



VSPM Academy of Higher Education
Arvindbabu Deshmukh Mahavidyalaya, Bharsingi



Internal Quality Assurance Cell

List of Publication

Publication list department wise provided from academic session 2018-19 to 2020-21

• Faculty of Science

Department of Chemistry

A) Dr. Shrikant B. Thakare

1. Study of effect of temperature on interaction of 2CA4MBA with BSA at physiological pH: Ultrasonic Interferometer, **Thakare Shrikant**, Bandupant and Tekade Pradip Vitthalrao,
Int. Res. J. of Science & Engineering, Special Issue A11, August, **2021**, 105-110
ISSN: 2322-0015
2. *In vitro* Binding Interaction of Isoxazoline Derivative with BSA: Equilibrium, FT-IR, Acoustical and Molecular Modeling Study, Orbital electronic chemistry journal, Ajay Madhukarrao Pisudde, Pradip Vitthalrao Tekade, **Shrikant Bandupant Thakare**, **2020**, 118-126, ISSN:1984-6428
DOI: <http://dx.doi.org/10.17807/orbital.v12i3.1450>
3. Study of interactions of 2-[[2-(cyclohexylcarbonyl) benzoyl] amino]-3-methylbutanoic acid (2ACA3MBA) with BSA: ultrasonic interferometer, **S.B. Thakare^a**, P.V. Tekade, IJCESR, **2019**, 6(1), 761-767, ISSN: 2393-8374.

4. In vitro binding study of 4HDDD to BSA at physiological pH: acoustical and thermodynamic study. Ajay Pisudde, Pradip Tekade, **Shrikant Thakare**, Heterocyclic Letters, **2018**, 8(2), 367-373, ISSN: 2230-9632.
5. In Vitro Study of Interactions of Carboxamide Derivatives of Amino Acid with BSA: Ultrasonic Interferometer, Orbital electronic chemistry journal, **Shrikant Bandupant Thakare**, Pradip Vitthalrao Tekade, Ajay Madhukarrao Pisuddes, **2018**, 418-422, ISSN:1984-6428
DOI: <http://dx.doi.org/10.17807/orbital.v10i5.1161>
6. Comparative Binding Analysis of Pyrimidine Derivative to BSA: Equilibrium, FTIR and Acoustical Study, Orbital electronic chemistry journal, Ajay Madhukarrao Pisudde, Pradip Vitthalrao Tekade, **Shrikant Bandupant Thakare**, **2018**, 113-122, ISSN:1984-6428
DOI: <http://dx.doi.org/10.17807/orbital.v10i2.1116>
7. In vitro binding analysis of benzimidazole derivatives to BSA: acoustical, thermodynamic and molecular modeling study, Global journal of engineering science and researches Pradip V. Tekade*, Ajay M. Pisudde, Om A. Mahodaya & Shrikant B. Thakare, 2018, ISSN; 2348-8024
DOI:10.5281/zenodo.1288393

B) Name of Faculty:- Dr. M. R. Raghuvanshi

1. Synthesis of 3-S-5-TAG-5-Cyanoamino-2-Phenyl-1,2,4-Triazole By Reflux Method and its Characterication, 'Research Journey' International E- Research Journal, M. R. Raghuvanshi, 2019, 110(B), 200-203, ISSN: 2348-7174
2. Synthesis and Biological assay of some of substituted thio-carbamide, International Journal of Scientific Research in Science and Technology, M. R. Raghuvanshi, A. N. Ingole, 2021, 9(5), 123-128, ISSN: 2395-6011

3. Adsorption isotherm studies of methylene blue on Nano structural Polyaniline synthesized by Hydrothermal method, International Research Journal of Science & Engineering, Ingole A. N., Raghuvanshi M. R., 2021, A11, 98-104, ISSN: 2322-0015
4. Study of Kinetics of Methylene Blue Adsorption onto Nanostructural Polyaniline, International Journal of Scientific Research in Science and Technology, A. N. Ingole, M. R. Raghuvanshi, 2021, 9(5), 919-923, ISSN: 2395-6011

C)Name of faculty:- Dr. A. N. Ingole

1. Sorption of Acid Blue-74 Dye on Benzoic Acid Substituted Doped Polyanilines as Adsorbents, A. N. Ingole, S. B. Kapoor, D. B. Patil, International Journal of Research and Analytical Reviews, 2019, 6(1), 1189-1200, E-ISSN 2348-1269, P-ISSN 2349-5138
2. Adsorption isotherm studies of methylene blue on Nano structural Polyaniline synthesized by Hydrothermal method, International Research Journal of Science & Engineering, Ingole A. N., Raghuvanshi M. R., 2021, A11, 98-104, ISSN: 2322-0015
3. Study of Kinetics of Methylene Blue Adsorption onto Nanostructural Polyaniline, International Journal of Scientific Research in Science and Technology, A. N. Ingole, M. R. Raghuvanshi, 2021, 9(5), 919-923, ISSN: 2395-6011
4. Synthesis and Biological assay of some of substituted thio-carbamide, International Journal of Scientific Research in Science and Technology, M. R. Raghuvanshi, A. N. Ingole, 2021, 9(5), 123-128, ISSN: 2395-6011

D)Name of faculty:- Dr. R. P. Dongre

1. 1,3,5-Triazine- A comprehensive review of their synthesis and microbial activity , Int. J. of Science and Engineering, Dongre Ramkumar and Shingda Sampat , 2021 Special issue A11, 91-97, August, 2021 , ISSN: 2322-0015

DEPARTMENT OF BOTANY

A) Name of Faculty: - Dr. Smita P. Gudadhe

1. Gudadhe S. P., Gadge P. J., Dhoran V. S. (2018) Biochemical analysis of Indigofera L. species with special emphasis on protein content and phylogenetic analysis. International Journal of Recent Trends in Science and Technology. Special Issue-(ICRAFHN-2018):119-121

Link:-

https://www.statperson.com/Journal/ScienceAndTechnology/Article/SpecialIssue/ICRAFHN_32.pdf

2. Gudadhe, S. P. and Dhoran, V. S. and Nathar, V. N. (2019) Chromosomal Analysis in Chlorophytum tuberosum (Roxb.) Baker from Melghat Forest, Amravati District Maharashtra. Ajanta an International Multidisciplinary Research Journal. Vol. VIII No.1:72-84.

Link:-<https://www.gsgcollege.edu.in/RAISAT2019/Part-I.pdf>

3. Gudadhe, S. P. Shaikh, A.L. Mhaske, D. L. Kalbende, S.P. Kalbende, P.P. Dhoran, V.S. and Lunge M.S.(2021) Phytochemistry and Pharmacological activities of Caesalpinia crista L: A Review. Research Journal of Pharmaceutical, Biological and Chemical Sciences. Vol 12 (4):51-59.

Link:- [http://www.rjpbcs.com/pdf/2021_12\(4\)/\[6\].pdf](http://www.rjpbcs.com/pdf/2021_12(4)/[6].pdf)

B) Name of Faculty: -Mr. Surendra R. Sinkar

1. Vivek D. Samarth, **Surendra R. Sinkar**, Urja Pandya and Umesh P. Dhuldhaj* (2019) Phytohormonal Effect On In Vitro Callus Induction Of Tinospora Cordifolia (Willd.) Miers. Plant Cell Biotechnology And Molecular Biology 20(23&24):1383–1389; 2019

Link:- <https://www.ikprpress.org/index.php/PCBMB/article/view/4897>

2. S. V. Satpute, S. R. SINKAR* and A. M. Sarode (2021) Studies in wild plant pollinator diversity, its conservation and pollination benefit, I J R B A T, Issue (Special-17), June 2021: 589-596e-ISSN 2347 – 517X
Link:https://ijrbat.in/upload_papers/1708202112340089.%20S.%20V.%20Satpute,%20S.%20R.%20Sinkar%20and%20A.%20M.%20Sarode.pdf
3. Sanjay V. Satpute, Surendra R. Sinkar*, Akhilesh M. Sarode (2021) Wild edible fruit plants and their use by tribal people and local villagers: A survey-based study Int. Res. J. of Science & Engineering, Special Issue A11, August, 2021, ISSN: 2322-0015
Link:- https://www.irjse.in/ETST_2021/44.%20SPI_A11_BOT_07.pdf
4. Surendra R. Sinkar, Gauri V Ade and Sanjay V Satpute(2021) Plant-derived essential oils as an Antifungalagent: An updated review Int. Res. J. of Science & Engineering, Special Issue A11, August, 2021,ISSN: 2322-0015
Link:- https://www.irjse.in/ETST_2021/48.%20SPI_A11_BOT_09.pdf

DEPARTMENT OF PHYSICS

A) Name of faculty:- Dr. A. R. Gharpure

1. Photoluminescence study of Na₂S-Al₂S₃ Phosphor doped with Ce³⁺, Int. Res. J. of Science and Engineering, Special Issue A11, Gharpure Anjali R, 2021, ISSN 2322-0015, 51-53.
2. Synthesis and photoluminescence properties of rare earth doped BaAl₂S₄ and MgAl₂S₄ phosphor, Journal of Physics: Conference Series, A.R.Gharpure, S.P.Wankhede, 2021, 1913, 012037.
<https://iopscience.iop.org/article/10.1088/1742-6596/1913/1/012037>
3. Photoluminescence properties of Eu²⁺ doped BaAl₂S₄ phosphor, AIP Conference Proceedings, A.R.Gharpure, S.P.Wankhede, 2019, 2104, 030051
<https://doi.org/10.1063/1.5100478>
4. Wet chemical synthesis and photoluminescence study of SrAl₂S₄:Eu²⁺,Ce³⁺ phosphor , AIP Conference Proceedings, A.R.Gharpure, S.P.Wankhede, A.M.Badar, 2019, 2104, 020048
<https://doi.org/10.1063/1.5100416>
5. Synthesis and Photoluminescence Study of Ce³⁺ doped CaAl₂S₄ Phosphor, Alochana Chakra Journal, , A.R.Gharpure, S.P.Wankhede, 2020, Voiume IX,IssueV,ISSN NO: 2231-3990, 623-626.
6. Synthesis and Photoluminescence properties of BaGa₂S₄ Phosphor doped with Ce³⁺, International Journal of Scientific Research in Science and Technology IJSRST4206 , January-February-2018, Volume (4)1: 443-445,ISSN NO 2395 602X

B) Name of Faculty:- Dr. A. L. Gadre

1. Characterization and DC Electrical Conductivity of ZnO/LDPE Nanocomposites ‘Manisha C. Golchha, Vijaya S. Sangawar, Amit L. Gadre and Ganesh R. Yerawar ’, G P Globalize Research Journal of Chemistry Vol 3 (S) 2020 : pp 33 – 38. ISSN No. (Print) 2581-5911.
Doi:<http://www.gpglobalize.in/chemistry-journal/chemistry-journal.html>
2. Characterization Study of Cellulose (CEL)+Plasticizer PEG Added LDPE Biocomposite , ‘Amit L. Gadre , Ganesh R. Yerawar , Manish C. Golchha , Vijaya Sangawar ’, Der Pharmacia Lettre, 2021, 13(3):08-13 . ISSN 0975-5071.
Doi : <https://scholarsresearchlibrary.com/archive.html>
3. Biodegradation study of CEL and PEG added LDPE Bio-composite film ‘Amit L. Gadre, Manisha C. Golchha, Ganesh R.Yerawar, Vijaya Sangawar’, B.Aadhar’ International Peer-Reviewed Indexed Research Journal, 2021, : 243-246 , ISSN : 2278-9308.
Doi : www.aadharsocial.com
4. Biodegradation and Mechanical Properties study of 10% CEL + 7% PEG/LDPE Bio-composite film , ‘ Amit L Gadre, Manisha C Golchha, Ganesh R Yerawar , Vijaya S Sangawar, Vijay R Raghorte and Anand D Deshpande’ , Int. Res. J. of Science & Engineering, Special Issue A11, August, 2021. P. 19-25. ISSN: 2322-0015 DOI: https://www.irjse.in/ETST_2021/articles.php
5. Uniaxial grown Potassium Dihydrogen Phosphate crystal by Sankaranarayanan-Ramasamy (SR) method and slow evaporation solution technique (SEST): A comparative Investigation, ‘Uikey PR, Raghorte VR, Wakde GC, Gadre AL and Padole VY’ , Int. Res. J. of Science & Engineering, Special Issue A11, August,

2021. P. 07-14. ISSN: 2322-0015

DOI: https://www.irjse.in/ETST_2021/articles.php

6. Effect of Zinc Oxide Nanoparticle fillers on Electrical Resistivity of Low Density Polyethylene, 'Manisha C Golchha, Vijaya S Sangawar, Amit L Gadre and Ganesh R Yerawar', Int. Res. J. of Science & Engineering, Special Issue A11, August, 2021. P. 15-18. ISSN: 2322-0015

DOI: https://www.irjse.in/ETST_2021/articles.php

7. Synthesis and Study of Novel Polymers prepared by both Conventional and Microwave Synthesis Technique. Its application in detergent, 'Deshpande Anand D and Gadre Amit L', Int. Res. J. of Science & Engineering, Special Issue A11, August, 2021. P. 151-155. ISSN: 2322-0015

DOI: https://www.irjse.in/ETST_2021/articles.php

DEPARTMENT OF ZOOLOGY

Name of Faculty: Dr. Nitin M. Raut

1. Spiders as a bio-indicators of anthropogenic stress in natural and semi-natural habitats, Raut N. M., Some recent developments, B-Aadhar 2021 I.N. 287 144-148, ISSN-2278-9308
2. Distribution of spider fauna in the Chintamunishwar hill at Paradsinga, Dist. Nagpur (Maharashtra state) India. Raut N. M., IRJSE. A-11 2021 206-210, ISSN- 2322-0015



VSPM Academy of Higher Education
Arvindbabu Deshmukh Mahavidyalaya, Bharsingi



Internal Quality Assurance Cell

List of Publication

• **Faculty of Arts**

DEPARTMENT OF ENGLISH

A) Name of Faculty:- Mr. Ashish S. Kate

1. Mahatma Gandhi and His Thoughts, Mr. Ashish Kate, International Research Fellows Association's Research Journey Multidisciplinary International E-Research Journal, Peer Reviewed & Indexed Journal, ISSN – 2348-7143, Special Issue – 198, October-2019.
2. Class Antagonism In The God Of Small Things, Mr. Ashish S. Kate, LangLit, An International Peer-Reviewed Open Access Journal, ISSN 2349-5189, Special Issue March, 2019.
3. Depiction Of India In Sudha Murty's Works, Mr. Ashish S. Kate, Knowledge Resonance, A Half Yearly National Peer-Reviewed & Indexing With SJIF Impact Factor Research Journal, ISSN 2231-1629, Page No.307 To 309.
4. Teaching Learning Evaluation In Higher Education, Mr. Ashish S. Kate, Our Heritage, ISSN: 0474-9030 Vol-68, Special Issue-60, 29-30 January 2020.
5. Social And Cultural Impact In English Language Learning, Mr. Ashish S. Kate, LangLit, An International Peer-Reviewed Open Access Journal, ISSN 2349-5189, Special Issue May 2020, Page No. 809 To 812.
6. Postcolonial Indian English Novels, Ashish S. Kate, Research Journal of English Language and Literature (RJELAL) A Peer Reviewed (Refereed) International Journal, ISSN:2395-2636, Vol.9. S1. 2021, (Special Issue)

4. Vidarbhatil Lokgite, Dr.Rita D.Walke, An International Multidisciplinary Quarterly Research Journal, 2019, ISSN-2319-9318
5. Prasar Madhyamanche Badlate Swarup, Dr.Rita D.Walke, Research Journey Multidisciplinary International E-Research Journal, 2019, ISSN-2348-7143
6. Uchha Shikshana madhye Mahilanchi Bhumika, Dr.Rita D.Walke, B. Aadhar Multidisciplinary Research Journal, 2021, ISSN-2278-9308
7. Adiwasi Stree Samasya, Dr.Rita D.Walke , An International Peer Reviewed Research Journal, 2021, ISSN- 2319-4766
8. Marathi sahityatil badlate pravah, Dr.Rita D.Walke , International Peer Reviewed, open Access Journal, 2021, ISSN- 2395-602X
9. Swatantryapuraw/ Swantrattar Kalatil Bhartiya vicharwant Samajtsudharak, Krantikari Rajkiya Netyanche Karrya v Bhumika, Dr.Rita D.Walke , B.Aadhar peer Reviewed & referred Index International Multidisciplinary Research Journal, 2021, ISSN- 2278-9308

DEPARTMENT OF ECONOMICS

Name of Faculty:- Mr. Vijay P. Rahangdale

1. Relevance of Gandhian Economics Thoughts in Principle of Behavioral Economics, , Mr.Vijay P Rahangdale ,Research Journey ,Oct.2019, Issue 198, Page No.13-17,ISSN 2348-7143.
2. Role of Teacher in Nurturing Higher Education, Mr.Vijay P Rahangdale, *Our Heritage*, Vol-68-Issue-60, January-2020, ISSN: 0474-9030.
3. □□□□□□□ □□□□□□□□□□□ □□□□ □□□ □□□□□□□□ □□□□□□□ □□□□□ □□□ □□□□□ □□□□□□□, Mr.Vijay P Rahangdale , AJANTA,2019,VOLUME-III,ISSUE-IV ,ISSN-2277-5730
4. Impact of Goods and Services Tax on Indian Economy, Mr.Vijay P Rahangdale, RESEARCH JOURNEY, 2019, ISSN-2348-7143.

5. Analysis of Government Initiative toward Five Trillion US Dollars Indian Economy, Mr.Vijay P Rahangdale, Knowledge Resonance, 2020, 123-125, ISSN-2231-1629.
6. Role and Significance of Information and Communication Technology in Higher Education, Mr.Vijay P Rahangdale, RESEARCH JOURNEY, 2021, SPECIAL ISUUE -261(A), 144-149, ISSN-2348-7143.
7. Sources of Growth In Indian Economy after Corona Pandemic, Mr.Vijay P Rahangdale,AJANTA,2021,Volume-X,Issue-I, ISSN-2277-5730

DEPARTMENT OF HISTORY

Name of Faculty: Dr. P. D. Pawar

1. गांधीप्रणीत वर्धा शिक्षण योजना - एक ऐतिहासिक अध्ययन, Prakah D. Pawar, Gurukul Journal, Sep.2018, PageNo.70, ISSN: 2394-8426
2. आदिवासी जीवन परंपरेचा व संस्कृतीचा इतिहास- एक अध्ययन, Dr.PrakahD.Pawar, Pune Research Time, Oct to Dec.18, ISSN:2456-0960
3. महात्मा गांधीच्या आर्थिक विचारांचे ऐतिहासिक अध्ययन, Dr.PrakahD.Pawar, Research Journey,Oct.2019, ISSN:2348-7143
4. आष्टीच्या लढ्यातील खडकी गावातील महिलांची कामगिरी- □□ □□□□□□□□□□□□, Dr.PrakahD.Pawar, Pune Research World, Sep to Nov.2019, ISSN:2455-359X
5. राजमाता जिजाबाई यांचे सामाजिक कार्य - □□ □□□□□□□ □□□□□□, , Dr.Prakah D. Pawar, Shodh samiksha aur mulyankan, Aug-2020, Page No-74, ISSN: 0974-2832.
6. व्यक्तिमत्व □□□□□□□□ □□□□□□ □□□□□□ - □□ □□□□□□, Dr.Prakah D. Pawar, Research Nebula ,May-2020, Page No.300, ISSN:2271-8071

7. Impact of information & communication technology on teaching and learning process, Dr. Prakah D. Pawar, UPA Interdisciplinary E-Journal, June-2020, Page no.239, ISSN:455-4375
8. The challenges & opportunity after lockdown covid-19, Dr. Prakah D. Pawar, Shodh samachar Bulletin, June-2020, Page no.43, ISSN:2229-3620
9. □□□□□ □□□□□□□□□□ □□□□□□□□ □□□□ – □□ □□□□□□, Dr. Prakah D. Pawar, Vidyawarta, Oct to Dec.2020, Page No-12, ISSN:23199318
10. Diversity and Trends in History, Dr. Prakah D. Pawar, Scholarly Research journal for Multidisciplinary Studies, April-June 2021, Vol-10, Issue -51, Page No-11-13, ISSN2319-4766
11. Dr. Babasahebanchi Ratrasambhadhi Vicha- Ek Etihāsik Adhayan, Dr. Prakah D. Pawar, Research Hub, June-2021, Page No-86-88, ISSN:2582-9173
12. Asprushta Nivaran Hetu. Mahatma Gandhi ke Vichar Aur kary-Ek etihāsik adhayan, Dr. Prakah D. Pawar, Shodh Sarita, Vol.8 Issue29, January to March 2021, Page No-174-176, ISSN- 2348-2397
13. Samajik Nay Aur Manav Adhikar, Dr. Prakah D. Pawar, Sodh Sanchar, Jan-March -2021, Vol-11 Issue 41, Page No-66-69, ISSN 2229-3620
14. Ahilyabai Holkarani Bandhalele Vade-Ek etihāsik Sihanvlokān, Dr. Prakah D. Pawar, International Research Mirror, April-2021 Vol-1 Issue -04, Page No12-14, , ISSN(P)-2250-253x, ISSN(E)-2320-544x
15. Bhartiya Krushi Vevatha va Chalvali-Ek ehtihāsik Dutrikon, Dr. Prakah D. Pawar, B.Aadhar, May-2021, Page No55-58, ISSN-2278-9308
16. Tradition of Holika Dahan: A Historical Perspective, Dr. Prakah D. Pawar, Indus International Research Foundation, June 2021, Page No-17-18

DEPARTMENT OF POLITICAL SCIENCE

Name of faculty:- Mr. R. S. Ghorpade

1. Ashpruta Nivarn Hetu Mahatma Gandhi Ke Vichar aur Karye-Ek Adhyayan, Mr.Rajendra Ghorpade, International Multilingual Research Journal, 2019, ISSN-2319-9318.
2. Mahatma Gandhijinche Shikshan Vishyak Vichar, Mr.Rajendra Ghorpade , Reserch Journal Muidisciplinary International E-Research Journal, Peer Reviewed&Indexed Journal October-2019, ISSN-2348-7143.
3. Bharti Sarvochh Nyayalay aani Nyayalayin Sakriyata , Mr.Rajendra Ghorpade , Reserch Journey Muidisciplinary International E-Research Journal , February-2020, ISSN-2348-7143.
4. India- Chiana Relation An Internationl Political Issue, Mr.RajendraGhorpade, International Multidisciplinary Research Foundation International Conference on Feminism,Culture,Language&Technology Impact 2021, Jan.29-30,2021 ISSN 2349- 1353 Impact-2.58.
5. Bharat – China Sambandh: Ek Rajkiy Drushtikon, Mr.Rajendra Ghorpade, Vidyawartta Refereed Peer revised Research Journal, Oct to Dec,,2020,ISSN - 23199318 Impact-7.04.
6. Human Rights Reality& Challenge”, Mr.Rajendra Ghorpade, Peer Reviewed International Rsearch Journal Aadhar Social Research & Development Training Institute, Amravati, 10 Dec.2020,ISSN-2278- 9308 Impact-7.675.
7. Dr.Babasaheb Ambedkar Yanche Savidhan Nirmitit Yogdan: ek Etihasik Drushtikon, Mr.Rajendra Ghorpade, RESEARCH HUB International Peer-Reviewed Multi-Disciplinary E-Journal, 27July 2021,ISSN--2582-9173, www.researchhub.org.in
8. Bhartatil Maovad Chalval: Swarup v Prabhav, Mr.Rajendra Ghorpade, B.Aadhar’ International Peer-Reviewed Indexed Research Journal, Fabruary, 2021, 2278-9308 Impact Factor - ((SJIF) –7.675, Issue NO, 272 (CCLXXII).

