



Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

- Affiliated to Savitribai Phule Pune University: ID No PU/PN/ASC/023/1970
- Junior College Index No: J-11.15.004
- Government of Maharashtra and Savitribai Phule Pune University Recognized Minority Institute
- UGC - 2(f) & 12 (B) Status • NAAC Re-accredited College • DST - FIST Funded College



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Professor (Dr.) Aftab Anwar Shaikh

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List of Research Publications: Academic Year 2019-20

Sr. No.	Title of the Paper	Name of the Author/s	Name of Journal
1)	An investigation on invitro antiinflammatory and antiproliferative potential of isolated Labdane diterpenoids from <i>Andrographis paniculata</i> (Burm.f.) wall. Ex nees: Ann important medicinal plant prescribed in Ayurveda	R.U. Shaikh	European Journal of Integrative Medicine
2)	A mathematical model of COVID-19 using fractional derivative: outbreak in India with dynamics of transmission and control	Iqbal Najiroddin Shaikh	Advances in Difference Equations
3)	Transmission dynamics of fractional order Typhoid fever model using Caputo–Fabrizio operator	Amjad S. Shaikh	Chaos, Solitons and Fractals
4)	Solution of fractional kinetic equations involving class of functions and Sumudu transform	Amjad S. Shaikh	Advances in Difference Equations
5)	A mathematical model of COVID-19 using fractional derivative: outbreak in India with dynamics of transmission and control	Amjad S. Shaikh	Advances in Difference Equations



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6)	Analysis and Dynamics of Fractional Order Mathematical Model of COVID-19 in Nigeria Using Atangana-Baleanu Operator	Amjad S. Shaikh	Computers, Materials & Continua
7)	A Lamin-Associated Chromatin Model for Chromosome Organization	Jahir A. Ahmed	Biophysical Journal
8)	Effect of metal ions on the production of amylase by fungi grown on deproteinised leaf extracts	Sayyed I.U.	Bioinfolet
9)	Chemical composition of green and variegated leaves of some ornamental plants	Sayyed I.U.	Bulletin of Environment Pharmacology and Life Sciences
10)	Pyridine and benzoisothiazole based pyrazolines: synthesis, characterization, biological activity, molecular docking and ADMET study	R.U. Shaikh	European Chemical Bulletin
11)	Electrodeposition of n-CdSe/p-Cu ₂ Se Heterojunction Solar Cells,	Arif V. Shaikh	Engineered Science
12)	Electrodeposition of n-CdSe/p-Cu ₂ Se Heterojunction Solar Cells,	Saima G. Sayyed	Engineered Science



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13)	APPLICATION OF ADOMIAN DECOMPOSITION METHOD TO SOLVE THE FRACTIONAL MATHEMATICAL MODEL OF CORONA VIRUS	Amjad S. Shaikh	Journal of Mathematical and Computational Science
14)	Analysing Accident Rate in India using Power BI	Shabeena Khan	Shodh Sanchar Bulletin
15)	Analysing Accident Rate in India using Power BI	Mahtab Alam	Shodh Sanchar Bulletin
16)	Intezar Husain ke Novelon me hindustani Asateer	Dr. Abrar Ahmad	Hindustani Zaban
17)	Khilafat and Non-cooperation movement: Gandhi and perspective	Dr. Ahmad Shamshad	Shodh Sanchar Bulletin
18)	A Study Of Consumer Perception Towards Digital Food App Services In Pune City	Dr.Aftab Anwar Shaikh	Shodh Sanchar Bulletin
19)	Green Supply Chain Management-An Initiative Towards Eco Friendly Production.	Dr.Aftab Anwar Shaikh	Shodh Sanchar Bulletin
20)	Green Supply Chain Management-An Initiative Towards Eco Friendly Production.	Ms.Wafiya Wahid	Shodh Sanchar Bulletin
21)	Economic Slow Down in India – Causes and Govt. Initiatives”	Dr. Nasrin Parvez Khan	Shodh Sanchar Bulletin
22)	A Study on influence of Social Media Tools on FMCG	Mohammed Fazil Shareef	Shodh Sanchar Bulletin



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23)	A Study on influence of Social Media Tools on FMCG	Dr. Syed Hamed Hashmi	Shodh Sanchar Bulletin
24)	A study of Trading Conduct in Capital Market-Theoretical study	Dr.Riyasat Peerzade	Shodh Sanchar Bulletin
25)	Robust Dynamic System Simulation Study Using Taguchi Method And MINITAB	Dr A. K. Walunj	International Journal for Research in Engineering Application & Management
26)	Detection of Hazardous Gas Leakage Source Relative Signal Strength Based Localization Using WSN	Dr A. K. Walunj	International Journal of Scientific Research and Reviews
27)	Cardioprotective Potential Of Herbs Against Doxorubicin Induced Cardiotoxicity: A Review	Pandey SK	Journal of Emerging Technologies and Innovative Research
28)	A Review: Conservation And Management Of Ground And Surface Water Resource In Maharashtra, India	Pandey SK	Journal of Emerging Technologies and Innovative Research
29)	Popularity Among youth and teenagers of Tobacco-free hookah, A public health challenge in Maharashtra: Case studies of Pune city	Dr. Gulab Pathan	Our Heritage
30)	Relationship Between Health and Economic Growth in India	Dr. Gulnawaz Usmani	Indian Journal of Human Development
31)	Tourist Arrivals, International	Dr. Gulnawaz	Journal of Public Affairs



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	Tourist Expenditure and Economic Growth in BRIC Countries	Usmani	
32)	Agripreneurship Development in India: Prospects & Challenges	Dr. Ana Mateen	Our Heritage
33)	Agripreneurship Development in India: Prospects & Challenges	Dr. Shahid J Ansari	Our Heritage
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35)	A Study on Impact of GST on Indian Economy	Ms. Rifat Memon	International Research Journal of Multidisciplinary Studies
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37)	The dark side of migration in Kiran Desai the inheritance of Loss	Dr. Ashwini Purude	Our Heritage
38)	YES Pappa Side effects of literally reading	Mr. Zameer Sayyed	Our Heritage
39)	Jeewan kee parton ko ukerta kahani sangrah mannat	Dr. Sk Mohammad Shakir	Shodhrutu
40)	Need for Ethics and Accountability in Contemporary World	Ms Zeenat Merchant	Our Heritage
41)	Impact of US Sanctions on Indo-Iranian Foreign Trade	Dr. Nasrin Parvez Khan	Aarhat Multidisciplinary International Education Research Journal



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47)	Pillars of Corporate social Responsibility- Strategy for Sustainable Development.	Dr. Syed Hamed Hashmi	International Journal for Innovative Research in Multidisciplinary Field