

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - hindex of the Institution

Sr. No.	Title of the Paper	Name of Author	Department	Title of the Journal	Year of Publication	Citation Index (no. of citation of that paper)	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation of that paper	h-index of the Author	Impact factor of the Journal
2017										
1	Arthik vikaasat mahilancha saksham sahbhag	Surekha Rongate	Economics	Research Journey: Multidisciplinary International E-research Journal.	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
2	Impact of Demonitisation on Indian Economy	Nirmala Talape	Economics	International Journal of Multifaceted and Multilingual Studies	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
3	A Study of Feminist Ethical Dimensions with reference to Lei	Sujata Bamane	English	Advances in Social Sciences Research Journal, United Kingdom	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
4	Local Voices, Global Echoes	Chitra Sreedharan	English	Journal of Higher Education and Research Society.	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
5	Subalternity as Opposition Without Identity	Chetan Sonawane	English	Research Journey	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil

6	The Idea of Kingship in Shakespearean Tragedy	Madhuri Gokhale	English	Langlit	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
7	Electronic evam print media mein Hindi ki bhumika (एलेक्टानिक एवं प्रिंट मीडिया में हिंदी की भूमिका)	Santosh Dhotre	Hindi	National Journal of Hindi & Sanskrit Research, Delhi	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
8	Farsi Rangmanch ka yogdaan (पारसी रंगमंच का योगदान)	Jayram Gadekar	Hindi	National Journal of Hindi & Sanskrit Research, Delhi	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
9	Mohan Rakesh ke naatkon mein drushya bandha yojana (मोहन राकेश के नाटकों में दृश्यबंध योजना)	Jayram Gadekar	Hindi	Shodh Disha Bijnor (U.P)	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
10	SahityaNirmiti Ani Sameeksheteel Roopvadache kahi vishesh (साहित्यनिर्मिती आणि समीक्षेतील)	सिद्धार्थ आगळे (Siddharth Agale)	Marathi	Power of Knowledge	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
11	Daya Pawarancha 'Vital' Kathasangrah - Ek Moolyamapan (दया पवारंचा 'विटाळ' कथासंग्रह -	सिद्धार्थ आगळे (Siddharth Agale)	Marathi	Power of Knowledge	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil

12	Ramakantachya Athavane : Ek Lakshavedhak atmakathan (रमाकांतच्या आठवणी' : एक लक्षवेधक	सिद्धार्थ आगळे (Siddharth Agale)	Marathi	Power of Knowledge	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
13	Bhashechya Vikasabaddal Bolu Kahee (भाषेच्या विकासाबद्दल बोलू काही)	आनन्द काटीकर (Anand Katikar)	Marathi	Marathi Abhyas Parishad Patrika : Bhasha Ani Jeevan (मराठी अभ्यास परिषद पत्रिका भाषा आणि जीवन)	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
14	Positivity: An antidote to Health Problems	Shobhana Abhyankar Megha Deuskar	Psychology	International Journal of Indian Psychology	2017	2	Fergusson College, Pune	2	4	5.857
15	The Buddhist Psychology: The 360 degree model of Karuna(Compassion) developed from Buddhist	Rangari, V.P Mehta, K.	Psychology	Indian Journal of Positive Psychology	2017	1	Department of Psychology, University of Delhi, Delhi, India	1	0	5.857
16	Identification and functionality prediction of Cytokines	Gayatri Gurjar	Biotechnology	PROTEINS- Structure, Function, Bioinformatics	2017	3	Fergusson College, Pune	3	6	4.088
17	Fusarium oxysporum interaction transcriptome	Gayatri Gurjar	Biotechnology	Scientific Reports	2017	15	CSIR-National Chemical Laboratory, Pune	15	6	4.996

18	Gamma Rays and EMS Induced flower colour mutations in Grasspea (<i>Lathyrus sativus</i> Linn.)	Kamezani Pegah, Siavoshi Morteza, Anil More, Mahmoubeh Elshakibi	Botany	Journal of Agricultural Science	2017	Nil	Fergusson College, Pune	3	6	Nil
19	Induction of macro mutations in Cluster bean (<i>Cymopsis tetragonabola</i> 9L.)	Manisha Shinde and Anil More	Botany	International Journal of Scientific Research	2017	Nil	Fergusson College, Pune	Nil	6	Nil
20	Study of aeromycoflora by pour plate method	Minakshi Mahajan	Botany	International Journal of Research in Bioscience and Agriculture Technology	2017	Nil	Fergusson College, Pune	Nil	3	Nil
21	Bio-deteriorating Fungi	Minakshi Mahajan and Patil R.	Botany	International Journal of Research in Bioscience and Agriculture Technology	2017	Nil	Fergusson College, Pune	Nil	3	Nil
22	Frequency, Abundance and Density of plant species by list count quadrat	Minakshi Mahajan and Sumia Fatima	Botany	Epitome: International Journal of Multidisciplinary Research	2017	19	Fergusson College, Pune	19	3	Nil
23	Water conservation in sacred groves.	Minakshi Mahajan and Sumia Fatima	Botany	Epitome: International Journal of Multidisciplinary Research	2017	Nil	Fergusson College, Pune	Nil	3	Nil

24	Nutritional and antioxidants status of Averrhoa Carambola Linn.	Rajendra Patil and Minakshi Mahajan	Botany	International Journal of Researchs in Biosciences , Agriculture and Technology	2017	Nil	Fergusson College, Pune	Nil	3	Nil
25	Vitamin C of some unusual leafy vegetables	Minakshi Mahajan and Rajendra Patil	Botany	International Journal of Researchs in Biosciences , Agriculture and Technology	2017	Nil	Fergusson College, Pune	Nil	3	Nil
26	Role of fungi in sacred groves.	Minakshi Mahajan and Rajendra Patil	Botany	International Journal of Researchs in Biosciences, Agriculture and Technology	2017	Nil	Fergusson College, Pune	Nil	3	Nil
27	Report on aero-algal form from Konkan Coastal area	Jogita Pandkar	Botany	Annals of Plant Sciences	2017	Nil	Fergusson College, Pune	Nil	2	Nil
28	Synthesis, Characterization and Evaluation of Biological Activity of Mn-Fe tartrate Complexes	Shridhar M. Vhankate, V. B. Tadke, S. S. Pawar, Rajendra Pawar, Neeta Dhawale	Chemistry	Journal of Advance Research in Science and Engineering	2017	Nil	Fergusson College, Pune	Nil	3	Nil

29	One Pot Synthesis and Biological Evaluation of Pyranopyrazole in Aqueous Medium”	Pritya M. Khandare, Rajita D. Ingale, Aparna S. Taware, Suresh U. Shisodia, Shankar S. Pawar, Leezle	Chemistry	European Chemical Bulletin	2017	3	Fergusson College, Pune	3	3	Nil
30	Agnihotra technology in the perspectives of modern science – A review	Pranay Abhang and Girish Pathade	Environmental Science	Indian Journal of Traditional Knowledge	2017	11	Fergusson College, Pune	11	4	Nil
31	Deccan Plateau uplift: insights from the Western Uplands, Maharashtra, India. In Eds: Mukherjee, S., Misra, A., Calves, G. and Nemcok.	Kale V.S Dole G. Upasani D. Patil Pillai S.	Geology	Geological Society of London Special Publication	2017	27	Fergusson College, Pune	27	4	3.28
32	Triggering of the largest Deccan eruptions by the Chicxulub impact: Comment.	Gauri Dole Shilpa Patil Pillai Devdutt Upasani Vivek S. Kale	Geology	Geological Society of America Bulletin	2017	8	Fergusson College, Pune	8	4	4.12

33	Synthesis of Ag doped SnO ₂ thin films for the evaluation of H ₂ S gas sensing properties	Pankaj S. Kolhe Pankaj M. Koinkar Namita Maiti Kishor M. Sopawane N.T.	Physics	Physica B: Condensed matter	2017	64	Fergusson College, Pune	60	6	2.98
34	Thermoluminescence studies of CaSO ₄ : Eu nanophosphor for electron dosimetry	Mandlik, Mahesh S. Bhadane S.S. Dahiwalé K.R. Sature B.J. Patil V.N. Bhoraskar Shanaji P.	Physics	Indian Journal of Pure and Applied Physics	2017	10	Fergusson College, Pune	7	8	0.84
35	Enhanced magnetostrictive properties of nanocrystalline Dy ³⁺ substituted Fe-rich Co _{0.8} Fe _{2.2} O ₄ for sensor applications	Kharat Roy Swadipta R. C. Kambale Y. D. Kolakar	Physics	Journal of Applied Physics	2017	5	Savitribai Phule Pune University, Pune	4	2	2.87
36	Maternal Infant HIV transmission with Lag Time Distributions Exponential, Geometric and Weibull	Subhash Shende	Statistics	Neural, Parallel & Scientific computations	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
37	Extended inverse Weibull Software Reliability Growth Model	Nileema Bhalerao	Statistics	IATQR transactions Journal of Indian Association for Productivity, Quality and Reliability	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil

38	Determination of rate of Shell Accretion in Pesticide Induced Fresh water Bivaleve,	Pramod Phirke S.P. Zambare	Zoology	International Journal of Trend in Scientific Research and Development	2017	Nil	Fergusson College, Pune	Nil	Nil	Nil
39	The studies on protein changes in liver and muscle of the catfish, <i>Clarius gariepinus</i> (burchell, 1822) exposed to sub-lethal	N. E. Chandanshive, Antara Mali, Kranti Meher and Harshita Rana,	Zoology	International Research Journal of Natural and Applied Sciences	2017	Nil	Fergusson College, Pune	Nil	6	Nil
40	Critical Toxicity Bioassays of Mercuric Chloride on the freshwater fish <i>Clarius gariepinus</i>	N.E. Chandanshive	Zoology	International Research Journal of Natural and Applied Sciences	2017	Nil	Fergusson College, Pune	Nil	6	Nil
41	Comparative studies on evaluation of fecundity and gonadosomatic index of three bony fishes <i>Clarius garpiens</i> (Burchell, 1822)	N.E. Chandanshive	Zoology	International Research Journal of Natural and Applied Sciences	2017	Nil	Fergusson College, Pune	Nil	6	Nil

2018

1	A Notion of 'Altruistic Filicide' as Depicted in Nayomi	Sujata Bamane	English	The Atlantic Literary Review	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
2	A Notion of 'Altruistic Filicide' as Depicted in Nayomi	Madhuri Gokhale	English	Contemporary Research in India	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
3	A Notion of 'Altruistic Filicide' as Depicted in Nayomi	Anita Jigjinni	English	Asian Journal of English Studies	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
4	A Notion of 'Altruistic Filicide' as Depicted in Nayomi Munaweera's	Pravin Shinde	Geography	International Journal of Scientific Research in Science & Technology	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
5	A Notion of 'Altruistic Filicide' as Depicted in Nayomi Munaweera's	Santosh Dhotre	Hindi	Printing Area International Interdisciplinary Research Journal in Marathi, Hindi and English Languages	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
6	Satti maiyya ka chaura aur saampradaayikta (सत्ती मैया का चौरा और सांप्रदायिकता)	Jayram Gadekar	Hindi	National Journal of Hindi & Sanskrit Research, Delhi	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil

7	Pradeshik Sahkarya aani Saarc Sanghatna	Santosh M. Ghuge	History	Vidyawarta International Multilingual Research Journal	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
8	सार्क संघटनेच्या पहिल्या पाच परिषदांचे यशापयश	Santosh M. Ghuge	History	Research Journey Special Issue	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
9	Sant Savatamani Yanchya Abhangancha Ashay (संत सावतामाळी यांच्या अभंगांचा आशय)	सिद्धार्थ आगळे (Siddharth Agale)	Marathi	Power of Knowledge	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
10	Savadh Aika Pudhalya Haka (सावध ऐका पुढल्या हाका)	आनन्द काटीकर (Anand Katikar)	Marathi	Marathi Abhyas Parishad Patrika : Bhasha Ani Jeevan (मराठी अभ्यास परिषद पत्रिका भाषा आणि जीवन)	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
11	Sanganakaache Marathikaran (संगणकाचे मराठीकरण)	आनन्द काटीकर (Anand Katikar)	Marathi	Marathi Abhyas Parishad Patrika : Bhasha Ani Jeevan (मराठी अभ्यास परिषद पत्रिका भाषा आणि जीवन)	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
12	Bold or beautiful? The duplicity of women protagonists in Indian	Prabhavalkar, P. & Deuskar, M.U.	Psychology	Journal of Psychosocial Research	2018	Nil	Fergusson College, Pune	Nil	4	Nil
13	Revisiting DNA barcoding in true bugs of the Infraorder Pentatomorpha (Hemiptera:	Gaurang Gowande Sanket Tembe	Biotechnology	Mitochondrial DNA part A	2018	2	Fergusson College, Pune	2	4	1.695

14	Analysis of the conserved NER helicases (XPB and XPD) and UV-induced DNA damage in <i>Utricularia</i>	Galande A. A. et. al	Biotechnology	BBA General Subjects	2018	3	Developmental Biology group, MACS-Agharkar Research Institute	3	11	4.117
15	First appearance deceives many: disentangling the <i>Hemidactylus triedrus</i> species complex using an	Mirza Z., Gowande G.G. et al.	Biotechnology	PeerJ PubMed 30083464 Biodiversity and Conservation section	2018	11	Fergusson College, Pune	11	8	3.061
16	Effect of Mutagens on Germination Percentage, Seedling Height and Seedling Injury in <i>M1</i>	Sonali Kamble and Anil More	Botany	International Journal of Science and Research	2018	Nil	Fergusson College, Pune	Nil	6	Nil
17	Rehekuri Wildlife Sanctuary: A Review	Minakshi Mahajan and Rajendra Patil	Botany	International Journal of Researches in Biosciences, Agriculture and Technology	2018	Nil	Fergusson College, Pune	Nil	6	Nil
18	Herbaceous flora of weeds growing at ARAI hill, Pune	Rajendra Patil and Minakshi Mahajan	Botany	International Journal of Researches in Biosciences, Agriculture and Technology	2018	Nil	Fergusson College, Pune	Nil	6	Nil
19	Impact of sacred groves on the environment	Minakshi Mahajan and Rajendra Patil	Botany	International Journal of Researches in Biosciences, Agriculture and Technology	2018	Nil	Fergusson College, Pune	Nil	6	Nil

20	Water vapour formation causing reversible aerodynamic effect on the	Jogita Pandkar	Botany	Annals of Plant Sciences	2018	Nil	Fergusson College, Pune	Nil	3	Nil
21	Effect of manipulated environmental condition on the distribution of	Jogita Pandkar	Botany	Current Botany	2018	Nil	Fergusson College, Pune	Nil	3	Nil
22	Assessment of salinity tolerance in tomato cultivars grown in Maharashtra	Rupali Seth	Botany	Annals of Plant Sciences	2018	Nil	Fergusson College, Pune	Nil	3	Nil
23	Aerobiological study of other biocomponents during kharif season over <i>Phaseolus vulgaris</i> L. crop	Vaishali Thakur	Botany	Advances in Plant Science	2018	Nil	Fergusson College, Pune	Nil	2	Nil
24	Aerobiological studies with special reference to airborne basidiospores of <i>Ganoderma</i> Karst. at Pune.	Vaishali Thakur	Botany	Annals of Plant Sciences	2018	Nil	Fergusson College, Pune	Nil	2	Nil

25	Nutritional and Environment aspect of Cowpea[Vigna unguiculata (L) Walp.]	B.S. Gaikwad and Anil More	Botany	International Journal of Researches in Biosciences, Agricultural and Technology	2018	Nil	Fergusson College, Pune	Nil	3	Nil
26	Biochemical study of dark green leaves and luxuriant mutants in Coriandrum Sativum Linn.	K.M. Salve and Anil More	Botany	International Journal of Researches in Biosciences, Agricultural and Technology	2018	Nil	Fergusson College, Pune	Nil	2	Nil
27	Plausible Reaction Path for Haval-Argade Contrathermodynamic Rearrangement in Synthesis of	Narayan P. Firke, Anil G. Markandeya, Rajendra S. Konde Deshmukh,	Chemistry	Asian Journal of Chemistry	2018	Nil	Fergusson College, Pune	Nil	2	Nil
28	Ceramide from Celocia argentea Leaves by LC-MS	Narayan P. Firke, Sunita A. Salunke-Gawali, Shirish S. Pingale, Anil	Chemistry	Internation Journal of Science and Engineering	2018	Nil	Fergusson College, Pune	Nil	3	Nil

29	Synthesis and Antibacterial Activity of Farinomalein and Its Analogues	Narayan P. Firke, Anil G. Markandeya, Rajendra S. Konde Deshmukh,	Chemistry	Asian Journal of Organic & Medicinal Chemistry	2018	Nil	Fergusson College, Pune	Nil	3	Nil
30	Observations on fragmentation pathway of farinomalein and its isomers by structural investigation	Narayan P. Firke, Anil G. Markandeya, Rajendra S. Konde Deshmukh,	Chemistry	Mass Spectrometry Letters	2018	Nil	Fergusson College, Pune	Nil	3	Nil
31	Tripeptides Observed in Hydro-distillation Analysis of Ocimum Tenuiflorum L. by LC-MS/MS.	Narayan P. Firke, Anil G. Markandeya, Rajendra S. Konde Deshmukh,	Chemistry	International Journal of Chemical and Physical Sciences	2018	Nil	Fergusson College, Pune	Nil	3	Nil
32	Steroids from Celocia argentea Leaves by LC-MS	Anil G. Markandeya, Narayan P. Firke, Nitin V. Ganjave, Sunita A. Salunke-	Chemistry	International Journal of Chemical and Physical Sciences	2018	Nil	Fergusson College, Pune	Nil	3	Nil

33	Biochemical studies on the combined effects of sudarshan kriya and mudra pranayam on human body. A	Meenakshi Suresh, K.Suresh	Chemistry	The Pharma Innovation Journal	2018	Nil	Fergusson College, Pune	Nil	1	Nil
34	Synthesis, Characterization and Antimicrobial Activity of Mn-Fe Tartarate composites	N. S. Dhavale C. S. Patil S.M. Vhankate V. B. Tadke R.P. Pawar S.S. Pawar	Chemistry	International Journal of Scientific Research in Science	2018	8	Fergusson College, Pune	8	6	2.307
35	Ethoxy-Ester Functionalized Imidazolium based Ionic Liquids for Lithium Ion Batteries	Trupti Nirmale, Nageshwar Khupse, Rohitkumar Gore, Jalindar Ambekar, Milind	Chemistry	ChemistrySelect	2018	1	Fergusson College, Pune	1	3	8.154
36	Identification of spices by Electronic Nose using pattern recognition technique	Manojkumar Vilas Kukade	Computer Science	International Journal on Future Revolution in Computer Science & Communication Engineering	2018	4	Fergusson College, Pune	4	Nil	Nil
37	The Impact Study of Houseplants in Purification of Environment Using Wireless Sensor Network	Kalpana A. Kulkarni, Madhukar. S. Zambare	Electronic Science	International journal, Wireless Sensor Network (WSN) Scientific Research Publishing	2018	Nil	Fergusson College, Pune	Nil	35	2.79

38	A checklist of bird communities in Tamhini Wildlife Sanctuary, the northern Western	Vinayak Chavan Subhash Mali	Environmenta l Science	Journal of Threatened Taxa	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
39	Development of Portable Optical Sensor Based System for Detection of Phosphate in	Rupali Gaikwad D.S.Kumbhar K.M. Kodam P.R.Thakur	Environmenta l Science	International Journal of Chemical and Physical Sciences	2018	2	Fergusson College, Pune	2	1	Nil
40	Distribution of Butterflies in Manoli Reserve Forest and Amba Village	Shruti Kulkarni and Girish Pathade	Environmenta l Science	International Journal of biosciences, agriculture and technology	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
41	Estimation of Cadmium from Drinking Water Sources and Its Effect on Chick Embryo	Pradnya Kalekar, Shampa Chakraborti And Shankar Laware	Environmenta l Science	International Journal of Flora and Fauna	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
42	Removal of Copper(II) Using Bio-adsorbents from Prepared Aqueous Solution	Pramod N. Kamble Ragini G. Bodade Abhijit K. Sagar Goraksh M. Pondhe	Environmenta l Science	Nature Environment and Pollution Technology	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil

43	Ichnofossils from Late Eocene Dinod Formation, Cambay Basin, Gujarat, India	Shyam N. Mude P. Kundal Suyog A. Jagtap	Geology	Journal of Geosciences Research	2018	2	Fergusson College, Pune	2	10	0.154
44	Evidence of Microscale Deformation in Deccan Basalts along Godavari River, Nashik, Maharashtra	A. Chinnote Mugdha N Vaddadi Sudha & Deo Sushama Mude Shyam Rajaguru, S. N.	Geology	Journal of Geosciences Research	2018	Nil	Fergusson College, Pune	Nil	4	Nil
45	Pyrethroid-Cypermethrin degradation using soil microflora and parameter optimization for	Manaswi Gurjar	Microbiology	International journal of recent scientific research	2018	Nil	Fergusson College, Pune	Nil	4	Nil
46	Catalytic reduction of p-nitrophenol and methylene blue by microbiologically synthesized silver	Pranjali S. Rajegaonkar Bhakti A. Deshpande Manjushri S. More	Microbiology	Materials Science & Engineering	2018	19	Fergusson College, Pune	21	4	5.234
47	Biodegradation of Pyrethroid-Cypermethrin using P.aeruginosa and detection of its	Gurjar M.M. Hamde V.S.	Microbiology	International Journal of Agriculture, Environment and Buotechnology	2018	Nil	Fergusson College, Pune	Nil	Nil	3.118

48	Pyrethroid-Cypermethrin degradation using soil microflora and parameter optimization for	Gurjar M.M. Hamde V.S.	Microbiology	International Journal of Recent Scientific Research	2018	Nil	Fergusson College, Pune	Nil	Nil	7.3
49	Gas sensing performance of Al Doped ZnO Thin Film for H ₂ S detection	Pankaj S.Kolhe Alpana B.Shinde S. G. Kulkarni	Physics	Journal of Alloys and Compounds	2018	76	Fergusson College, Pune	74	6	6.371
50	Enhanced Photocatalytic Performance of CuFeO ₂ thin films grown by Chemical Vapor	Ashish Yengantiwar Pravin S. Shinde Shanlin Pan Arunava	Physics	Abstracts of papers of the American Chemical Society	2018	6	Fergusson College, Pune	5	7	4.38
51	Delafossite CuFeO ₂ Photocathodes Grown by Direct Liquid Injection Chemical Vapor Deposition for	Ashish Yengantiwar Pravin S. Shinde Shanlin Pan Arunava Gupta	Physics	Journal of The Electrochemical Society	2018	Nil	Fergusson College, Pune	Nil	7	Nil
52	Analysis of Delayed S-Shaped Software Reliability Growth Model with time	David Hangal and Nileema Bhalerao	Statistics	Journal of Data Science	2018	Nil	Fergusson College, Pune	2	Nil	Nil

53	Generalized Statistical Modeling Maternal infant HIV transmission with constant Hazard rate.	Subhash Shende	Statistics	International Journal of Engineering & Technology	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
54	Effect of tridax leaf extract and pentoxifylline on chick embryo	Kishor D.Pendharkar	Zoology	International Journal of Research and Analytical Reviews	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
55	Estimation of physical parameters of khadakwasala reservoir as a potential site for conservation of	Anukriti N.Nigam	Zoology	International Journal of Research and Analytical Reviews	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
56	Determination of Rate of Shell Accretion in Pesticide Induced Fresh Water Bivalve, ParreysiaCorrugata	Pramod Phirke	Zoology	International Journal of Trend in Scientific Research and Development	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil

57	Effect of chelators on calcium and potassium content of fresh water bivalve, <i>parreysiacorrugata</i>	Pramod Phirke	Zoology	Journal of Emerging Technologies and Innovative Research	2018	Nil	Fergusson College, Pune	Nil	Nil	Nil
2019										
1	Dissolving Boundaries: a Holistic perspective on Life	Chitra Shreedharan	English	Literary Insight: a Refereed International Journal	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
2	Study of 'Brain in Vat' or 'Brain in Fluid'? Scenario in Nayomi Munaweera's <i>What Lies</i>	Sujata Bamane	English	International Journal of English Language and Literature	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
3	On Voicing the Voices Within and Shaping the 'Self': A study of Saroj Pathak's <i>Selected Short</i>	Sujata Bamane	English	International Journal of Advance and Innovative Research	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
4	Colour- in-Context: A critical study of Toni Morrison's <i>The Bluest Eye</i>	Sujata Bamane	English	Critical Space	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil

5	Variation in Rainfall and Sugarcane Production in Pune District, Maharashtra	Pravin Shinde, Suresh Zodage	Geography	International Journal of Scientific Research and Reviews	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
6	Mumbaicha girni kamgar aani bhartiya swatantrya chalval	Santosh M. Ghuge	History	Ajanta	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
7	Saarkche paryatan kshetratil karya	Santosh M. Ghuge	History	Ajanta	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
8	महाजालावरील मराठी (Mahajalavaril Marathi)	Anand Katikar	Marathi	Marathi Abhyas Parishad Patrika : Bhasha Ani Jeevan (मराठी अभ्यास परिषद पत्रिका भाषा आणि जीवन)	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
9	शास्त्राद् रूढीर्बलियसी (Shastrad Rudhirbaliyasee)	Anand Katikar	Marathi	Marathi Abhyas Parishad Patrika : Bhasha Ani Jeevan (मराठी अभ्यास परिषद पत्रिका भाषा आणि जीवन)	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
10	The eyes of the beholder: a critical lens	Prabhavalkar, P.Deuskar, M.U.	Psychology	Ajanta, 2019	2019	Nil	Fergusson College, Pune	Nil	4	5.5

11	A new species of fossorial natricid snakes of the genus <i>Trachischium</i> Günther, 1858 (Serpentes)	Gaurang Gowande, Mirza, Z.	Biotechnology	Comptes Rendus Biologies	2019	3	Fergusson College, Pune	3	8	1.583
12	Rhizosphere mycoflora from dry crop fields of <i>Sorghum</i> sp.	Patil S.Y., Vaishali Thakur	Botany	International Journal of Universal Science and Technology	2019	Nil	Fergusson College, Pune	Nil	2	Nil
13	Airborne pollen survey of Ganeshkhind crop field area, Pune.	Vaishali Thakur, ParamjitKaur Jite, S. S. Chowdhury	Botany	International Journal of Research and Analytical Reviews	2019	Nil	Fergusson College, Pune	Nil	2	Nil
14	Study of MI biological parameters in Lima Bean (<i>Phaseolus lunatus</i> L.) induced by	Kalyani Gunjal and Anil More	Botany	Journal of Emerging Technologies and Innovative Research	2019	Nil	Fergusson College, Pune	Nil	6	Nil
15	Induction of mutations in <i>Vicia faba</i> L. through Physical and Chemical mutagens.	Sonali Kamble and Anil More	Botany	Journal of Emerging Technologies and Innovative Research	2019	Nil	Fergusson College, Pune	Nil	6	Nil

16	Effect of Mutagens on Germination Percentage, Seedling Height and Seedling Injury in M1	Kamble Sonali R A.D. More	Botany	International Journal of Science and Research	2019	Nil	Fergusson College, Pune	Nil	6	Nil
17	Study of Mitotic index, Pollen sterility, Flower color mutation in Lima bean (<i>Phaseolus lunatus</i> L.)	Kalyani Gunjal and Anil More	Botany	International Journal of Scientific Research	2019	Nil	Fergusson College, Pune	Nil	6	Nil
18	Effect of mutagens on Mitotic Index and mitotic aberrations in M1 generations of <i>Lablab purpureus</i>	Jagtap S.S. and Anil More	Botany	International Research Journal of Multidisciplinary Studies	2019	Nil	Fergusson College, Pune	Nil	6	Nil
19	Spectrum of Chlorophyll Mutations in <i>Lablab purpureus</i> (L) Sweet through EMS and Gamma rays mutagens.	Jagtap S.S. and Anil More	Botany	Journal of Emerging Technologies and Innovative Research	2019	Nil	Fergusson College, Pune	Nil	6	Nil
20	Carbon dots-incorporated pH-responsive agarose-PVA hydrogel nanocomposites for the controlled	Pranjali Date Archana Tanwar Priyanka Ladage Kisan M. Kodam	Chemistry	Polymer Bulletin	2020	15	Fergusson College, Pune	15	3	2.843

21	Extraction, Separation Isolations and Phytochemical Investigation of the Insulin Plant 'Costus pictus'	Nilam A. Patil Anandrao A. Kale Milind V. Kulkarni	Chemistry	Journal of Current Pharma Research ISSN-2230-7842 CODEN-CPRUE6	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
22	Synthesis and characterization of gum ghatti grafted chelating copolymer for an effective removal of uranyl ions	Gauri Shelar-Lohar Satyawati Joshi	Chemistry	Journal of Polymer Research, 26(8), 179, 2019	2019	1	Fergusson College, Pune	1	3	3.061
23	In Vitro Investigation of Controlled Release of Ciprofloxacin and Its β -Cyclodextrin Inclusion	Archana G. Tanwar Pranjali B. Date Divya P. Ottoor	Chemistry	Chemistry Select	2019	0	Fergusson College, Pune	Nil	3	2.307
24	Comparative study of uranium and thorium metal ion adsorption by gum ghatti grafted poly(acrylamide) copolymer	Gauri Shelar-Lohar Satyawati Joshi	Chemistry	RSC Advances	2019	13	Fergusson College, Pune	13	3	3.134

25	Diagnosis of Diabetes Using Convolutional Neural Network	Tushar Deshmukh H.S. Fadewar Ankur Shukla	Computer Science	International Journal of Computer Sciences and Engineering	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
26	Real-Time Water Quality Monitoring System Analysis of Pashan Lake, Maharashtra, India	Das Gupta, S. Zambare, M.S. Kulkarni, N. M	Electronic Science	International Journal of Engineering and Advanced Technology	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
27	Classification of used electronic components based on circular Hough Transform	Shubhangi Katti Nitin Kulkarni Arvind Shaligram	Electronic Science	International Journal on research in Electronic and communication engineering	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
28	Machine Vision for Classification of Used Resistors	Shubhangi Katti Nitin Kulkarni	Electronic Science	International Journal of Modern Electronics and Communication Engineering	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil

29	Machine Vision for Classification of Color Coded Resistors based on Power Rating	Shubhangi Katti Nitin Kulkarni	Electronic Science	International Journal of Advanced Research in Computer Science	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
30	Real-Time Water Quality Monitoring System For Rivers	Das Gupta, S., Zambare, M.S., Kulkarni, N. M, Shaligram, A.D	Electronic Science	Acta Technica Napocensis. Electronica-Telecomunicatii, Mediamera Science Publisher	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
31	Wi-fi based Adventures Sports health monitoring system	K. A. Kulkarni Panchsheela Kamble Puloma Singh Shweta Dhevale	Electronic Science	International journal of Research and Analytical reviews	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
32	Comparative Assessment of Nutrient Status of Selected Plateaus in Western Ghats, Maharashtra	Priti Aphale, D. C. Meshram, D.M. Mahajan	Environmental Science	International Journal of Allied Practice, Research and Review	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil

33	Comparative Assessment of Trace and Major elements from the microhabitats of Basalt and Lateritic Plateaus of Western Ghats	Priti Aphale, D. C. Meshram, D.M. Mahajan	Environmental Science	International Journal of Allied Practice, Research and Review	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
34	The Optimization of pH and Hydraulic Retention Time (HRT) For Biomethanation of Fruits and Vegetable Waste	Amir Mulla and Girish Pathade	Environmental Science	International Journal of Pharmacy and Biological Sciences	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
35	India needs long-term biodiversity monitoring in urban landscapes	ASIMSHI N. Nerlekar Snehangshu Das Akshay A. Onkar Mayur Phogat	Environmental Science	Current Science	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
36	Assessment of bird communities across Ujjani and its five satellite wetlands in Solapur District of Maharashtra.	Shraddha Prabhakar Karikar Subhash Vitthal Mali Kulkarni Prasad	Environmental Science	Journal of Threatened Taxa	2019	1	Fergusson College, Pune	NIL	NIL	NIL

37	Multivariate analysis of elements from the microhabitats of selected plateaus in the Western Ghats.	Aphale Priti Vinayak Dhananjay Chintaman Meshram Dnyaneshwar Maruti	Environmenta l Science	Journal of Threatened Taxa	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
38	Influence of Citrate Multi-Micronutrient Chelate on Growth and Productivity in Fenugreek	Aishwarya Markad Shankar Laware	Environmenta l Science	Ecology, Environment and Conservation	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
39	Microstructural evolution of the garnet metapellites near Sawantwadi, Sindhudurg District.	Dashputre A.S Jadhav P. B. Marathe T.	Geology	Himalayan Geology	2019	1	Fergusson College, Pune	NIL	1	1.31
40	Textural Variation in the crustal xenoliths in basic dykes. Western Deccan Volcanic Province, Maharashtra, India.	Aishwarya N. Ghole Tanuuja Marathe Sudha Vaddadi	Geology	Current Science	2019	1	Fergusson College, Pune	Nil	1	1.102
41	Assessment of suitability of irrigation canal water for agriculture: A study based on new Mutha right	Jagtap M.M. Sayyed,M.R. G Pardeshi R.G.	Geology	Proceeding International Academy of Ecology and Environmental Sciences	2019	Nil	Fergusson College, Pune	Nil	1	Nil

42	The oldest record of the bivalve <i>Dosinisca</i> Dall and its implications	Borkar, V.D. Kantimati K. G.	Geology	Journal of Earth System Science	2019	Nil	Fergusson College, Pune	1	1	1.459
43	Geochemistry, Provenance, Compositional Maturity of Mastani Lake Sediments, India	Mude, S. N. Parcha, S. K. Pandey ,S. Madane, S.	Geology	Journal of Geoscience Research	2019	Nil	Fergusson College, Pune	Nil	4	Nil
44	Micromorphology and Textural Variations in the Ane Ghat Waterfall Tufa Deposits from Upland Deccan	Ukey, M. Pardeshi R.G.	Geology	Journal Geological Society of India	2019	Nil	Fergusson College, Pune	Nil	1	1.466
45	Effect of Cu doping concentration on H ₂ S	Kolhe, Pankaj S Sunil G. Kulkarni Namita Maiti Kishor M. Sonawane	Physics	Applied Physics A	2019	10	Fergusson College, Pune	8	6	2.98
46	Facile Hydrothermal Synthesis of WO ₃ Nanoconifer Thin Film: Multifunctional Behavior for Gas	Kolhe Pankaj S. Parisee S. Shirke Namita Maiti Mahendra A. More	Physics	Journal of Inorganic and Organometallic Polymers and Materials	2019	9	Fergusson College, Pune	7	6	3.51

47	Thermoluminescence studies of CaSO ₄ :Dy nanophosphor for application in high dose measurements	Nandkumar Mandlik S. D. Dhole P. D. Sahare J. S. Bakare A. Balraj B. C. Bhatt	Physics	Applied Radiation and Isotopes	2019	11	Fergusson College, Pune	9	8	1.78
48	Effect of Cu doping concentration on H ₂ S gas-sensing properties of Cu-doped SnO ₂ thin films	P.S. Kolhe S.G Kulkarni N Maiti K.M Sonawane	Physics	Applied Physics A	2019	10	Fergusson College, Pune	8	6	2.98
49	Effect of annealing of agglomeration of primary particles with anatase phase and tetragonal structure of TiO ₂	Sonam Thombare Appasaheb Bhosale Shrikant Kokare Ashish Yengattiwar	Physics	AIP Conference Proceedings	2019	Nil	Fergusson College, Pune	0	7	Nil
50	Modelling on Generalized Extended Inverse Weibull Software Reliability Growth Model	D. D. Hanagal Nileema Bhalerao	Statistics	Journal of data sciences	2019	Nil	Fergusson College, Pune	1	Nil	Nil

51	Molding Maternal Infant HIV Transmission having variable Hazard Rates with two Lag time distribution.	Subhash Shende	Statistics	Communication in Statistics: Simulation and Computation.	2019	Nil	Fergusson College, Pune	Nil	Nil	Nil
2020										
1	Impact of Covid-19 on the Agriculture sector in India : A	Santosh Pharande	Economics	Print Area Peer-Reviewed International Journal	2020	Nil	Fergusson College, Pune	Nil	Nil	Nil
2	Mahatma Phule Yanche Marathi Sahityatil Yogdaan	Siddharth Agale	Marathi	Vidyawarta International Publication	2020	Nil	Fergusson College, Pune	Nil	Nil	Nil
3	Madhyayugeen Sant Vangmayateel Saundarya Vishaya चित्रालिपीच्या दिशेने!?	Siddharth Agale	Marathi	Tifan (तिफण)	2020	Nil	Fergusson College, Pune	Nil	Nil	Nil
4	(ChitraLipichya Dishene)	Anand Katikar	Marathi	Marathi Abhyas Parishad Patrika : Bhasha Ani Jeevan (मराठी अभ्यास परिषद)	2020	Nil	Fergusson College, Pune	Nil	Nil	Nil
5	मत्स्यगन्धाः गीतेचे एक उपयोजन	Ankit Rawal	Sanskrit	Ajanta Publications	2020	Nil	Fergusson College, Pune	Nil	Nil	Nil
6	Insights of Bipolaris sorokiniana secretome-an in silico approach	Gauri Pathak, Gayatri Gurjar, Narendra Kadoo	Biotechnology	Biologia	2020	5	Fergusson College, Pune	5	7	1.74

7	Two new species of Chiromachetes (Scorpiones: Hormuridae) from the northern Western Ghats, India	Sulakhe,S., Deshpande, S., Dandekar, M., Ketkar, M., Gowande, G., Padhye, A.,	Biotechnolog y	Euscorpilus	2020	3	Fergusson College, Pune	3	8	0.6
8	A new species of green pit vipers of the genus Trimeresurus Lacépède, 1804 (Reptilia, Saurentes)	Gaurang Gowande	Biotechnolog y	Zoosystematics and Evolution	2020	5	Fergusson College, Pune	5	8	1.516
9	Screening of anticancer drugs as potential candidates to target COVID-19 disease	Gayatri Gurjar	Biotechnolog y	ChemRxiv	2020	Nil	Fergusson College, Pune	Nil	6	Nil
10	A new species of snail-eating snakes of the genus Pareas Wagler, 1830 (Reptilia: Serpentes) from eastern Himalayas, India	Bhosale, H., Phansalkar, P., Sawant, M., Gowande, G., Patel, H., Mirza, Z.	Biotechnolog y	European Journal of Taxonomy	2020	14	Fergusson College, Pune	14	8	1.372

11	Analysis of phytopathogenic fungi isolated from some important crop plants using morpho-molecular tools—Foldscope	Gayatri Gurjar, Madhavi Kanade	Biotechnology	Mycological Progress	2020	3	Fergusson College, Pune	3	7	2.538
12	A new species of green pit vipers of the genus Trimeresurus Lacépède (Reptlia, Serpentes, Viperidae) from western	Mirza Z., Bhosale H., Phansalkar P., Sawant M., Gowande G. & Patel H.	Biotechnology	Zoosystematics and Evolution, Zoosystematics and Evolution	2020	23	Fergusson College, Pune	23	8	1.516
13	A new cryptic species of bush frog (Amphibia: Anura: Raorchestes) from the southern eastern Ghats, India	Gowande, G., Ganesh, S., Mirza, Z.	Biotechnology	Taprobanica	2020	6	Fergusson College, Pune	6	8	

14	Numerical intraspecific morphometric study of <i>Actinodaphne hookeri</i> Meisn. (Magnoliopsida:	Snehangshu Das and Minakshi C. Mahajan	Botany	Ecology Environment and Conservation	2020	Nil	Fergusson College, Pune	Nil	3	0.038
15	Study of varied Habitats and its Effect on Algal Diversity from Fergusson College, Pune.	Jogita Tushar Pandkar, Apurva Kapil Kamble, Sangharsh	Botany	Biosciences Biotechnology Research Asia	2020	2	Fergusson College, Pune	2	2	0.5
16	A brief report of the common vegetal diversity in Dongarwadi area, Maharashtra, India.	Chowdhury Swarupa	Botany	Ecology Environment and Conservation	2020	Nil	Fergusson College, Pune	Nil	1	0.038
17	In vitro studies on Tomato (<i>Solanum lycopersicum</i> L.) Cultivars in presence of Artificial Sea Water.	Rupali Seth, Shuchishweta V Kendurkar and Anukool Vaishnav	Botany	Advances in Plant Sciences	2020	Nil	Fergusson College, Pune	Nil	5	0.39

18	Effect of physical and chemical mutagens on seed germination, seedling height, seedling injury and pollen	Nilophar Khan, Anil More, A.B.Ade	Botany	International Journal of Botany Studies	2020	Nil	Fergusson College, Pune	Nil	6	Nil
19	Effect of physical and chemical mutagens on total chlorophyll content of <i>Clitoria ternatea</i> L.	Nilophar Khan, Anil More, A.B.Ade	Botany	International Journal of Botany Studies	2020	Nil	Fergusson College, Pune	Nil	6	Nil
20	Induction of chlorophyll mutation through physical and chemical mutagens in <i>Phaseolus lunatus</i>	Kalyani R Gunjal A.D. More	Botany	Flora and Fauna	2020	Nil	Fergusson College, Pune	Nil	6	Nil
21	Mutagenic Effectiveness and Efficiency of Gamma rays, EMS and their combined treatment in	Kalyani Gunjal and Anil More	Botany	Journal of Indian Botanical Society	2020	Nil	Fergusson College, Pune	Nil	6	Nil

22	Biodegradable and biocompatible agarose–poly (vinyl alcohol) hydrogel for the in vitro investigation of ibuprofen	Pranjali Date Archana Tanwar Priyanka Ladage Kisan M. Kodam	Chemistry	Chemical Papers	2020	Nil	Fergusson College, Pune	Nil	3	Nil
23	Green synthesis of quinolines via A3-coupling by using graphene oxide-supported Brønsted acidic	Shivanand Gajare Audumbar Patil Shankar Hangirgekar Sushilkumar	Chemistry	Research on Chemical Intermediates	2020	13	Fergusson College, Pune	13	0	3.134
24	Cu(II) complexes of hydrazones–NSAID conjugates: synthesis, characterization and anticancer	Jatinder Kaur, Tanmayee Chikate, Parbati Bandyopadhyay, Soumya	Chemistry	Journal of Coordination Chemistry	2020	2	Fergusson College, Pune	2	2	1.869
25	An Overview on Inference Model Application to Detect Juvenile Diabetes in Given Diabetic Patients Data using Classification	Aparna Vaidyanathan, Vasantha Kalyani David	Computer Science	International Journal of Advance Computational Engineering and Networking	2020	Nil	Fergusson College, Pune	Nil	Nil	0.675

26	IoT based real-time water quality monitoring and classification	Das Gupta, S. Zambare, M.S. Kulkarni, N. M Sinhlasree	Electronic Science	Innovation in Electrical Power Engineering, Communication, and Computing Technology	2020	Nil	Fergusson College, Pune	Nil	Nil	0.74
27	Smart Home Automation Using Digital Image Processing Technique	Joshi Namrata Shedshale Kalpana Kulkarni	Electronic Science	Mazedan Computer Engineering Transactions	2020	Nil	Nil	Nil	Nil	Nil
28	Optimization of incubation period, pH and moisture percent for vermicomposting of biometanation sludge admixed with fruits and vegetable waste collected from	Amir Mulla and Girish Pathade	Environmental Science	Nature Environment and Pollution Technology	2020	1	Fergusson College, Pune	1	1	0.154
29	Sedimentological and Geochemical Charectesization of Manaveli and Cuddalore	Shyam N. Mude, Shyam Yawale and Vishal	Geology	Indian Association of Sedimentologists	2020	1	Fergusson College, Pune	1	4	Nil

30	Calcareous algae from the Early Middle Miocene Quilon Formation, Kerala Basin, India	Shyam N Mude	Geology	Journal of Palaeontological Society of India	2020	1	Fergusson College, Pune	1	4	0.705
31	Studies on Cholesterol reduction and formulation and formulation of cholesterol reducing probiotic microorganisms.	Suneeti Gore, Saylee Kalekar, Dhanashree Zagde, Nisha Talekar, Sneha Mehendale, Raiashree	Microbiology	Research Journal of Biotechnology	2020	2	Fergusson College, Pune	2	2	0.454
32	Study of microbial diversity and effect of plant growth promoting rhizobacteria isolated from Kaas Plateau, Western Ghats as	Patwardhan Rajashree, Neha S. Deshmukh, Neha B. Deshmukh, Suneeti Gore	Microbiology	Research Journal of Chemistry and Environment	2020	Nil	Fergusson College, Pune	Nil	3	0.247

33	Covid 19: A Biological Disaster for India.	Rajashree Patwardhan, Pragati Abhyankar, Suneeti Gore, Saylee Kalekar	Microbiology	Disaster Advances	2020	Nil	Fergusson College, Pune	Nil	3	0.333
34	Polio Endgame: How India beat the monster	Anuja Madhekar	Microbiology	Resonance	2020	Nil	Fergusson College, Pune	Nil	Nil	0.21
35	Synthesis of WO ₃ nanoflakes by hydrothermal route and its gas sensing application,	P. S Kolhe P Mutadak N Maiti K.M Sonawane	Physics	Sensors and Actuators A: Physical	2020	33	Fergusson College, Pune	25	6	4.29

36	Thermoluminescence, photoluminescence and optically stimulated luminescence characteristics of CaSO ₄ :Eu phosphor:	Nandkumar T.Mandlik Sachin R.Rondiya Nelson Y.Dzade M.S.Kulkarni P.D.Sahare S.D.Dholef	Physics	Journal of Luminescence	2020	8	Fergusson College, Pune	5	8	4.17
37	Effect of size variation and gamma irradiation on thermoluminescence and photoluminescence characteristics of CaSO ₄ :Eu	Nandkumar T.Mandlik P.D.Sahare S.D.Dhole	Physics	Applied Radiation and Isotopes	2020	5	Fergusson College, Pune	3	8	1.78
38	Luminescence and dosimetric characteristics of nanocrystalline Al ₂ O ₃ : C synthesized by thermal plasma reactor	Nandkumar T.Mandlik V.B.Varma M.S.Kulkarni B.C.Bhatt P.D.Sahare V.L.Mathe S.V.Bhoraskar	Physics	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms	2020	5	Fergusson College, Pune	2	8	1.27

39	Multifunctional characteristics of polypyrrole-zinc oxide (PPy-ZnO) nanocomposite: Field emission investigations and gas sensing application	Kasimra Harpale, Pankaj Kolhe, Prashant Bankar, Ruchita Khare, Sandip Patil, Namita	Physics	Synthetic Metals	2020-21	8	Fergusson College, Pune	8	6	4
40	Bismuth vanadate thin films for efficient photoelectrochemical water splitting	P Sharma P Doiphode O Borhade A Yengantiwar	Physics	Emergent Materials	2020	3	Fergusson College, Pune	2	7	Nil
41	Characteristics of $K_2Ca_2(SO_4)_3:Eu$ TLD Nanophosphor for its Applications in Electron and Gamma rays Dosimetry	Nandkumar T. Mandlik, P. D. Sahare, Sachin R. Rondiya, Nelson Y. Dzade, A. V. Deored, S. S. Dahiwal, S. D. Dhole	Physics	Optical Materials	2020	3	Fergusson College, Pune	3	8	3.75

42	Effect of annealing temperature and phase change on thermoluminescence and photoluminescence of $K_2Ca_2(SO_4)_3:Eu$	Nandkumar T. Mandlik, P. D. Sahare, S. D. Dhole, A. Balraj	Physics	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms	2020	5	Fergusson College, Pune	5	8	1.27
43	The studies on impact of variation in physicochemical properties of water on Heavy metal	N.E. Chandanshive	Zoology	International Research Journal of Natural and Applied Sciences	2020	Nil	Fergusson College, Pune	Nil	6	Nil
44	Determination and Accumulation of heavy Metals in Mula-Mutha River Pune District	Dnyandeo Gorakhe and Navnath Chandanshive	Zoology	Pollution Research	2020	Nil	Fergusson College, Pune	Nil	6	Nil
45	Study on Toxicity of Lead Chloride ($PbCl_2$) on <i>Mystuscavasius</i> from Mula-Mutha River, Pune.	Dnyandeo Gorakhe and Navnath Chandanshive	Zoology	Pollution Research	2020	Nil	Fergusson College, Pune	Nil	6	Nil

46	Effect of chelating agents on ascorbic acid content of fresh water bivalve, <i>Parreysiacorrugata</i>	Pramod Phirke	Zoology	Bioinfolet	2020	Nil	Fergusson College, Pune	Nil	Nil	Nil
47	Modulation in respiratory dynamics of the estuarine clam, <i>Katelysia opima</i> (Gmelin) under sublethal end	Sanjay Kumbhar	Zoology	Uttar Pradesh Journal of Zoology	2020	Nil	Fergusson College, Pune	Nil	Nil	Nil
2021										
1	Evaluation of Maharashtra's Jalyukta Shivar Abhiyan	Santosh Pharande	Economics	Ajanta Prakashan	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
2	Indian Economy : Challenges, Opportunitites and Solutions	Santosh Pharande	Economics	Ajanta Prakashan	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
3	Self Reliant India : The Call for National Independence	Santosh Pharande	Economics	Ajanta Prakashan	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil

4	Present Agricultural Marketing System and Benefits of New Farm Acts 2020	Santosh Pharande	Economics	Vidyawarta	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
5	Nai kavita mein saundarya chetana (नई कविता में सौंदर्य चेतना)	Santosh Dhotre	Hindi	Drushtikon	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
6	Adivaasi Saahitya: Swaroop ani vaishishtye	Sanjaykumar Koli	Marathi	Printing Area	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
7	Babu Biradar hyanchya kadambarya: Deglurcha saanskritik dastaaivaj	Sanjaykumar Koli	Marathi	International Research Journal of Humanities and Interdisciplinary Studies	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
8	Marathichya nirmiteecha punarvichar ek chikitsak abhyaas	Sanjaykumar Koli	Marathi	Printing Area	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil

9	Saahitya ani Manasshastra yancha anubandha	Sanjaykumar Koli	Marathi	Printing Area	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
10	Lokmanya Tilakancha samakalin Marathi sahyavar prabhav	Sanjaykumar Koli	Marathi	Galaxy Link	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
11	Balichya shokaatma avastheche assal chitran	Sanjaykumar Koli	Marathi	International Research Journal of Humanities and Interdisciplinary Studies	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
12	Bharatiya Sahitya Sanshodhanachya navya disha	Sanjaykumar Koli	Marathi	Akshar Vangmay	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
13	Pracheen Vaidik ani Aavidik sanskriticha magova	Sanjaykumar Koli	Marathi	Saksham Sameeksha	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil

14	Endangered languages of Inida: effects of modernisation on Scheduled Tribal Language	Sanjaykumar Koli	Marathi	Ajanta	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
15	Mithak: Swaroopani sankalpana	Rajashree Deshpande	Marathi	Maharashtra Sahitya Patrika	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
16	Characterizations of deletable elements and reducibility numbers in Some Classes of lattices	Manish Agalave and R. S. Shewale and Vilas Kharat	Mathematics	International Journal of Next-Generation Computing	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
17	Effect of character strengths on career attitude and goal selection.	Poorva Deshpande and Himani Raichur	Psychology	Indian Journal of Positive Psychology	2021	Nil	Fergusson College, Pune	Nil	1	5.857
18	Genome wide analysis of 14-3-3 proteins in Cicer arietinum L. and identification of isoforms responsive to	Gayatri Gurjar, Suhas Nimbalkar, Ashok Giri and Vidya Gupta	Biotechnology	Current Science	2021	0	Fergusson College, Pune	0	7	1.102

19	A new species of geckos of the genus <i>Cyrtodactylus</i> Gray, 1827 from Arunachal Pradesh, India	Mirza Z., Bhosale H., Ansari F., Phansalkar P., Sawant M., Gowande G.	Biotechnology	Evolutionary Systematics	2021	1	Fergusson College, Pune	Nil	Nil	Nil
20	A molecular and morphological study of <i>Otocryptis</i> Wagler, 1830 (Squamata: Agamidae)	Srikanthan A., Adhikari O., Ganesh S., Deuti K., Das K., Kulkarni V., Gaurang	Biotechnology	Zootaxa	2021	Nil	Fergusson College, Pune	0	8	1.091
21	On the systematics and the phylogenetic position of the poorly known, montane dragon-lizard <i>Pseudocalotes austeniana</i> (Annandale)	Gaurang Gowande, Bhosale H., Phansalkar P., Sawant M. & Mirza Z.	Biotechnology	Evolutionary Systematics	2021	2	Fergusson College, Pune	2	8	1.11
22	Molecular phylogenetics and taxonomic reassessment of the widespread agamid lizard <i>Calotes versicolor</i> (Daudin, 1802) (Squamata, Agamidae) across	Gowande G., Pal S., Jablonski D., Masroor R., Phansalkar P., Dsouza P., Jayarajan A., Shanker K.	Biotechnology	Vertebrate Zoology	2021	9	Fergusson College, Pune	9	8	1.879

23	Studies on composition and components of airspora belonging to ascomycetes over Phaseolus vulgaris l. crop field during kharif season at Pune	VaishaliThakur	Botany	International Journal of Botany Studies	2021	Nil	Fergusson College, Pune	Nil	2	Nil
24	ZnO NPs incorporated gelatin grafted polyacrylamide hydrogel nanocomposite for controlled release of ciprofloxacin	Archana Tanwar, Pranjali Date, Divya Ottoor	Chemistry	Colloid and Interface Science Communications	2021	8	Fergusson College, Pune	8	3	5.633
25	Concentrated brines in aqueous methanolic solution in supercritical conditions: Effect of concentration and composition from molecular dynamic	Sonanki Keshri, Ujwala N. Patil	Chemistry	Fluid Phase Equilibria	2021	0	Fergusson College, Pune	0	4	2.745

26	Withania somnifera (L.) Dunal:Opportunity for Clinical Repurposing in COVID-19 Management	Akash Saggam, Kirti Limgaokar, Swapnil Borse, Preeti Chavan-Gautam, Santosh	Chemistry	Frontiers in Pharmacology	2021	28	Fergusson College, Pune	28	2	5.988
27	Synthesis, structural and electrical conduction of some dual doped semiconductor oxides nanoparticlesfor photocatalytic	N. J. Karale-Unde, A. K. Nikumbh, M. B. Khanvilkar, P. A. Nagawade, R. A. Pawar, D. V.	Chemistry	Journal of materials science: Materials in Electronics	2021	3	Fergusson College, Pune	3	3	2.779
28	Alkali metal chlorides in DMSO-methanol binary mixtures: insights into structural propeties through molecular dynamic	Ujwala N. Patil, Sonanki Keshri, .L.Tembe	Chemistry	Theoretical Chemistry Accounts	2021	1	Fergusson College, Pune	1	4	2.154

29	Functional potential of unconventional plant sources	Sanchita Sangle, Nikita Manoharan, Kirti Limgaokar, Anukriti Nigam	Chemistry	International Journal of Current Pharmaceuticle Research	2021	0	Fergusson College, Pune	0	2	0.1
30	Structural, Electrical and Magnetic Properties of Substituted Pyrochlore Oxide Nanoparticles Synthesized by the Co-	N.J. Karale-Unde, M.B. Khanvilkar, A.K. Nikumbh , S.M. Patange , R.A. Pawar ,	Chemistry	Physics and chemistry of solid state	2021	0	Savitribai Phule Pune University, Pune	0	3	0
31	Telepresence Surveillance Robot Using Raspberry Pi	Chinthapatla Sri Varshini, Mohammad Arif Khan Yogita Khandge Ranjana	Electronic Science	International Journal of Emerging Technologies and Innovative Research	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil

32	Impact of transport sector emissions on biochemical characteristics of plants and mitigation strategy in Pune, India	Pranav Kamble, Purva S.Bodhane, Gufran Beig, Manik Awale, Utkarsh Mukkannawa	Environmental Science	Environmental Challenges	2021	3	Fergusson College, Pune	3	10	Nil
33	vermicomposting process parameter optimization for feed of biomethanation sludge, fruits and vegetable waste (FVW) using	Amir Mulla and Girish Pathade	Environmental Science	Ecology Environment & Conservation	2021	Nil	Fergusson College, Pune	Nil	1	Nil
34	Coralline Algae from the Late Pleistocene Miliolite Formation of Kachchh, Western India	Mude, S. N, Kundal, P. and Raut, S. D.	Geology	Journal of Geological Society of India	2021	Nil	Fergusson College, Pune	Nil	4	1.459
35	Aquifers: Forging the Convergence Between Groundwater and Communities in the Heterogeneous Groundwater	Himanshu Kulkarni, Neha Bhawe, Devdutt Upasani, Rakesh Gupta	Geology	Journal of Geological Society of India	2021	Nil	Fergusson College, Pune	Nil	4	1.459

36	Grain Size analysis of the Marh Formation from Bikaner Basin, Northwest India: Implications on depositional	Ravindrasing Pardeshi, Shyam Mude, Bhalero A	Geology	Journal of Geosciences Research	2021	Nil	Fergusson College, Pune	Nil	4	Nil
37	Bacteriophage: An eco-friendly and cost-effective green technology in reuse of treated wastewater for agriculture	Rajashree Patwardhan, Pooja Machchha, Madhuri Sonawane, Suneeti Gore	Microbiology	Pollution Research	2021	Nil	Fergusson College, Pune	Nil	3	0.516
38	Degradation of pyrethroid insecticide-cypermethrin(25% EC) using soil microorganisms and detection of decay of	Mananswi Gurjar, V.S.Hamde	Microbiology	Indian Journal of Agricultural Research	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
39	Study of Optically Stimulated Luminescence and Calculation of Trapping Parameters of $K_2Ca_2(SO_4)_3:Eu$	Nanankumar Mandlik, P. D. Sahare, M. S. Kulkarni, N. S. Rawat, N. P. Gaikwad, S. D. Dhale	Physics	Applied Radiation and Isotopes.	2021	2	Fergusson College, Pune	2	8	1.78

40	Growth of ZnO nanorods array on PCB for enhanced UV photosensors	Ashish Yengantiwar, Banpurkar A	Physics	Journal of Mountain Research	2021	Nil	Fergusson College, Pune	Nil	7	Nil
41	Study of Luminescence Characteristics of $K_2Ca_2(SO_4)_3:Eu$ Microphosphor by Electron and Gamma Irradiation	Nandkumar Mandlik, Neha Jitkar, Pushkar Bagul, S. D. Dhole, S. S. Dahiwal, P. D. Sahare	Physics	AIP Conference Proceeding	2021	Nil	Fergusson College, Pune	Nil	8	Nil
42	Luminescence and dosimetric characteristics of microcrystalline $SrB_4O_7: Eu^{3+}$ synthesized by solid state diffusion method	Neyaz Ali, PD Sahare, Avinash R Kachere, Prashant M Kakade, Nandkumar Mandlik, SD	Physics	Journal of Radio analytical and Nuclear Chemistry	2021	Nil	Fergusson College, Pune	Nil	8	1.75
43	Evaluation of field electron emission properties of $ZnIn_2S_4$ nanopetals grown on conducting carbon substrate	Prashant K Bankar, Pankaj S Kolhe, Pallavi R Mutadak, Ajay Kawade.	Physics	Physica E: Low-dimensional Systems and Nanostructures	2021	3	Fergusson College, Pune	3	6	3.36

44	Graphene Oxide Assisted Synthesis of Magnesium Oxide Nanorods	Prashant. M. Kakade, Avin ash. R. Kachere, Nandkumar Mandlik, Sachin R. Rondiva, San	Physics	ES Materials & Manufacturing	2021	20	Fergusson College, Pune	20	8	nil
45	Synthesis of Nanocrystalline $Al_2O_3:C$ by <i>Thermal Plasma Reactor for Radiation Dosimetry Applications</i>	Nandkumar Mandlik, V. B. Varma, P. D. Sahare, V. L. Mathe, S. V. Bhoraskar, S. D. Dhole	Physics	Journal of Radioanalytical and Nuclear Chemistry	2021	1	Fergusson College, Pune	1	8	1.75
46	Thermoluminescence in Eu doped $NaLi_2PO_4$ TLD nanophosphor: <i>Effect of particle size on TL characteristics</i>	Martina Saran, P.D. Sahare, Vishnu Chauhan, Rajesh Kumar, Nandkumar	Physics	Journal of Luminescence	2021	Nil	Fergusson College, Pune	Nil	8	4.17
47	Numerical simulations of growth dynamics of breath figures on phase change materials: The effect of accelerated	R. D. Name, Nilesh D. Pawar, M. D. Khandkar, A. G. Banpurkar and A. V. Limaye	Physics	Euro Physics letters	2021	Nil	Fergusson College, Pune	Nil	13	1.947

48	Morphology-dependent field emission investigations from the 2-dimensional Bi ₂ Se ₃ -RGO nanocomposites	Sanjeevan R Bansode, Kashmira V Harpale, Pallavi Mutadak, Kishor M Sonawane, Arun Kawade,	Physics	Materials Science and Engineering: B	2021	2	Fergusson College, Pune	2	6	4.051
49	Comparative study of eosin-y and rose bengal sensitized SnO ₂ -ZnO composite electrode for dye-sensitized solar cell	PK Bhujbal, AT Supekar, KM Sonawane, HM Pathan, Shoyebmohamed F.	Physics	ES Energy & Environment	2021	1	Fergusson College, Pune	1	6	Nil
50	Effects of 6 MeV Energy Electrons On Lattice Parameters Of CaSO ₄ :Eu Nanophosphor	Jitkar, Pushkar P. Bagul, Prashant M. Kakade, Avinash R. Kachere, S. D. Dhale, S.	Physics	AIP Conference Proceeding	2021	Nil	Fergusson College, Pune	Nil	8	Nil
51	A new species from Genus: Moniezia, Blanchard (1831) M. jadhavae (n.sp.) from Pune	Kishor Pendharkar	Zoology	Journal of Emerging Technologies and Innovative Research	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil

52	A new species from Genus: Lytocestus, Cohen, (1908) (Cestoda: Lytocestidae) at	Kishor Pendharkar	Zoology	Journal of Emerging Technologies and Innovative Research	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
53	Population dynamics study of Stilesiaa cestode parasite from Pune district	Kishor Pendharkar	Zoology	International Journal of Zoology Studies	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
54	A new species Stilesia desh mukhi (Eucestoda: Thysanomidae) fuhrmann, 1907	Kishor Pendharkar	Zoology	International Journal of Zoology Studies	2021	Nil	Fergusson College, Pune	Nil	Nil	Nil
2022										
1	Critical Review of Bioadsorption on Modified Cellulose and Removal of Divalent Heavy Metals (Cd, Pb)	Jatinder Kaur, Parbati Sengupta and Samrat Mukhopadhyay	Chemistry	Industrial and Engineering Chemistry Research	2022	7	Fergusson College, Pune	7	5	4.32
2	The Plausible Research Strategies and Tools for Organic Chemists in the Hibernating Stage of Their Pre-PhD	Narayan P. Firke	Chemistry	Journal of Higher Education Theory and Practice	2022	0	Fergusson College, Pune	0	3	0.6

3	A concise review on synthesis of acetal and recent advances	Narayan P. Firke	Chemistry	YMER	2022	0	Fergusson College, Pune	0	3	5.7
4	Review of Clinical Performance of Serology Bases Commercial Diagnostic Assays for Detection of Biochemical Parameters as prognostic Markers in Severely III COVID-19 Patients	Poonam S. Deshpande, Irene E. Abraham, Anjali Pitamberwale and Radhika Anjali Pitamberwale, Tariq mehamood, Azmat Kamal Ansari	Chemistry	Viral Immunology	2022	4	Fergusson College, Pune	1	7	2.257
5	Plug and Play Electrodeposition Cell: A Case Study of Bismuth Ferrite Thin Films for Photoelectrochemical Water Splitting	Narayan Firke, Vaibhavi Gulavani, Ramchandra Sapkal, Pankaj Sagdeo and Ashish	Physics	ECS Journal of Solid State Science and Technology	2022	Nil	Fergusson College, Pune	Nil	8	2.483

7	ZnFe ₂ O ₄ /ZnO 0D-1D heterojunction for efficient photoelectrochemical water splitting	Ashish P.Yengantiwar, Meenal S.Deo and Arif D.Sheikh	Physics	Materials Science and Engineering: B	2022	Nil	Fergusson College, Pune	nil	8	4.051
8	Robust superhydrophobic and icephobic surface based on Teflon AF coated multiscale hierarchical ZnO/Cu ₂ O nanostructures	Mayuresh A. Kulkarni, Ashish Yengantiwar, Meenal Deo and Arun G. Banpurkar	Physics	Materials Science and Engineering: B	2022	Nil	Fergusson College, Pune	Nil	8	4.051
9	Review on magnesium hydride and sodium borohydride hydrolysis for hydrogen production	Nuraini Ruslan, Muhammad Syarifuddin Yahya, Md. Nurul Islam Siddique, Ashish Prabhakar	Physics	Crystals	2022	Nil	Fergusson College, Pune	Nil	8	2.46

10	Structural, compositional and luminescence studies of Y ₂ O ₃ :Eu ³⁺ nanophosphor synthesized by sol-gel method	Prashant M. Kakade, Avinash R. Kachere, P. D. Sahare, Alka V. Deshmukh, S. D. Dhole, Sandesh R. Laddar	Physics	Journal of Alloys and Compounds	2022	Nil	Fergusson College, Pune	Nil	8	6.371
	Superior photoelectrochemical performance of Fe ₂ O ₃ /g-C ₃ N ₄ heterostructure synthesized by chemical precipitation method	Chetan Harak, Satish Mardikar, Vaibhavi Gulavani, Ashish Yengantiwar, vaibhav Salunke	Physics	Materialstoday: Proceedings	2022	Nil	Fergusson College, Pune	Nil	8	1.46
12	Zinc Oxide/Graphene Oxide Nanocomposites: Synthesis: Characterization and their Optical Properties	Avinash R. Kachere, Prashant M. Kakade, Archana R. Kanwade, Priyanka Dani, Nandkumar T. Mendlik, Sa	Physics	ES Materials & Manufacturing	2021-22	1	Fergusson College, Pune	1	6	3.407

13	Does Positivity predict well-being?	Megha Deuskar, Shobhana Abhyankar	Psychology	Indian Journal of Positive Psychology	2022	Nil	Fergusson College, Pune	Nil	4	1.912
14	Geometry and age of a mafic dyke emplaced along the Bhetkheda–Mohan a Lineament, Central Narmada valley, Deccan Volcanic Province	Srima Pillai , Kondepudi Pattabhiram, Gauri Dole, Priyanka Shandilya, Devdutt Upasani, Kanchan	Geology	Journal of Earth System and Science	2022	Nil	Fergusson College, Pune	Nil	4	Nil
15	Anubhuti ki abhivyakti ka sphota bindu	Santosh Dhotre	Hindi	Vyangya Yatra	2022	Nil	Fergusson College, Pune	Nil	4	Nil



