. Influence of HICO-110R on water relations, photosynthetic pigments, stomatal regulation and yield of groundnut under water stress condition., International Journal of Multifaceted and Multilingual Studies, Volume-1, Issue-3.,
10. Traditional herbal remedies practiced by the herbal healers in the tribal regions of Maharashtra-India., International Journal of Life Sciences., Vol. 2 (4), ISSN:2320-7817
11. Evaluation of chlorophyll content and chlorophyll stability index of some antiallergenic medicinal plants., Asian Journal of Multidisciplinary Studies., Volume 3, Issue 1, ISSN:2321-8819
12. Biochemical Analysis of Primary metabolites from some selected Medicinal Plants., Proceeding of Seminar on Recent Advances in Life Sciences., __, __
13. Quantitative Assessment of Mineral Composition of Aloe vera (L.) Burm.f. leaves by ICP-MS and CHNS Analyzer., International Journal of Science and Research, 4 (10), ISSN:Online 2319-7064
14. Diversity of bioactive components of Cullen corylifolium (L.) Medik., Proceeding of National Conference on Biodiversity, Climatic Change and Sustainable Development., __, __
15. Biodiversity of mite found in the intramural environment of rat house at Pune., International Journal of Life Sciences, Special Issue A3., ISSN:2320-7817
16. Impact of Climate Change on Intramural Aerobiodiversity in the Bharati Printing Press at Pune (MS), India., Asian Journal of Multidisciplinary studies, 4 (3), ISSN:2321-8819
17. New Findings of Traditional Medicinal uses of Plants from Bhimashankar and Mulshi Areas of Pune, District, Maharashtra., Asian Journal of Multidisciplinary Studies., 4 (3), ISSN:2321-8819
18. Diversity of Bioactive Components of Achyranthes aspera Linn leaves., Asian Journal of Multidisciplinary Studies, 4 (3), ISSN:2321-8819
19. Preliminary Phytochemical Investigations of Three Species of Traditional Medicinal Plants of Tribal Regions of Maharashtra (India)., International Journal of Pharmacognosy and Phytochemical Research., __, ISSN:0975-4873
20. Quantitative Evaluation of Plant Diversity from Newly reported Sacred Groves (Devrais) in Pune District (Maharashtra)., Asian Journal of Multidisciplinary Studies, Vol.4, Issue 10, ISSN:2321-8819
21. Elemental Analysis of Anti-Allergenic Indigenous Plants and their Possible Correlation with Therapeutic Activity., International Journal of Pharmaceutical and Clinical Research., 8(9), ISSN:0975-1556
22. Characterization of Eclipta prostrata (L.) L. Leaves by FTIR spectroscopy method, CHNS and ICP-MS analysis techniques., International Research Journal of Biological Sciences., 6(2), ISSN:2278-3202
23. Phytochemical screening, elemental and functional group analysis of Vitex negundo L. leaves., International Research Journal of Pharmacy and Pharmaceutical Sciences., 9(6), ISSN:0975-1491
24. A Review and Preliminary Phytochemical Screening of Tridax procumbens L. As Important Medicinal Plants., International Journal of Scientific Research, Vol.-6 (11), ISSN:2277-8179

25. Preliminary Phytochemical Screening of Some Important Medicinal Plants, Indian Journal of Applied Research, An International Journal,, Vol.-8 (4), ISSN:2249-555X
26. Biochemical Investigation, Quantitative Estimation and Antioxidant Activity of *Tridax Procumbens* L., Journal of Emerging Technologies and Innovative Research,, Vol.-5 (07), ISSN:2349-5162
27. Hydrothermal method for Synthesis of different Nanostructure Metal Oxide thin film., International Journal of Innovative Knowledge Concepts, Vol.-6 (11), ISSN:2454-2415
28. Studies on quantitative estimation and antioxidant activity of *Tridax Procumbens* L., International Journal of Innovative Knowledge Concepts, Vol.-7 (01), ISSN:2454-2416
29. Comparative Studies on Phenolic, Flavonoids Content and Antioxidant Activity of *Tridax Procumbens* L., International Journal of Research and Analytical Reviews, in International Conference on Advances in Pure and Applied Sciences,, Special Issue: 187-190., (ISSN No. 2349 – 5138, E-ISSN No. 2348 – 1269).
30. A review and preliminary phytochemical screening of *Tridax procumbens* l. as important medicinal plant., International Journal of Scientific research., Volume 7, Issue 01., ISSN:2277-8179
31. Seasonal variations of quantitative phytochemical compositions in the leaves of *Tridax procumbens* L., , Ela Journal of Forestry and Wildlife,, Vol-8 (04), ISSN 2319-4361

• **Dr G V Mali**

1. Isolation and characterization of moderate halophiles from salty environments, Aquacult - An International Journal of Fisheries and Aquaculture, Vol. 9, No.1, 2008, ISSN 0972-2262
2. Antifungal and phytohormone production potential of *Azotobacter chroococcum* isolates from groundnut rhizosphere, Asian Journal of Experimental Sciences, Vol. 23, No.1, 2009, ISSN 0971-5444
3. Effect of mixed culture inoculation of native *Rhizobia* and *Azotobacter* on nodulation and dry mass of groundnut (*Arachis hypogea* L.) in pot culture experiment, The Bioscan - An International Journal of Life Sciences., Vol.4, No.4, 2009, ISSN 0973-7049
4. Antifungal and phytohormone production potential of *Azotobacter chroococcum* isolates from groundnut (*Arachis hypogea* L.) rhizosphere and their effect on nodulation and dry mass, in pot culture experiment, Research Journal of Chemistry and Environment, Vol. 15, No.2, 2011, ISSN 0972-0626
5. Enhancement of activity of antibiotics by plant extracts, Journal of Pure and Applied Microbiology, Vol. 05, No.2, 2011, ISSN 0973-7510
6. Isolation of Marine Actinomycetes from the Mangrove Swamps for Biotechnological Exploration, Journal of Life Sciences, USA, Vol.5,No.12, 2011, ISSN 1934-7405
7. Biodegradation of tallowamine ethoxylate by *Pseudomonas desmolyticum* NCIM 2112, International Research Journal of Biological Sciences, Vol. 1 No.4, 2012, ISSN 2278-3202
8. Biodegradation of Chlorpyrifos by *Pseudomonas desmolyticum* NCIM 2112, International Journal of Pharma and Bio Sciences, Vol. 4 No.2 (B), 2013, ISSN 0975-6299
9. Biodegradation of sulfonated aromatic amine by *Pseudomonas desmolyticum* NCIM 2112, Journal of Chemical and Pharmaceutical Research, Vol. 5, No.4 , 2013, ISSN 0975-7384

10. Optimization of soil parameters for Benzyl Benzoate degradation by *Pseudomonas desmolyticum* NCIM 2112, Research Journal of Agriculture and Forestry Sciences, Vol. 1, No.5, 2013, ISSN 2320-6063
11. Study on antibacterial activity of honey samples collected from medicinal plant sources, Asian Journal of Microbiology, Biotechnology & Environmental Sciences, Vol. 15, No. 4, 2013, ISSN 0972-3005
12. Biodegradation of benzyl benzoate by *Pseudomonas desmolyticum* NCIM 2112, World Journal of Microbiology and Biotechnology, Vol. 30, No. 3, 2014, ISSN 0959-3993
13. Biodegradation of Quinolphos insecticide by *Pseudomonas* strain isolated from Grape rhizosphere soils, Int. Journal of Current Microbiology and Applied Sciences, Vol. 3 No. 1, 2014, ISSN 2319-7706
14. Biodegradation of the Organophosphorus insecticide Dichlorvas by *Bacillus* species isolated from Grape wine yard Soils from Sangli District, M.S., India, International Research Journal of Environmental Science, Vol. 3, No. 5, 2014, ISSN 2319-1414
15. Biodegradation of n-cyclohexyl benzothiazole-2-sulfenamide by *Pseudomonas desmolyticum* NCIM 2112, Journal of Microbiology and Biotechnology Research, Vol. 5, No. 1, 2015, ISSN 2231-3168
16. Isolation, characterization & tolerance study of Quinolphos resistant bacteria from grape wine yard soils, Bionano frontier -Journal of Science and Technology, Vol. 8, No. 3, 2015, ISSN 0974-0678
17. Bioremedial potential of indigenous bacteria isolated from pesticide contaminated soil, World Journal of Pharmaceutical Research, Vol. 5 No. 9, 2016, ISSN 2277-7105
18. Biodegradation of Deltamethrin by using Indigenous Bacteria Isolated from Contaminated Soil, International Journal of Current Microbiology and Applied Sciences, Vol. 5, No.5, 2016, ISSN 2319-7706
19. Biodegradation of bifenthrin pesticide by indigenous bacteria from Pesticide contaminated soil, International Journal of Pharma and Bio Sciences, Vol. 7, No. 3 (B), 2016, ISSN 0975-6299
20. Biodegradation of bifenthrin by indigenous bacteria isolated from pesticide contaminated agricultural soil, World Journal of Pharmaceutical Research, Vol. 5, No. 10, 2016, ISSN 2277-7105
21. Degradation of Cypermenthrin by using indigenous bacteria isolated from pesticide contaminated soil, Research Journal of Chemistry and Environment, Vol. 21, No.7, 2017, ISSN 0972-0626
22. Toxicological study of cypermethrin and its metabolites on Earthworm (*Eiseniafetida*), International Journal of Research and Analytical Reviews Special Issue, Special Issue, 0, ISSN 2348-1269
23. Toxicological study of deltamethrin and its metabolites on earthworm (*eiseniafetida*), Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences, Special Issue, 0, ISSN 2454-6348
24. Evaluation of phyto and aquatic toxicity of insecticide additive tallowamine ethoxylate and its metabolites produced by *Pseudomonas desmolyticum*ncim 2112, Pollution Research, Vol. 4., 2019, ISSN 0257-8050
25. Toxicological Study of Bifenthrin and its Metabolites on Earthworm (*Eisenia fetida*), Nature Environment and Pollution Technology, Vol. 18, No. 4, 2019, ISSN 2395-3454
26. Evaluation of Phyto and Aquatic Toxicity of Neonicotinoid Insecticide Additives - Benzyl Benzoate and N-Cyclohexyl Benzothiazole-2-Sulfenamide and their Metabolites produced by *Pseudomonas desmolyticum* NCIM 2112, Research Journal of Biotechnology, Vol.14 No. 10, 2019, ISSN 2278-4535

27. Biodegradation of dichlorvas by strain of *Pseudochrobactrumasaccharolyticum* from grape wine yard soil, *Journal of Advanced Scientific Research*, 11 Suppl 6, 2020, ISSN 0976-9595
28. Optimization , purification and characterization of tyrosinase from novel strain of *Streptomyces bikiniensis*, *Journal of Advanced Scientific Research*, Vol. 11, No. 4 Suppl 8, 2020, ISSN 0976-9595
29. Isolation, Characterisation of Aflatoxin Producing Fungi from Contaminated Peanut and Rice, their Fate on Aflatoxin Production, *YMER -International Open Access Journal*, Vol. 20 No. 11, 2021, ISSN 0044-0477
30. Antagonistic Effect of Biocontrol Agents onAflatoxin Producing Fungal Isolates From Contaminated Peanuts, *Research Journal of Biotechnology*, Accepted on 2/3/2022, 2022, ISSN 2278-4535
31. Biodegradation of diesel oil by newly isolated bacterial culture, *Advances in Environmental Sciences (Book)*, , 2013, ISSN 978-93-5030-155-5
32. *Home Parenteral Nutrition (Book)*, Oxford Publication, New Delhi, , 2015, ISSN 978-93-5030-240-8

• **Dr Mrs Anuradha A Jape**

1. A new simple method to preserve phage -A preliminary study, *Journal of Microbiology, Biotechnology and Food Science*, Vol. 10 No. 5 (2021):, 0, ISSN 1338-5178
2. ‘Enrichment of nutritional value of cornmeal with protein and PUFA using oleaginous marine yeasts in solid state fermentation’, *International Journal of Pharma,BioScience*, 6(1): (B) 1237 – 1245, 42005, ISSN 0975-6299
3. ‘Modified Sudan Black B staining method for rapid screening of oleaginous marine yeasts’, *Int. Journal of Current Microbiology and Applied Science*, 3(9)41-44, 42461, ISSN :2319-7692 (print), 2319-7706 (online)
4. ‘The improvement of *Pleurotus* spp. cultivated on soybean strawbed supplemented with flax seed meal, ’*International Journal of Science and Research*, 4 (3),1273-1278., 41671, ISSN 2319-7064
5. Synthesis, characterization and antimicrobial study of Cr(III),Mn(III),Y(III),Zr(III) Schiff base complexes,’ *International Journal of Chemical and Analytical Science*, ’3(12),1672-74., 0, ISSN 0976-1209 (E)
6. Study of Concentration and Temperature Dependent Structural, Optical, Photocatalytic and Antimicrobial Activity of MoO₃ Thin Films by Ultra Spray Pyrolysis,, *Asian Journal of Chemistry*, Vol. 34, No. 7 (2022),, 44682, ISSN -0975-427X
7. ‘Marine yeasts from coastal waters of Kokan (India), as a promising source of polyunsaturated fatty acids’, *Asian Journal of Multidisciplinary Studies*, , 0, ISSN 2321-8819
8. ‘The History of Microbiology in India’, *AMI50Th, AMI50Th Annual Conference-Abstract Book –Souvenir*,, , 2009,
9. Optimising parameters to reduce auxin requirement for regeneration via embryogenesis in *Tagetes erecta* and a study on its medicinal applications with special reference to its Raktasangrahi, Shothnashak properties’, (2009), ‘ *Global Ayurved Conference & Health Expo at Bharati Vidyapeeth University, Pune*

• **Dr.Mrs.SupriyaS.Shukla**

1. *Digital Image Processing*, , , 2012, Publisher: Vision Publication ISBN No. 978-93-5016-120-3

2. Internet of Things, , , Feb.2019, Publisher: Nirali Prakashan ISBN No. 978-93-88897-42-6 (chapters)
3. "Morphological investigations of TiO₂ for application as sensitized photoelectrochemical cell", Research Chronicle, Volume-V, Issue-VII, November 2017, 62-65, Nov.2017, ISSN: 2347-5021
4. "Characterization of CdS doped thin films grown on TiO₂ by Chemical Bath Deposition method", International Journal of Innovative Knowledge Concept, Volume-V, Issue-11, November 2017, 110-115, Nov.2017, ISSN: 2454-2415
5. "Annealing effect on TiO₂ photoanodes prepared by Chemical bath Deposition Method", International Journal of Multifaceted and Multilingual Studies, Volume-V, Issue-II, February, 2018, Feb.2018, ISSN: 2350-0476(online), 2394-207X (Print)
6. "Characterization techniques for TiO₂ thin films used for photovoltaic applications", Asian Journal of Multidisciplinary Studies, Volume-4, Issue-4, March 2016, 226-229, 42430, ISSN: 2321-8819
7. Study of Concentration and Temperature Dependent Structural, Optical, Photocatalytic and Antimicrobial Activity of MoO₃ Thin Films by Ultra Spray Pyrolysis, Asian Journal of Chemistry; Vol. 34, No. 7 (2022), 0000-0000

• **Dr. Mrs.Y.V.Bhapkar**

1. Comparative analysis of data mining algorithms for classification of home loan applications, International journal of multifaceted and multilingual studies, Vol.IV, Issue-VI, 42887, ISSN 2350-0476
2. Evaluation of K-NN and decision tree classification for classification of home loan customers using data mining classification technique, International journal of multifaceted and multilingual studies, Vol-IV, Issue-X, 43009, ISSN 2350-0476
3. Comparative analysis of classification based data mining algorithms for credit risk analysis, International journal of engineering & scientific research, Vol.6 Issue 2, 43132, ISSN 2347-6532
4. Analysis of data mining classification based algorithms in health care sector, International research journal of science engineering and technology, Vol 9, Issue 3, 2019, ISSN 2454-3195
5. A critical data mining in the context of e-learning, Journal of the Maharaja Sayajirao University of Baroda, Vol.no.56 No.2(I), 44593, ISSN 0025-0422

• **Dr. S. S. Patil**

1. Gramdaivate Ani Lokgeete, Saksham Samiksha, Vol- 1, Jan-March 2012, ISSN - 2231-4377
2. Sangli JilhyatilGramdaivatancha Abhyas, Akshar Vaidharbhi, Vol- 2, 41030, ISSN - 0976-0296
3. PalusacheGramdaivate Shri Dhondiraj Maharaj Rathotsav Ani ParyavaranSamasya, Saksham Samiksha, Vol- 1, April-June 2013, ISSN - 2231-4377
4. Annuwad Ani AnuwadancheSanskritikMahatwa, Akshar Vaidharbhi, Vol- 1, 41487, ISSN - 0976-0296
5. AnnuwadPrakriyetailSamshyaVaUpay, Asian Journal, Vol- 1, 41487, ISSN - 2321-8879
6. LoksanskrititilGramdaivatanvishayak Vivid Drustikon, Saksham Samiksha, Vol- 1, April -Jun 2015, ISSN - 2231-4377
7. AshatyachabhavwaiUttsav : Ek Abhyas, Saksham Samiksha, Vol- 1, Oct -Dec 2015, ISSN - 2231-4377

8. GramdaivatanchiParshvabhoomi Ani Swaroop, Internatinal Journal Of Multifaceted and Multilingual Studies, Vol- 1 Issue- VI, 42064, ISSN - 2394-20X
9. Akhyaeka Swaroop Parampara VaPrakar, Internatinal Journal Of Multifaceted and Multilingual Studies, Vol- 1 Issue- II, 42309, ISSN - 2394-20X
10. Sangli JilyatilGramdevatanvishykMoukhikGeetanchiVagamaenGunvatta, Internatinal Journal Of Multifaceted and Multilingual Studies, Vol-IV Issue- I, 42736, ISSN - 2394-20X
11. Vachan Sankruti Vikas Ani GranthalayachiPanch Sutra, Internatinal Journal Of Multifaceted and Multilingual Studies, Vol- V Issue- I, 43101, ISSN - 2394-20X
12. LoksanskrititilLokdaivatancheUtsav : Ek Parikshan, Vidhyawarta, Vol- I Issue- I, April-June 2022, ISSN-23199318
13. Dr.AnilAwachat : Vyakti Ani Vandgama, Maharashtra Sahitya Patrika, Vol- 376, Oct-Dec2021, ISSN-2456-656X
14. Sthapurananच्याAbhyasachi Disha, Maharashtra Sahitya Patrika, Vol- 377, Jan-March 2022, ISSN-2456-656X
15. Yashwantrao Chavan Yanche Bhasha VaSahityavishayak Vichar, B.D. Kale Mahavidyalaya ,Ghodegaon, Pune Yashodeep Publication, , 42401, ISBN-978-93-83471-92-8
16. Samaj Maharshi Vitthal Ramji Shinde Jivan VaKarya, Shri Siddhivinayak MahilaMahavidyalaya , Pune, , 42370, ISBN-978-81-931444-1-1
17. Mahatma Phule ,Shahumaharaj Ani Dr Babasaheb Ambedkar Yanchi Krushi-AudhogikYogdan, Snehavardhanprakation , Pune, , 43497, ISBN-978-93-87628-42-7
18. Marathi (G1) - I, Bharati Vidyapeeth (Deemed to be University) , Pune, , 42887, ISBN-978-93-88283-30-4
19. Marathi (G1) - II, Bharati Vidyapeeth (Deemed to be University) , Pune, , 43070, ISBN-978-93-8879-46-6
20. Marathi (G2) - I, Bharati Vidyapeeth (Deemed to be University) , Pune, , 43252, ISBN-978-81-941479-6-1
21. Marathi (G2) - II, Bharati Vidyapeeth (Deemed to be University) , Pune, , 43435, ISBN-978-93-89792-42-3
22. Marathi - I, Bharati Vidyapeeth (Deemed to be University) , Pune, , 42887, ISBN-978-93-88283-44-1
23. Marathi - II, Bharati Vidyapeeth (Deemed to be University) , Pune, , 43070, ISBN-978-93-88794-09-1

• **Dr. Mrs. S.S..Pawar**

1. Effect of antitranspirants on germinating seeds of Sorghum vulgare L., Asian Journal of Multidisciplinary Studies, Volume 2, Issue 9, Pp 174-177,, 41883, 2321-8819 (Online)2348-7186 (Print)
2. Influence of HICO-110R on water relations, photosynthetic pigments, stomatal regulation and yield of groundnut under water stress condition., International Journal Of Multifaceted And Multilingual Studies, Volume-I, Issue-III,, 41974, 2350-0476(Online)
3. Determination and quantification of Bacoside A from Bacopa monnieri (L) by High Performance Thin Layer Chromatography., International Journal of Pharmacognosy and Phytochemical Research, Vol. 7 (5) pp. 1060-65., 2015, 0975-4873
4. Determination of Extractive value and Phytochemical analysis of Bacopa monnieri (L)., Proceeding of State level seminar on Recent Advances in Life Sciences., pp71-76, 2015, 978-93-84916-59-6

5. Comparative study of extractive values of the leaf, unripe and ripe fruit extracts of *Aegle marmelos* (L.), Proceeding of State level seminar on Recent Advances in Life Sciences., pp77-83, 2015, 978-93-84916-59-6
6. Diversity of Bioactive Components of Cullen *Corylifolium* (L.) Medik., Proceeding of National Conference on Biodiversity, Climatic Change and Sustainable Development., pp 328-334, 2015, 978-93-5235-969-1pp
7. Biodiversity of Mite Fauna in the Intramural Environment of Rat House at Pune., International Journal of Life Sciences, Special Issue A3,pp. 11-17, 2015, ISSN: 2320-7817 |eISSN: 2320-964X
8. Impact of Climate Change on the Dynamics of Rat House Dust Mites., Asian Journal of Multidisciplinary Studies, Vol. 4, Issue 3., 2016, 2321-8819 (Online) 2348-7186 (Print)
9. Effect of environment on seasonal dynamics of rat house mites at Pune, International Journal of Entomology Research, Volume 1; Issue 4; pp 26-32, 42491, ISSN: 2455-4758
10. Study of Phytochemical Screening, Physicochemical Analysis and Antimicrobial Activity of *Bacopa monnieri* (L) Extracts, International Journal of Pharmaceutical and Clinical Research, Volume 8 Issue 8 pp 1222-1229, 42583, ISSN- 0975 1556
11. Quantitative Evaluation of Plant Diversity from Newly reported Sacred Grooves (Devrais) in Pune District (Maharashtra), Asian Journal of Multidisciplinary Studies, Volume 4, Issue 10, pp 58-66, 42614, 2321-8819 (Online) 2348-7186 (Print)
12. FESEM and FTIR spectroscopic characterization of *Aegle marmelos* (L.) unripe fruit., International ResearchJournal of Biological Sciences, Volume 6, Issue 1, pp 34-39, 0, 2278-3202
13. Determination of elemental and morphological properties of *Aegle marmelos* (L.) by FTIR and FESEM technique., Research Journal of Recent Sciences, Volume 6, Issue 2, pp 40-45, 0, 2277-2502
14. Effect of Bacoside A on lipid peroxidation in D- galactose induced aging mice., International Journal of Pharmacy and Pharmaceutical Sciences, Volume 9, Issue 9, pp 12-15, 42979, 0975-1491
15. Elemental analysis of *Aegle marmelos* L. leaves by ICP-MS Technique, International Journal of Innovative Knowledge Concepts, Volume 6, Issue 12, pp-201-208, 43435, 2454-2415
16. Elemental analysis in Unripe Fruit of *Aegle marmelos* L. using ICP-MS Technique, International Journal of Innovative Knowledge Concepts, Volume 6, Issue 12/pp -209-215, 43435, 2454-2415
17. Phytochemical Screening and FTIR Analysis of *Aegle marmelos* L. Unripe fruit, Journal of Environmental Biosciences, Vol.33, Issue 1 pp-203-210 June , 43617, ISSN (Print) -0973-6913 (Online) – 0976-3384
18. FTIR analysis and Phytoconstituents Screening of *Aegle Marmelos* L. Leaves in Various Extracts., Indo Global Journal of Pharmaceutical Sciences., 11(2):76-84, 2021, ISSN2249-1023