

## RESEARCH ACTIVITY

### REPORT

#### 1. PAPER PUBLICATION

Sr. No.	Department	Name of Author	Title of Research Paper	Name of Journal Volume (National / International)	Impact Factor
1	Microbiology	Dr. H.S. Malpani (1)	Microbiological study of waste disposal and its efficient management.	Research Journey Sp. Issue 110(E) Feb. 2019	6.261 (SJIF)
2	Microbiology	Ms. S.N. Gawande (1)	Phytochemical and Antibacterial properties of Ethanolic extract of <i>Syzygium cumini</i> seed on pathogenic bacteria.	Journal of Plant Disease Science Vol.13(1): 56-61, 2018	6.261 (SJIF)
3	Chemistry	Dr. P.P. Deohate (6)	1. Analysis of Drug Ofloxacin in Bulk & Single Component Pharmaceutical Tablets by Non-Aqueous Potentiometric Titration Method.	Journal of Indian Chemical Society 95, 559, 2018	0.204
			2. Assessment of Ground Water Quality of Agriculture Land For Irrigation Purpose In Some Villages of Akola District of Maharashtra, India.	Journal of Biological and Chemical Chronicles, 4(2), 90, 2018	-
			3. Determination of Physico-Chemical Parameters of Ground Water Used For Irrigation In Villages of Akola District of Maharashtra, India.	Journal of Biological and Chemical Chronicles, 4(2), 124, 2018	-
			4. Non-Aqueous Potentiometric Analysis of Drug Furosemide In Bulk And Single Component Pharmaceutical Tablets.	Research Journey International E-Research Journal, 110(B), 271, 2019	6.261 (SJIF)
			5. Non-Aqueous Potentiometric Determination of Drug Paracetamol-Mefenamic Acid in Single And Double Component Pharmaceutical	Journal of Indian Chemical Society 96, 311, 2019	0.204

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			6. Microwave Irradiative Synthesis of Triazine Substituted Pyrazoles And Study of Antitubercular And Antimicrobial Activities	Asian Journal of Chemistry 31(5) 1087, 2019	0.140
4	Chemistry	Dr. P.T. Agrawal (3)	1 Synthesis And Characterization of Nanoparticles of 1-Hepta-O-Benzoyl- $\alpha$ -D-Lactosyl-5-Aryl-2,4-Dithiobiurets.	Technical Research Organization India Vol- 6, Issue-1. 2019. ISSN 2393-8374. Pg. No. 1264-1266.	-
			2. Microbial Evalution of Ginger Oil Against Dandruff.	Research Journey International E-Research Journal Special Issue 110(B). Feb. 2019. ISSN- 2348-7143	6.261
			3. Microbial Evalution of Nanoparticles of Sum New Lactosyl 5-Aryl 2,4 Dithiobiurets	Research Journey International E-Research Journal Special Issue 110(B). Feb. 2019. ISSN-2348-7143	6.261
5	Chemistry	Dr. P.R. Kawle (1)	Impact of Idol Immersion on Water Quality of Pinglakshi Lake of Risod in Washim District.	AJANTA, Vol III, Isu.1, ISSN 2277-5730	
6	Chemistry	Dr. K.M. Heda (3)	1 Spectral Study And Scuring of 1-Phenyl 3-Substituted for An Antimicrobial Activity.	Recent Innovation In Science Engineering And Technology -2018 ISBN 978-93-5300-458-3	-
			2. Synthesis Structural Study And Biological Evolution of Benzothizolyyl Thicarbamide	Research Journey International E Research Journal, Special Issue 110(B), Feb. 2019 ISSN – 2348-7143	-
			3. Synthesis Characterization of 1-Phenyl 3(2) – Hydrazine-1,3 Subsited Benzothiozolyyl Thiocarbamide	Technical research Organization India, Vol 6 Issue 1, 2019] International Journal, of Engineering & Scientific Research. ISSN-2393-8374.	-

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7	Chemistry	Dr. A. G. Sarap (1)	A Novel Studies of Synthesis of Nano Particles of 2-5-Tetra-O-Acetyl-B-Dgalactosyl-1-Aryl-5-Tetra-O-Acetyl-B-D-Glucosyl -2-1 isothiobiurets And There XRD Studies.	Research Journey International E Research Journal, Special Issue 110(B), Feb. 2019 ISSN – 2348-7143 P.No. 57	6.261
8	Chemistry	Mr. V.D. Deotale (1)	"Synthesuis of Thizole, Thiazinan, Thiadiazin, Thiazolidin, Triazine, Thixo-Pyrimidin and Thioxo-Imidazolidine, by Inter-Intra Molecular Cyclization"	Indian Journal of Chemistry; Volume 57B, Dec. 2018	0.525 (JCR 2017)
9	Chemistry	Mr. S.C. Zyate (1)	Antimicrobial Activity of Chalcone derivativesand their synthesis.	Research Journey 110(B), Feb-2019,	6.261
10	Zoology	Dr. S.M. Nagrale (1)	Biological aspects of Mycophagous Trips Elaphrothrips Procer (Schmutz) (Thysanoptera: Phlaeothripidae)	Research Journey International E Research Journal (Feb. 2019), Special issue vol.110(G), 114-117 (ISSN: 2348-7143),UGC App. J. No. 40705.	6.261 (SJIF)
11	Zoology	Dr. A.S. Sawarkar (2)	1. AFM study of egg sac silk fibers of the giant wood spider <i>Nephila pilipes</i> ( <i>Araneae, Araneidae</i> )	International Journal of Current Engineering & Scientific Research (IJCESR),2019.Vol.6 (1), ISSN (Print): 2393-8374, (Online): 2394- 0697, pp. 97-100.	6.263
			2. Orb web features of giant wood spider <i>Nephila pilipes</i>	Research Journey International E Research Journal (Feb.2019), Spe. issue vol. 110 (G), 145-149 (ISSN: 2348-7143), UGC App. J. No. 40705.	6.261
12	Zoology	Dr. R.P. Joshi Sawalkar (1)	Biochemical changes in midgut tissue of silkworm <i>Bombyx mori</i> , during Grasserie infection.	PIJR Print ISSN: 2250-1991 Vol-8/Issue-4/April-2019	6.761



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13	Botany	Mrs. V.N. Badgujar (2)	1. Review of Traditional & "phytochemical investigations of essential oil yielding plant- Pelargonium gravelolens"	Research journey International E-Research journal	6.261
			2. Survey of phytochemically riched wild vegetables used by Tribels of Katepurna sanctuary, Vidarbha region.	International journal of Current Engineering and Scientific Research (IJCESR)	IARC (JCRR) 0.916 GIF.695 SIFO.73 JIF 0.9
14	Botany	Dr. P.M. Khadse (2)	1. Pharmacognostic and Phytochemical Investigation on Cleistanthus collinus (Roxb.) Benth.Ex.Hook.F.	Research Journey International E-Research Journal	SJIF-6.261
			2. "Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies"	'Ajanta' An International Multidisciplinary Quarterly Research Journal	5.5
15	Botany	Dr. A.A. Sangole (3)	1. "Phytochemical screening of pollen of Catheranthuroseous plant"	International Journal of Current Engineering and Scientific research (IJCER) Vol 6 Issue 1, Jan.2019	IARC (JCRR) 0.916 GIF)695 SIF0.73 JIF 0.9
			2. "Pollen Histochemical analysis of Gossypium sp.	International E-Research Journal ISSN 2348-7143 Special issue 110(E) Feb. 2019	6.261
			3. "Pollen Viability of selected Varieties of Gossypium Sp".	International Multidisciplinary Quarterly Research Journal AJANTA Vol-III, Issue-I, Part V, Jan-March 2019	5.5
16	Botany	Mr. S.V. Madavi (1)	Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies	Research Journey International E-Research Journal Vol110, Issue-I, pp 31-34 (Feb. 2019) ISSN: 2348-7143 Impact factor: 6.261	6.261
17	Physics	Mr. P.P. Gedam (2)	1. One step galvanostatical synthesis and characterization of acid doped PANI thin films.	Research Journey International E-Research Journal Vol110, Issue-I, pp 31-34 (Feb-2019) ISSN: 2348-7143 Impact factor: 6.261	6.261



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			2. Electrochemically synthesis and characterization of polyaniline thin films.	Pune Research Times <i>An International Journal of Contemporary Studies</i> ISSN 2456 – 0960 Spe. Issue 01 (Feb. 2019)	3.18
18	Physics	Dr. R.M. Agrawal (4)	1.Humidity Sensing Properties of BaTiO <sub>3</sub> doped ZnO Thick Films	Ajanta Volume-VIII, <i>Issue-I, pp 33-38</i> (January 2019) ISSN: 2277-5730 Impact factor: 5.5	5.5
			2. Synthesis and Humidity Sensing Investigation of Nanostructured ZnO doped SnO <sub>2</sub> Thick Films	Research Journey <i>International E-Research Journal Volume 110, Issue-I, pp 25-30</i> (Feb-2019) ISSN: 2348-7143 Impact factor: 6.261	6.261
			3. Water Vapour Sensing Mechanism of PANI doped with ZnO Nanocomposites	Research Journey International E-Research Journal Volume 110, Issue-I, pp 250-253 (Feb-2019)) ISSN: 2348	6.261
			4. Study of AC Electrical Conductivity and Dielectric Properties of Polypyrrole based ZnO Nanocomposites	Research Journey <i>International E-Research Journal Volume 110, Issue-I, pp 254-258</i> (Feb-2019)) ISSN: 2348-7143	6.261
19	Computer Science	Mr. R.B. Ghayalkar (1)	An Emerging Field IOT : Review	Research Journey International E-Research Journal ISSN–2348-7143 Spe. Iss – 110 (C)	6.261
20	Electronics	Mr. R.G. Chavan (1) Mr. Yash Vidyasagar	Microcontroller Based Techeye System for Obstacle Detection & Ranging To Assist Blind Person	Research Journey <i>International E-Research Journal, UGC Approved Journal February-2019</i> ISSN :2348-7143	(SJIF) 6.261, (CIF) 3.452
21	Electronics	Mr. R.D. Chaudhari (1) Mr. Dattaraj Vidyasagar	Arduino Uno Based Accident Avoiding System in Mountainous Area	Research Journey <i>International E-Research Journal, ISSN-2348-7143 February-2019</i>	(SJIF) 6.261

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22	Department of Sports & Physical Ed.	Dr. R.D. Chandrawanshi (2)	1. Application of Advanced Technology to enhance the performance of Wrestlers	Aayushi International Interdisciplinary Research Journal (ISSN-2349-638x) Special Issue Published in Dec.2018	4.574
			2. Healthy Diet affects the Youth	Global Journal of Applied Social, Political, Sports & Sci. ISSN 2278-4349 March 2019.	1.90
23	English	Mr. A.B. Khedkar (1)	Poems-Let's do it for Kerala, Gods own country, and one day.	Langlit: an international peer revied open access journal.	4.23

**2. PAPER PRESENTED IN CONFERENCE / SEMINAR**

Sr. No.	Department	Name of Author	Title of Research Paper	Name & Place of Conference/Seminar/ Workshops	Year/ Date
1	Microbiology	Dr. V.D. Nanoty (2)	1. Waste management : An eco-friendly solution to burning problem and it's application.	Shankarlal Khandelwal Arts, Science and Commerce College, Akola (MS)	23 Feb. 2019
			2. Isolation of microbes associated with biofilm formation on removable partial denture.	Department of Zoology, SGBAU, Amravati	22-23 Jan. 2019
2	Microbiology	Dr. U.K. Bhalekar (2)	1. Production of plant growth promoter by using fermented extract of <i>Amaranthus spinosus</i> and Cow urine	Shankarlal Khandelwal Arts, Science and Commerce College, Akola (MS)	23 Feb. 2019
			2. Isolation of microbes associated with biofilm formation on removable partial denture.	Department of Zoology, SGBAU, Amravati	22 and 23 Jan. 2019
3	Microbiology	Dr. H.S. Malpani (2)	1. Prevalence of Bacterial Pathogens in hospital air and threat of MDR nosocomial infections.	106 <sup>th</sup> Indian Science Congress at Lovely Professional University, Phagwara, Punjab.	3-7 January 2019
			2. Consequences of River dumping on algal biodiversity of Morna River	Bio waste as Bio recourse at Shankarlal Khandelwal College, Akola	23 <sup>rd</sup> Feb. 2019



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4	Microbiology	Ms. S.N. Gawande (2)	1. Isolation of microbes associated with biofilm formation on removable partial denture.	Department of Zoology, SGBAU, Amravati	22 and 23 Jan. 2019
			2. Production of plant growth promoter by using fermented extract of <i>Amaranthus spinosus</i> and Cow urine	Shankarlal Khandelwal Arts, Science and Commerce College, Akola (MS)	23 Feb. 2019
5	Chemistry	Dr. P.P. Deohate (1)	Non- Aqueous Potentiometric Analysis of Drug Furosemide in Bulk and Single Component Pharmaceutical Tablets.	National Conference on Emerging Trend In Science, Vidya Bharti Mahavidyalaya, Amravati	1,2 Feb. 2019
6	Chemistry	Dr. P.T. Agrawal (2)	1. Synthesis And Characterization of Nanoparticles of 1- Hepta O- Benzoyl B-D-Lactosyl 5-Aryl 2,4 Dithiobiurets.	International Conference on Multifunctional Advanced Material ICMAM-2018	5-7 October 2018.
			2. Microbial Evaluation of Nanoparticles of Some New Lactosyl 5-Aryl 2,4 Dithiobiurets.	Emerging Trends In Science, Vidya Bharti Mahavidyalaya, Amravati	1 To 2 Feb. 2019.
7	Chemistry	Dr. P.R. Kawle (2)	1. Synthesis of 25b, Triary; Pyrazine And 2,2,4,5- Tetra Aryl Imidazol Over Ecofriendly Lemon Juice Catalyst.	Indian Science Congress Association Future India: Science And Technology At LPU, Jalandar	3-7Jan. 2019.
			2. Impact of Idol Immersion On Water Quality of Pinglakshi Lake of Risod In Washim, District	National Conference on RAISAT-2019 At GSG College Umerkhed, District : Yavatmal.	5-6 March 2019
8	Chemistry	Dr. K.M. Heda (2)	1. Synthesis Structural Study And Biological Evaluation of Pharmacologically Important -1,3 -Substituted Benzothizoly Thiocarbamide	Emerging Trends In Science, Vidya Bharti Amravati.	1-2 Feb. 2019
			2. Synthesis, Characterization of 1-Phenyl-3(2)Hydrazine-1,3 - Substituted Benzo Thiozoly Thiocarbamide.	----	---
9	Chemistry	Dr. A.G. Sarap (2)	1. A Novel Studies of Synthesis of Nano Particles of 2-5-Tetra-O-Galactosyl 1-Aryl-5tetra-O-Acetyl-Å-	National Conference Emerging Trends In Science – 2019 Vidya Bharti College,	1-2 Feb. 2019



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			Dglucosyl 2-1 Isothiobiures And Their XRD Studies	Amravati.	
			2. ----	International Conference on RAIPLS -2019, in University Jaipur.	
10	Chemistry	Mr. V.D. Deotale (1)	HPLC Purification Technique: Synthesis of Unsymmetric 1,3-Disubstituted Thiobarbituric Acids	International Conference on Multifunctional Advanced Materials (ICMAM) 2018 At Kamla Nehru Mahavidyalaya Nagpur, Maharashtra, India.	05-07 October 2018
11	Chemistry	Mr. S.C. Zyate (1)	Antimicrobial Activity of Chalcone derivatives and their synthesis.	Emerging Trends In Science, Vidya Bharati College, Amravati.	1-2 Feb. 2019
12	Zoology	Dr. A.S. Sawarkar (3)	1. AFM study of egg sac silk fibers of the giant wood spider Nephila pilipes.	International Conference on "Multifunctional Advanced Materials", at Kamla Nehru Mahavidyalaya & Dharampeth M.P. Deo Memorial Sci. College, Nagpur	5-7 Oct. 2018
			2. Impact of Zinc sulphate on gills of fish <i>Ophiocephalus punctatus</i>	National Conference on "Recent Trends in Life Sciences for Sustainable Development" at SGB Amravati University, Amravati.	22-23 Jan. 2019
			3. Orb web features of giant wood spider Nephila pilipes	National Conference on "Emerging Trends in Sciences", Vidya Bharati Mahavidyalaya, Amravati	1-2 Feb. 2019
13	Zoology	Dr. R.P. Joshi Sawalkar (3)	1. Extraction of amino acids from fecal matter of silkworm Bombyx mori.	One day National Seminar on Trends in Bioresource Management and Nanotechnology at C.S.B.R, RTM. Nagpur University, Nagpur.	26 October 2018

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			2. Silkworm and seasonal infections in Western Vidarbha: Maharashtra	HumboldtKolleg on Comparative Endocrinology and Physiology at RTM Nagpur University, Nagpur	7th to 9th Jan. 2019
			3. Variation in catalase activity in the silk worm Bombyx mori during, infection with Bacterial Flacherie	Recent Trends in life sciences for sustainable development (RTLSSD) -2019, Dept. of Zoology SGBAU Amravati	22 <sup>nd</sup> and 23 <sup>rd</sup> Jan. 2019
14	Botany	Mrs. V.N. Badgujar (2)	1. "Survey of phytochemically Riched wild vegetables used by Tribels of Katepurna Sanctuary, Vidarbha region"	International Conference on Multifunctional Advance Materials ICMAM-2018, Kamala Neharu Mahavidyalaya, Dharpneth & M.P. Deo Memorial Science College, Nagpur.	05-07 Oct. 2018
			2. "Review of Traditional & phytochemical investigations of essential oil yielding plants Pelargonium gravelolens"	"Emerging Trends in science" held at Vidyabharati Mahavidyalaya, Amravati	01.02 2019
15	Botany	Dr. P.M. Khadse (1)	"Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies"	National Conference on Emerging Trends in Science, Held at Vidyabharati Mahavidyalaya Amravati.	1&2/02/ 2019
16	Botany	Dr. A.A. Sangole (3)	1. "Phytochemical screening of pollen of Catheranthureseusplant"	International Conference on Multifunctional Advanced Materials ICMAM-2018.Kamlanehu Mahavidyalaya, Nagpur And Dharpneth M.P. Memorial Science College, Nagpur.	5 <sup>th</sup> to 6 <sup>th</sup> October 2018
			2. "Pollen Histochemical analysis of Gossypium sp".	<i>Emerging Trends in Science</i> Organised by Vidyabharti Mahavidyalaya Amravati	1 <sup>st</sup> and 2 <sup>nd</sup> February 2019

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			3. Pollen Viability of selected Varieties of Gossypium Sp.	National Conference on Recent Advances in Science and Technology (RAISAT-2019) Gopikabai Sitaram Gawande Mahavidyalaya Umarched	5 <sup>th</sup> to 6 <sup>th</sup> March,
17	Botany	Mr. S.V. Madavi (1)	Ethnobotanical Studies on Moringa oleifera (Lam.) Analytical studies	National Conference on Emerging Trends in Science, Held at Vidyabharati Mahavidyalaya Amravati.	1&2/02/ 2019
18	Physics	Mr. P.P. Gedam (2)	1. One step galvanostatical synthesis and characterization of acid doped PANI thin films.	National Conference on Emerging Trend in Sciences at Vidyabharati College, Amravati	1 <sup>st</sup> -2 <sup>nd</sup> Feb, 2019
			2. Electrochemically synthesis and characterization of polyaniline thin films	National conference on Nanomaterials and their applications critical at Arts, Comm. & Science College, Kille-Dharur Dist. Beed.	14 <sup>th</sup> Feb, 2019
19	Physics	Dr. R.M. Agrawal (1)	Synthesis and Humidity Sensing Investigation of Nanostructured ZnO doped SnO <sub>2</sub> Thick Films	National conference on "Emerging Trends in science" which is organised by Vidya Bharati Mahavidyala, Amravati	1 <sup>st</sup> -2 <sup>nd</sup> Feb. 2019
20	Physics	Mr. S.R. Jaiswal (1)	Visible Quantum Cutting in KMgF <sub>3</sub> Co-doped with Gd <sup>3+</sup> and Eu <sup>3+</sup> Phosphor	International Conference on Luminance and its Applications (ICLA) Jan-2019 at Ravishankar Shukla University, Raipur	7-10 Jan. 2019
21	Computer Science	Mr. R.B. Ghayalkar (1)	An Emerging Field IOT: Review	National Conference on Emerging Trends in Science. Vidya Bharati Mahavidyalaya, Amravati	1 & 2 Feb. 2019
22	Electronics	Mr. R.G. Chavan (1)	Microcontroller Based Techeye System for Obstacle Detection & Ranging To Assist Blind Person.	National Conference on Emerging Trends in Science. Vidya Bharati Mahavidyalaya, Amravati	1,2 Feb. 2019



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23	Electronics	Mr. R.D. Chaudhari (1)	Arduino Uno Based Accident Avoiding System in Mountainous Area ACROSS U-Turn	National Level Conference on Emerging Trends in Science. Vidya Bharati MahaVidyalaya, Amravati	1,2 Feb. 2019
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**3. PARTICIPATION IN CONFERENCE / SEMINAR / WORKSHOP**

Sr. No.	Department	Name of Participant	Theme & Place of Conference/seminar/workshops	Level : National/ State / District	Year/ Date
1	Microbiology	Dr. H.S. Malpani (4)	1. One Day National Conference on New Methodology of NAAC assessment to nurture quality enhancement in Higher Educational Institution, Smt. L.R.T. College of Commerce, Akola	National	29 <sup>th</sup> Sept. 2018
			2. Trends in Genetic modification Badrinarayan Barwale Mahavidyalaya (Webinar)	International	9 <sup>th</sup> Feb. 2019
			3. One day state level symposium on Research supervisor under new guideline: duties & Role Govt. Vidarbha Institute of Science and Humanities, Amravati.	State	5 <sup>th</sup> April, 2019
			4. One day National workshop Level seminar cum Workshop on Soap and Perfume making. Shri R.L.T. College of Science, Akola	National	8 <sup>th</sup> Sept. 2018
2	Microbiology	Ms. S.N. Gawande (2)	1. International conference on Microbiome Research NCCS, Pune	International	19-22, Nov. 2018
			2. One day National workshop Level seminar cum Workshop on Soap and Perfume making Shri R.L.T. College of Science, Akola.	National	2018
3	Chemistry	Dr. P.P. Deohate (3)	1. "National Level Seminar Cum Workshop on 'Art of Perfume and Soap Making' Department of Chemistry, Shri R.L.T. College of Science, Akola	National	8 <sup>th</sup> Sept. 2018

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			2. "AUCTA's 20 <sup>th</sup> Annual Convention and Seminar on Research Methodology in Current Context" Organized by AUCTA at Shri Shivaji Science College, Amravati	University	2nd Dec. 2018
			3. "State Level Seminar on My Health My Responsibility: Complementary to Medicine and Health Care" and "Teacher Workshop on Teaching Constrains In Microbiology and Allied Science" Department of Microbiology, Shri R.L.T. College of Science, Akola.	State Level	28 Feb. 2019
4	Zoology	Dr. S.M. Nagrale (2)	1. "National Level Seminar Cum Workshop on 'Art of Perfume And Soap Making' Organized by Department of Chemistry, Shri R.L.T. College of Science, Akola	National	8 Sept. 2018
			2. Seminar on "My Health, My Responsibility: Complementary to Medicine & Health Care" at Shri R.L.T. College of Science, Akola.	State Level	28 Feb. 2019
5	Zoology	Dr. A.S. Sawarkar (9)	1. One day Workshop on "Performance Based Appraisal System, PBAS-API" Arts, Commerce & Science College, Amravati.	University Level	26 June, 2018
			2. One day Workshop on "Cyber Crime & Women's Safety" at Shri R.L.T. College of Science, Akola	District Level	20 July, 2018
			3. One day Workshop on "Eco-friendly Ganesha Idol Preparation" at Shri R.L.T.College of Science, Akola	District Level	06 Sept. 2018
			4. One Day Workshop on "Art of Perfume and Soap Making" at Shri R.L.T.College of Science, Akola	National Level	08 Sept. 2018
			5. One day National Conference on "New Methodology of NAAC Assessment to nurture quality enhancement in higher Educational Institutions" at Smt. L.R.T. College of Commerce, Akola.	National Level	29 Sept. 2018

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			6. Skill Development programme on "Reservoir Fisheries Development" at S.K. College, Akola	State Level	29-31, Oct. 2018
			7. One Day Workshop on "Self Employment through Fisheries" at Aapoti (Kd), Akola.	University Level	19 Dec. 2018
			8. One Day Workshop on "Teaching Methodology: Need of Today's Higher Higher Education" at Rajarshee Shahu Science College, Chandur Rly.	State Level	04 Jan. 2019
			9. Seminar on "My Health, My Responsibility: Complementary to Medicine & Health Care" at Shri R.L.T. College of Science, Akola.	State Level	28 Feb. 2019
6	Zoology	Dr. S.R. Kohchale (2)	1. One Day Workshop on "Art of Perfume and Soap Making" at Shri R.L.T. College of Science, Akola	National Level	08 Sept. 2018
			2. Seminar on "My Health, My Responsibility: Complementary to Medicine & Health Care" at Shri R.L.T. College of Science, Akola	State Level	28 Feb. 2019
7	Zoology	Dr. R.P. Joshi Sawalkar (4)	1. One day national level seminar cum workshop on "Art of Perfume & Soap Making" at Shri R.L.T. Science College, Akola.	National Level	08/09/18
			2. Two day workshop on "Ecofriendly Ganesha Idol Preparation" at Shri R.L.T. Science College, Akola.	University level	06/09/18
			3. One Day Workshop on "Self Employment Through Fisheries" at Shri R.L.T. Science College, Akola	University Level	19/12/18
			4. One Day State Level Seminar on My health, "My responsibility: Complementary to medicine & Health care" at Shri R.L.T. Science College, Akola.	State Level	28/02/19
8	Zoology	Dr. R.L. Rahatgaonkar (3)	1. One day national level seminar cum workshop on "Art of Perfume & Soap Making" Shri R.L.T. Science College, Akola.	National Level	08/09/18



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			2. One day National Conference on "New Methodology of NAAC Assessment to nurture quality enhancement in higher Educational Institutions" at Smt. L.R.T. College of Commerce, Akola.	National Level	29 Sept. 2018
			3. One Day State Level Seminar on My health, "My responsibility: Complementary to Medicine & Health Care" at Shri R.L.T.Science College, Akola.	State Level	28/02/19
9	Botany	Mrs. V.N. Badgujar (09)	1. International Conference on Multifunctional Advance Materials ICMAM-2018, Kamala Nehru Mahavidyalaya, Dharmpeeth & M.P. Deo Memorial Science College, Nagpur	International	05-07 Oct. 2018
			2. "Emerging Trends in Science" Vidyabharathi Mahavidyalaya, Amaravati	National	1st Feb. 2019
			3. Workshop on "Cyber Crime & Women's Safety" organized by Shri R.L.T.College of Science, Akola	District	20th July, 2018
			4. One day National level seminar cum workshop on "Art perfume & Soap Making" organised by Dept. of Chemistry Shri R.L.T. College of Science, Akola	National	8th Sept. 2018
			5. Attended workshop on "Flower Structure & types of inflorescences" organised by ASC College, Kiran Nagar, Amaravati.	Inter Collegiate	1st Oct. 2018
			6. Attended one day workshop on "Seasonal Flower" organised by Department Botany Vidyabharati Mahavidyalaya, Amaravati	District	20th Oct. 2018
			7. Attended and Participated in one day workshop on 'Patent drafting filing & processing" held at Vidyabharati Mahavidyalaya, Amaravati	District	29th Nov. 2018

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			8. One day workshop on "Self Employment Through Fisheries" organised by B.G.E. Society's Shri R.L.T. College of Science, Akola in colabration with Dept. of Fisheries, Govt. of Maharastra at N.S.S. Residential Camp–Apoti Kd. Dist. Akola	District	19th Dec. 2018
			9. State level Seminar on "My Health My Responsibility" At Shri R.L.T. College of Science, Akola	State	28 Feb. 2019
10	Botany	Dr. P.M. Khadse (05)	1. "Recent Advance in Science and Technology", Gopikabai Sitaram Gawande Mahavidyalaya, Umardhed.	National Conference	5-6 March 2019
			2. "Emerging trends in science", held at Vidyabharati Mahavidyalaya, Amravati.	National Conference	1-2, Feb. 2019
			3. "Arts of perfume and soap making" Organized by Dept. of Chemistry, Shri R.L.T. College of Science, Akola.	National Conference	8 Sept. 2018
			4. "Rain Water Harvesting" organized by Dept of Botany and Club Enviro under the Aegies of Vidyabharati GEMS, Amravati.	State Level Workshop	28th July, 2018
			5. "My Health My Responsibility : Complementary to medicine and Health Care" organised by Dept. of Microbiology, Shri R.L.T. College of Science, Akola.	State Level Seminar	28 Feb. 2019
11	Botany	Dr. A.A. Sangole (3)	1. One day National level Seminar cum workshop on "Art of Perfume & Soap Making" (Skill development and self employment) Shri R.L.T. College of Science, Akola.	National Workshop	8th Sept. 2018
			2. One day workshop on "Cyber Crime and Women safety" Shri R.L.T. College of Science, Akola	District	20 July, 2018
			3. State level seminar on "My Health My Responsibility : Complementary to Medicine & Health Care" Shri R.L.T. College of Science, Akola	State Level Seminar	28th Feb., 2019

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12	Botany	Mr. S.V. Madavi (1)	1. "Arts of perfume and soap making" organized by Dept. of Chemistry, Shri RLT College of Science, Akola.	National	8th Sept. 2018
			2. "My Health My Responsibility : Complementary to medicine and Health Care" Organised by Dept. of Microbiology Shri R.L.T. College of Science, Akola	State Level Seminar	28th Feb., 2019
13	Physics	Mr. P.P. Gedam (3)	1. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola	National	8th Sept. 2018
			2. My health my responsibility : at Shri R.L.T. College of Science, Akola	State	28th Feb. 2019
			3. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola	University	12th March, 2019
14	Physics	Dr. R.M. Agrawal (4)	1. Recent Advanced in Science and Technology" at Gopikabai Sitaram Gawande College, Umardhed	National	5-6 March, 2019
			2. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola	National	8th Sept. 2018
			3. My health my responsibility Shri R.L.T. College of Science, Akola	State	28th Feb. 2019
			4. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola	University	12th March, 2019
15	Physics	Mr. S.R. Jaiswal (3)	1. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola.	National	8th Sept. 2018
			2. My health my responsibility : at Shri R.L.T. College of Science, Akola	State	28th Feb. 2019
			3. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola.	University	12 Mar. 2019



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16	Mathematics	Dr.Ms. S.B. Tadam (1)	National Workshop on "Number Theory" at Shri Dr. R.G. Rathod Arts and Science College, Murtizapur Dist. Akola	National Level	19 <sup>th</sup> January 2019
17	Mathematics	Dr. S.L. Munde (1)	State Level Workshop on Soft Skills Training for Mathematical Sciences (Mathematical Practices Using ICT & Computational Tools). S.G.B.A.U. Amravati.	State level	15-16 March 2019
18	DPE	Dr. R.D. Chandrawanshi (3)	1. Art of Perfume & Soap Making (Skill development and self employment) at Shri R.L.T. College of Science, Akola.	National	8 <sup>th</sup> Sept. 2018
			2. My health my responsibility : at Shri R.L.T. College of Science, Akola	State	28 <sup>th</sup> Feb. 2019
			3. Seminar Competition on Topology at Shri R.L.T. College of Science, Akola	University	12 Mar. 2019

**4. AVISHKAR (RESEARCH FESTIVAL) UNIVERSITY LEVEL PARTICIPATION**

Sr. No.	Name of Student	Title of Project	Project Guide/ Supervisor	Date / Place
1	Ms. Kanchan Mangatani (PG-M.Sc.II, Micro)	A Study of Waste Management	Dr. H.S. Malpani	S.G.B. Amravati University, Amravati (26-27 Dec. 2018)
2	Ms. Shrutika Chandak (PG-M.Sc.II, Micro)	Production and optimization of Cynobacterial biofertilizer for saline belt of Vidarbha region		
3	Ms. Krashna Laddha (PG-M.Sc.II, Micro)	Production of plant growth promoter by using fermented extract of <i>Amaranthus spinosus</i> and Cow urine	Ms. S.N. Gawande	
4	Ms. Roshani Kadam (PG-M.Sc.I, Micro)	To Study antimicrobial efficacy of Pumpkin & its phytochemical activity against enteric pathogen		
5	Ms. Vasundhara N. Dutonde (UG-B.Sc.III)	Relative Study of Biodiesel Preparation From Virgin And Waste Vegetable Oil.	Dr. P.P. Deohate	

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6	<b>Mr. Balraj B. Khurania</b> (UG-B.Sc.III)	Assessment of Ground Water Quality of Some Village In Akola District For Irrigation.	<b>Dr. P.P. Deohate</b>	
7	<b>Ms. Yoshita Veera</b> (UG-B.Sc.III)	Dust control settler	<b>Mr. S.R. Jaiswal</b>	
8	<b>Mr. Nagorao Fulkar</b> (UG-B.Sc.III)	Spoil oil control mechanism model	<b>Mr. P.P. Gedam</b>	

**5. AVISHKAR (RESEARCH FESTIVAL) STATE LEVEL PARTICIPATION**

Sr. No.	Name of Student	Title of Project	Project Guide/ Supervisor	Date and Place
1	<b>Ms. Kanchan Mangatani</b>	A Study of Waste management	<b>Dr. H.S. Malpani</b>	Gondwana University, Gadchiroli. (15 To 18 Jan. 2018)
2	<b>Ms. Vasundhara N. Dutonde</b>	Relative Study of Biodiesel Preparation From Virgin And Waste Vegetable Oil.	<b>Dr. P.P. Deohate</b>	

**6. Ph.D WORK (AWARD / REGISTRATION)**

Sr. No.	Department	Name of Researcher	Title of Ph.D. Thesis	University	Project Guide/ Supervisor
1	<b>Microbiology</b>	<b>Ms. Purnima Chitlange</b>	Screening of bioactive compounds. Anti dermatophytic activity	S.G.B. Amravati University 29/9/2108	<b>Dr. V.D. Nanoty</b>
2	<b>Chemistry</b>	<b>Ms. Ketki D. Bansod</b>	Synthesis of Analogues of Polor Flavonoid of Isolated from Some Phyllanthus Plants And Studies of their Antioxidant Proprties.	S.G.B. Amravati University, Amravati 16/5/2019	<b>Dr. P.P. Deohate</b>
3	<b>Chemistry</b>	<b>Ms. Kalpana A. Palaspagar</b> (Ongoing)	Synthesis And Anti microbial Study of Some Novel Pyrimidine Linke Five And Six Membered Hetrocyclic System.	S.G.B. Amravati University, Amaravati.	<b>Dr. P.P. Deohate</b>
4	<b>Mathematics</b>	<b>Ms. S.B. Tadam</b>	Study of Uniform Continuous Spaces And Compactness Related Concept In Uniform Spaces And Proximity Spaces.	S.G.B. Amravati University, Amaravati.	<b>Dr. S.M. Padhye</b>
5	<b>Mathematics</b>	<b>Ms. Priti P. Umkar</b>	Study of Uniformizable Topological Spaces And Its Relation To Compactness in Uniform And Proximity Spaces.	S.G.B. Amravati University, Amaravati.	<b>Dr. S.M. Padhye</b>



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6	Mathematics	Ms. R.D. Nannaware	Properties of Spectral Operators on Different Linear Spaces	S.G.B. Amravati University, Amaravati.	Dr. S.M. Padhye
7	Botany	Dr. P.M. Khadse	"Phytochemical Analysis and Anatomical Study of Some Unknown Medicinal Plants Used in Diabetes". Awarded on 17/07/2018	S.G.B. Amravati University, Amravati	Dr. V.R. Deshmukh

**7. UNIVERSITY / STATE / NATIONAL LEVEL SEMINAR, WORKSHOP OR RESEARCH RELATED ACTIVITY CARRIED OUT BY DEPARTMENT.**

Sr. No.	Department	Seminar, Workshop/ Research Related Activity	University / State/ National Level	Date
1.	Chemistry	National Level workshop Cum seminar on Art of Perfume & Soap making.	National Level	08.09.2018
2	Microbiology	State level Seminar on My Health My responsibility: complementary to medicine and Health care and Teachers workshop on Teaching constraints in Microbiology and Allied sciences.	State Level	28.02.2019
3.	Mathematics	University Level Seminar Competition for P.G. Students	University Level	12.03.2019

**8. ORIENTATION/ REFRESHER AND SHORT TERM COURSE**

Sr.	Name of Attendee	Name of the Courses	Place	Duration	Sponsoring Agency
1	Dr. H.S. Malpani	University and P.G. College M.Sc. Teachers Training Program in Biology/ Life Science Equivalent to Refresher Course	Centre of Excellence in Science and Mathematics education. Indian Institute of Sciences, Challakere Campus at Kudapura Chitradurga (Karnataka)	21 Days	Pandit Madan Mohan Malviya National Mission on Teachers and teaching, HRD, Govt. of India.
2	Dr. P.P. Deohate	Short Term Course in Environment Conservation	UGC-HRDC, S.G.B. Amaravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
3.	Dr. P.T. Agrawal	Short Term Course In Environment Conservation	UGC-HRDC, S.G.B. Amaravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
4.	Mr. S.C. Zyate	Orientation Programme	UGC-HRDC, Kumaun University Nainital, Uttarakhand.	01.03.2019 To 30.03.2019	UGC-HRDC New Delhi



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5.	<b>Dr. K.M. Heda</b>	Online Refresher Course Innovation and Best Practices	Swayam	40 Weeks Nov. 2018 to Mar.2019	UGC-HRDC
6	<b>Dr. S.M. Nagrale</b>	Short Term Course In Environment Conservation	UGC-HRDC, S.G.B. Amaravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
7	<b>Dr. A.S. Sawarkar</b>	Short Term Course In Environment Conservation	UGC-HRDC, S.G.B.U. Amaravati University, Amravati.	09.10.2018 To 14.10.2018	UGC-HRDC New Delhi
8	<b>Mr. P.P. Gedam</b>	MOOC in "Solid State Physics"	IIT, Kharagpur	12 Week	Ministry of HRD, Govt. of India.
9	<b>Dr. R.M. Agrawal</b>	Train the Trainer Programme	Faculty Development Cell, Sant Gadge Baba Amravati University, Amravati	29 Oct.2018 to 3 <sup>rd</sup> Nov. 2018	SGB Amravati University
10	<b>Mr. R.B. Ghayalkar</b>	Online Refresher Course Biomedical Image Processing	Swayam	16 week	UGC-HRDC New Delhi
11	<b>Mr. R.D. Chaudhari</b>	Train the Trainer Programme	Faculty Development Cell, Sant Gadge Baba Amravati University, Amravati	29 Oct.2018 to 3 <sup>rd</sup> Nov. 2018	SGB Amravati University
		Online Refresher Course Innovation and Best Practices.	Swayam	40 Weeks Nov.2018 to Mar. 2019	UGC -HRDC
12	<b>Dr. S.B. Tadam</b>	5 <sup>th</sup> Refresher Course in Mathematics and Statistics (CORE) 2018-19	UGC-Human Resource Development Center Devi Ahilya Vishwavidyalaya, Indore	27 <sup>th</sup> July to 16 <sup>th</sup> August, 2018	UGC-Human Resource Development Center
13	<b>Mrs. V.N. Badgujar</b>	Refresher Course in Life Sciences	SGB Amaravati University, Amaravati	20/08/2018 to 12/08/2018	UGC-Human Resource Development Center
14	<b>Dr. P.M. Khadse</b>	Refresher Course in Life Sciences	Academic Staff College, HRDC, RTM Nagpur University, Nagpur	17/09/2018 to 07/10/2018	UGC-Human Resource Development Center

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**9. RESOURCE PERSON**

Sr.	Department	Name of Resource Person	Key Note Address/ Invite Talk	Name of Institute/ Place	Date
1	Microbiology	Dr. V.D. Nanoty	Invited Talk	One Day National Conference on New Methodology of NAAC assessment to Nurture Quality enhancement in Higher educational Institution. Smt. L.R.T. College of Commerce, Akola	29 <sup>th</sup> Sept. 2018
			Invited Talk	Purna State level Leadership Development program SGB Amravati University, Amravati	23 <sup>rd</sup> -27 <sup>th</sup> Feb. 2019
			Resource Person	State level seminar on Frontiers in Microbiology & Annual Microbiology's Meet 2018, At HPT Arts and RYK Science College, Nashik.	20-21 Oct. 2018
2	Chemistry	Dr. P.P. Deohate	Guest Lecture on Stereochemistry	Arts Commerce & Science College Arvi, Wardha	21.10.2018
3	Chemistry	Mr. V.D. Deotale	Guest Lecture on Constitution of India	Shri R.L.T. College of Science Akola	26.11.2018
			Guest Lecture on Constitution of India	Shri R.L.T. College of Science NSS Camp.	18.12.2018
4	Zoology	Dr. A.S. Sawarkar	Stapes for Successful Projects	EUREKA, one day work shop, Shri R.L.T.College of Science, Akola	13/03/2019
5	Physics	Dr. R.M. Agrawal	"Time Management"	Four Day Workshop on Skill Development Programme. Shri R.L.T. College of Science, Akola	22 <sup>nd</sup> March to 25 <sup>th</sup> March 2019
6	Physics	Mr. S.R. Jaiswal	Know Our Universe	EUREKA, one day work shop, Shri R.L.T. College of Science, Akola	13/03/2019
			'THE COSMOS'	Shri R.L.T. College of Science, NSS Camp at Apoti Khurd.	18/12/2018
7	Computer Science	Mr. R.B. Ghayalkar	Guest Lecture on Operating System For B.Sc.Forensics	Shri Shivaji College, Akola	20-03-2019

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8	Department of Sports & Physical Ed.	Dr. R.D. Chandrawanshi	Invited Talk	International Conference on Recent Trends in Commerce and Humanities Mahajan College of Technology & Smt. N.W. Arts College, Yavatmal	23 <sup>rd</sup> & 24 <sup>th</sup> March 2019
9	Mathematics	Dr. S.L. Munde	Invited Talk	UGC-Human Resource Development Center S.G.B.A.U. Amravati	14.12.18

**10. RESEARCH AWARDS**

Sr. No.	Department	Name of	Research Person	Name of Institute/ Awards	Date Place
1	Zoology	Dr. A.S. Sawarkar	Second Prize in Poster paper Presentation	International Conference on "Multifunctional Advanced Materials", at Kamla Nehru Mahavidyalaya & Dharampeth M.P. Deo Memorial Sci. College, Nagpur.	5-7 Oct. 2018
2	Zoology	Dr. R.P. Joshi Sawalkar	Third Prize in Oral Paper Presentation	National Conference on "Recent Trends in Life Sciences for Sustainable Development" at SGB Amravati University Amravati.	22-23 Jan. 2019

**11. MoU OF DEPARTMENT**

Sr. No.	Name of Department	Collaboration with (Institute/ organization)	Department / College	Duration
1	Computer Science	1. MICROSPECTRA SOFTWARE TECHNOLOGIES PVT. LTD 2. SPECTRAMIND WEB HOSTING SOLUTION PVT. LTD 3. VIBRANTMIND DIGITAL MARKETING SOLUTION PVT. LTD	College Level	09/04/2019 to 09/04/2024

**Dr. Sushil M. Nagrale**  
Chairman  
Research Committee