

Sr. No.	Title of Paper	Name of Author/s	Department of the teacher
Academic Year: 2016-17			
1	Management of retinoblastoma: opportunities and challenges	D. V. Bhavsar	Botany
2	Multi-functional nanoparticles as theranostic agents for the treatment & imaging of pancreatic cancer	D. V. Bhavsar	Botany
3	The development of A urea biosensor based on BSA embedded surface modified PANI/2AP composite film	V. K. Gade	Physics
4	Synthesis of Bis indole using Novel Clay Catalyst	I. B. Shaikh	Chemistry
5	Synthesis of Bis indole using Novel Clay Catalyst	S. B. Pawar	Chemistry
6	Synthesis of Bis indole using Novel Clay Catalyst	M. F. Shaikh	Chemistry
7	A novel clay catalyst: N-Acylation of Aniline	I. B. Shaikh	Chemistry
8	A novel clay catalyst: N-Acylation of Aniline	S. B. Pawar	Chemistry
9	A novel clay catalyst: N-Acylation of Aniline	M. F. Shaikh	Chemistry
10	Fly ash supported on pot synthesis of 1(2-Hydroxyl phenyl) 3(-Furyl-2yl-1-Phenyl-1H-Pyrazol-4-yl) 2-Propen-1-ones using microwave irradiation method,	A.B. Gambhire	Chemistry
11	Fly ash supported on pot synthesis of 1(2-Hydroxyl phenyl) 3(-Furyl-2yl-1-Phenyl-1H-Pyrazol-4-yl) 2-Propen-1-ones using microwave irradiation method,	M. F. Shaikh	Chemistry
12	Fly ash supported on pot synthesis of 1(2-Hydroxyl phenyl) 3(-Furyl-2yl-1-Phenyl-1H-Pyrazol-4-yl) 2-Propen-1-ones using microwave irradiation method,	S. B. Pawar	Chemistry
13	Application of Novel Clay catalyst for the Synthesis of bis-indole derivatives from 2-phenyl-1-H- indole	I. B. Shaikh	Chemistry
14	Application of Novel Clay catalyst for the Synthesis of bis-indole derivatives from 2-phenyl-1-H- indole	M. F. Shaikh	Chemistry
15	'Nano-in-nano' hybrid liposomes increase target specificity and gene silencing efficiency in breast cancer induced SCID mice	D. V. Bhavsar	Botany
16	Characterization of early mutant chickpea	J. D. Barshile	Botany
17	Investigation on effect of LiCl doping on optical properties of L-arginine acetate single crystal	A.B. Gambhire	Chemistry
18	Polyaniline-CdS nanocomposite/GOx matrix	A.B. Gambhire,	Chemistry

	modified optical fiber based biosensor for glucose detection		
19	Web 2.0 tools in Libraries	A.H. Vaidya	Library & Inf. Science, Dept.
20	New Dimension in Library Management	A.H. Vaidya	Library & Inf. Science, Dept.
21	Sahityachya samajik drushtikoanache swarup	S. Sable	Marathi
22	Library Marketing and Change Perception	A.H. Vaidya	Library & Inf. Science, Dept.
23	Marathi sahitya ani manasshastra	A.Mahajan	Marathi
24	Creatinine biosensor based on graphite paste electrode modified with dibenzo-30-crown- 10 and rice husk	V.K. Gade,	Physics
Academic Year: 2017-18			
25	Amperometric detection of cholesterol by nanocomposite graphite paste electrode.A Comparative Study.	V. K. Gade	Physics
26	Amperometric detection of cholesterol by nanocomposite graphite paste electrode.A Comparative Study.	A. B. Pawase	Physics
27	Synthesis of Polyaniline Based Nanocomposite Graphite Paste Electrode Modified with and Without Rice Husk for Sensor Application: A Comparative Study.	V.K. Gade	Physics
28	Amperometric detection of cholesterol by nanocomposite graphite paste electrode	V. K. Gade	Physics
29	Effect of eight weeks aerobic exercises on physical and physiological variables among college men	D. B. Bangar	Physical education and sports
30	Yoga effect on sports performance	D. B. Bangar	Physical education and sports
31	Amperometric Detection of Urea by PANI and Ppy based on Nanocomposite Graphite Paste Electrode Modified with AgNO ₃ NPs	V.K. Gade	Physics
32	Synthesis of PANI based nanocomposite graphite paste electrode modified with and without Ag nano Particles for sensor application a comparative study	V.K. Gade	Physics
33	Studies on lipid content and distribution pattern in edible crab, Barytelphusa cunicularis in relation to reproduction	B. R. Ghorpade	Zoology
34	Study of Influence for Various Parameters to Electro-chemical Synthesis of Polyaniline Thin Film by Galvanostatic Method	V.K. Gade	Physics
35	Comparative Study of non-linear optical properties of Glycine and L-Alanine dope Zinc tris Thiourea Sulfate single crystal	N. R.Dhumane	Physics

36	Structural, Thermal and Optical Characterization of Semiorganic NLO material BTSCCDS	S. B. Kalokhe	Physics
37	Structural, Thermal and Optical Characterization of Semiorganic NLO material BTSCCDS	N. R.Dhumane	Physics
38	Characterization of Bold seed mutant in chickpea cultivar vijay	J. D. Barshile	Botany
39	Evaluation of Antibacterial and Antifungal Properties of the Bis-indole, Derivatives Synthesized by using Novel Clay Catalyst	I. B. Shaikh	Chemistry
40	Study of Antimicrobial and Antifungal Activity of the Bis-Indole Derivatives of 2-Phenyl-1-H-Indole	I. B. Shaikh	Chemistry
41	Solar photoatalytic degradation of Rhodamine B using co-doped TiO ₂ nanoparticles	A.B. Gambhire	Chemistry
42	Solar photoatalytic degradation of Rhodamine B using co-doped TiO ₂ nanoparticles	S. B. Kalokhe	Chemistry
43	Synthesis of some chlorinated Pyrazolyl Compounds by Non-Conventional Method	S. K. Narwade	Chemistry
44	Synthesis of some chlorinated Pyrazolyl Compounds by Non-Conventional Method	B. Y. Pagare	Chemistry
45	Librarianship in the Internet Age	A.H. Vaidya	Library & Inf. Science, Dept.
46	Digital Libraries and Search Engines	A.H. Vaidya	Library & Inf. Science, Dept.
47	Maharaja Sayajirao Gaikwad Yanchi Grathalaya Chalwal	A.Mahajan	Marathi
48	The Fabrication of Composite Graphite-PANI-AgNO ₃ particle based Urea Bio-Sensor	V.K. Gade	Physics
49	Synthesis of Polyaniline Based Nanocomposite Graphite Paste Electrode Modified With and Without Silver Nanoparticles for Sensor Application: A Comparative Study	V.K. Gade	Physics
Academic Year: 2018-19			
50	Micropropagation of chickpea from shoot tip and node segment	J. D. Barshile	Botany
51	Synthesis and Characterization of Polyaniline Film by K ₂ Cr ₂ O ₇ , K ₂ CrO ₄ and FeCl ₃ a Comparative Study	V. K. Gade	Physics
52	Amperometric Detection of Urea by Polyaniline and Poly(O-anisidine) Film under Galvanostatic Method: A Comparative Study	V. K. Gade	Physics
53	Electrochemical Synthesis and Characterization of aniline by K ₂ Cr ₂ O ₇ as an oxidant and H ₂ So ₄ as a Dopant	V. K. Gade	Physics

54	Synthesis of poly o-anisidine based sensor for amperometric detection of pesticide carbaryl	V. K. Gade	Physics
55	Evaluation of Antimicrobial and Antifungal properties of 3-(1H-Indol-3-YL)(1,3-Dipheynyle.1HPyrazol-4-YL) Methyl)- 1 H Indole Synthesized using Novel Clay Catalyst	I. B. Shaikh	Chemistry
56	Evaluation of Antimicrobial and Antifungal properties of 3-(1H-Indol-3-YL)(1,3-Dipheynyle.1HPyrazol-4-YL) Methyl)- 1 H Indole Synthesized using Novel Clay Catalyst	S. B. Pawar	Chemistry
57	Antitubercular evaluations of pyrazolyl Bis-indolyl methane synthesized by using novel clay catalyst	I. B. Shaikh	Chemistry
58	Antitubercular evaluations of pyrazolyl Bis-indolyl methane synthesized by using novel clay catalyst	M.F. Shaikh	Chemistry
59	Antitubercular evaluations of pyrazolyl Bis-indolyl methane synthesized by using novel clay catalyst	S. B. Paware	Chemistry
60	probing the effect of selenium substitution in kesterite-Cu ₂ ZnSnS ₄ nanocrystals prepared by hot injection method	A. B. Bhorde	Physics
61	Excellent Response and Recovery Time of Photo-Detectors Based on Nc-Si: H Films Grown by Using Hot Wire Method	A. B. Bhorde	Physics
62	Synthesis and characterization of co-doped fly ash catalyst for chalcone synthesis	A.B. Gambhire	Chemistry
63	Optical and structural properties of Dy ₂ O ₃ doped aluminum zinc borate glasses	A.B. Gambhire	Chemistry
64	Synthesis, characterization and photocatalytic activity of active carbon/ZnO nanocomposites using solar light	A.B. Gambhire	Chemistry
65	Cadmium sulphide loaded activated carbon an efficient solar light driven photocatalyst for Rhodamine -B dye degradation	A.B. Gambhire	Chemistry
66	Nanocrystalline B/C/S-doped ZnO-SnO ₂ Photocatalysts: Preparation, Characterization and Photocatalytic Performance	A.B. Gambhire	Chemistry
67	Evaluation of antimicrobial and antifungal properties of 3-((1h-indol-3-Yl)(1,3-diphenyl-1h-pyrazol-4-yl)methyl)-1h-indole synthesized using novelClay catalyst	I. B. Shaikh	Chemistry
68	Evaluation of antimicrobial and antifungal properties of 3-((1h-indol-3-Yl)(1,3-diphenyl-1h-pyrazol-4-yl)methyl)-1h-indole synthesized	S. B. Pawar	Chemistry

	using novel Clay catalyst		
69	Antitubercular Evaluations of Pyrazolyl Bis Indolyl Methane Synthesized by Using Novel Clay Catalyst	I. B. Shaikh	Chemistry
70	Antitubercular Evaluations of Pyrazolyl Bis Indolyl Methane Synthesized by Using Novel Clay Catalyst	S. B.Pawar	Chemistry
71	Antitubercular Evaluations of Pyrazolyl Bis Indolyl Methane Synthesized by Using Novel Clay Catalyst	M. F. Shaikh	Chemistry
72	Amperometric detection of carbafuran by graphite paste electrode modified with silver nanoparticles ($AgNO_3$)	V. K. Gade	Physics
73	Social networking for academic lobbies	A.H. Vaidya	Library Science
74	Development and MPD sensing study of fabire optic POA/GOX modified biosensor for the detection of glucose	A.B. Gambhire	Chemistry
75	Room temperature synthesis of transparent and conducting indium tin oxide films with high mobility and figure of merit by RF-magnetron sputtering	A. B. Bhorde	Physics
76	Synthesis of pyrazol Bis-indolyl methane and its derivatives using novel clay catalyst	I. B. Shaikh	Chemistry
Academic Year: 2019-20			
77	Co-doped SnO_2 supported on activated carbon: an efficient solar photocatalyst for the degradation of Rhodamine-B	A.B. Gambhire	Chemistry
78	Nucleic acid content in different tissues of fresh water crab barytelphusa guerini in relation to reproduction	B. R. Ghorpade	Zoology
79	Soft annealing effect on the properties of sputter grown Cu_2ZnSnS_4 (CZTS) thin films for solar cell applications	A. B. Bhorde	Physics
80	Synthesis and characterization of inorganic $K_3Bi_2I_9$ perovskite thin films for lead-free solution processed solar cells	A. B. Bhorde	Physics
81	Environmentally stable lead-free cesium bismuth iodide ($Cs_3Bi_2I_9$) perovskite: Synthesis to solar cell application	A. B. Bhorde	Physics
82	(400)-Oriented indium tin oxide thin films with high mobility and figure of merit prepared by radio frequency magnetron sputtering	A. B. Bhorde	Physics
83	Highly stable and Pb-free bismuth-based perovskites for photodetector applications	A. B. Bhorde	Physics
84	Binding of methyl viologen and its radical to p-sulphonatocalix[4]arane	J. K. Khedkar	Chemistry

85	Binding of methyl viologen and its radical to p-sulphonatocalix[4]arane	M.F.Shaikh	Chemistry
86	Micropropagation of medicinal plant plectranthus barbatus	J. D. Barshile	Botany
87	Analytical Detection of Paraoxon using acetelyne cholinesterase as an enzyme of polyaniline/ferric chloride composite film by potentiostatic method	V. K. Gade	Physics
88	Synthesis and characterization of various doped TiO ₂ nanocrystal for Dye sensitized solar cell	A. B. Bhorde	Physics
89	Amorphous-to-Nanocrystalline Transition in Silicon Thin Films by Hydrogen Diluted Silane Using PE-CVD Method	A. B. Bhorde	Physics
90	Role of Deposition Pressure on Properties of Phosphorus Doped Hydrogenated Nano-Crystalline Silicon (nc-Si: H) Thin Films Prepared by the Cat-CVD Method	A. B. Bhorde	Physics
91	Structural, Electronic, and Optical Properties of Lead-Free Halide Double Perovskite Rb ₂ AgBiI ₆ : A Combined Experimental and DFT Study	A. B. Bhorde	Physics
92	2D alignment of zinc oxide@ ZIF8 nanocrystals for photoelectrochemical water splitting	A. B. Bhorde	Physics
93	Single-step Electrochemical Deposition of CZTS Thin Films with Enhanced Photoactivity	A. B. Bhorde	Physics
94	Effect of phosphine gas conditions on structural, optical and electrical properties of Nc-Si: H films deposited by cat-CVD method	A. B. Bhorde	Physics
95	Structural , electrical and magnetic properties of substituted pyrochrol oxide nanoparticles synthesized by the co-precipitation method	P. A. Nagwade	Chemistry
96	Granthalay Chalwal	A.Mahajan	Marathi
97	Studies on SHG efficiency of 1 mole % L-Alanine doped ZTS and BTCC single crystal	N. R. Dhumane	Physics
98	Studies on histological changes in ovary and breeding behaviour of the fresh water crab, Barytelphusaa Cunicularis (Decapoda:Brachyura)	B. R. Ghorpade	Zoology
99	Studies on biochemical changes in gonads and hepatopancreas during reproductivity in fresh water Crab Barytelphusa Guerini	B. R. Ghorpade	Zoology
100	Studies on some reproductive aspects and gondal maturation in fresh water Crab, Barytelphusa Guerini	B. R. Ghorpade	Zoology
101	Analytical Detection of Paraoxon using acetelyne cholinesterase as an enzyme of polyaniline/ferric chloride composite film by potentiostatic method	V. K. Gade	Physics