

## **Padmabhooshan Vasantodada Patil Institute of Technology, Budhgaon**

### **NAAC**

#### **CRITERIA 3**

3.3.1: Number of research papers published per teacher in the Journals notified on UGC care list during the last five years  
3.2.2.1: Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

3.3.1.1: Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

#### **GOOGLE SCHOLAR PROFILE LINKS OF THE FACULTIES**

1)Dr.S.L.Patil:- <https://scholar.google.com/citations?user=MtznNIEAAAJ&hl=en>



## Dr. Sanjay Patil

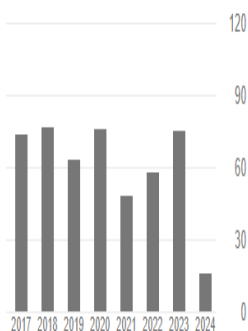
Assistant professor Physics  
Verified email at pvpitsangli.edu.in - [Homepage](#)  
Physics



TITLE	CITED BY	YEAR
<b>Room Temperature Ammonia Gas Sensor Based on Polyaniline-TiO<sub>2</sub> Nanocomposite</b> SG Pawar, MA Chougule, SL Patil, BT Raut, PR Godse, S Sen, VB Patil IEEE sensors journal 11 (12), 3417-3423	109	2011
<b>Synthesis and Characterization of Polyaniline:TiO<sub>2</sub> Nanocomposites</b> SG Pawar, SL Patil, MA Chougule, AT Mane, DM Jundale, VB Patil International Journal of Polymeric Materials 59 (10), 777-785	101	2010
<b>Structural, morphological, optical, and electrical properties of PANI-ZnO nanocomposites</b> SL Patil, SG Pawar, MA Chougule, BT Raut, PR Godse, S Sen, VB Patil International Journal of Polymeric Materials 61 (11), 809-820	87	2012
<b>Measurements on room temperature gas sensing properties of CSA doped polyaniline-ZnO nanocomposites</b> SL Patil, MA Chougule, S Sen, VB Patil Measurement 45 (3), 243-249	86	2012
<b>Polypyrrole thin film: room temperature ammonia gas sensor</b> MA Chougule, SG Pawar, SL Patil, BT Raut, PR Godse, S Sen, VB Patil IEEE Sensors Journal 11 (9), 2137-2141	71	2011
<b>New Method for Fabrication of CSA Doped PANI- TiO<sub>2</sub> Thin-Film Ammonia Sensor</b> SG Pawar, SL Patil, MA Chougule, BT Raut, PR Godase, RN Mulik, S Sen, ... IEEE Sensors Journal 11 (11), 2980-2985	52	2011
<b>Polyaniline: TiO<sub>2</sub> nanocomposites: Synthesis and characterization</b> SG Pawar, SL Patil, MA Chougule, BT Raut, DM Jundale, VB Patil Arch. Appl. Sci. Res 2 (2), 194-201	52	2010
<b>Growth, characterization and gas sensing properties of polyaniline thin films</b> SG Pawar, SL Patil, AT Mane, BT Raut, VB Patil Arch Appl Sci Res 1 (2), 109-114	47	2009

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Citations	997	336
h-index	18	10
i10-index	19	10



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0 articles	2 articles
not available	available

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- Dr. Vikas Patil  
Professor & Head, Department ...
- Shashwati Sen  
BARC

2)Dr.sanjay Bhagat:- [https://scholar.google.com/citations?user=y\\_oHPIkAAAAJ](https://scholar.google.com/citations?user=y_oHPIkAAAAJ)



Sanjay Bhagat Ph.D

P.V.P.Institute of Technology, Sangli  
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Chemical Engineering Membrane Technology Engg Fabrication



इन्होंने कहा

सभी देखें

	सभी	2019 से
उद्धरण	580	339
h-अनुक्रमणिका	8	7
i10-अनुक्रमणिका	7	6

टाइटल

इन्होंने कहा

वर्ष

EPOXIDATION OF VEGETABLE OILS: A REVIEW

VCR T Saurabh, M Patnaik, SL Bhagat

297 \*

2011

Extraction of oil from algae by solvent extraction and oil expeller method

SV Khedkar, YP Chavan, SL Bhagat  
Sadguru Publ 9, 1746-1750

116

2011

Biodiesel from algae oil as an alternative fuel for diesel engine

NS Topare, VC Renge, SV Khedkar, YP Chavan, SL Bhagat  
Int J Chem Environ Pharm Res 2, 116-120

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2011

A review on the fuel cells development

MB Patil, SL Bhagat, RS Sapkal, VS Sapkal  
Scientific Reviews & Chemical Communications 1 (1), 25-41

26

2011

Studies on synthesis of biobased epoxide using cottonseed oil

T Saurabh, M Patnaik, SL Bhagat, VC Renge  
Int. J. Adv. Eng. Res. Stud 1 (2), 279-284

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2012

Biodiesel production from Jatropha curcas oil

NS Topare, SG Chopade, SJ Raut, VC Renge, SV Khedkar, SL Bhagat  
International Journal of Chemical Sciences 9 (4), 1607-1612

16

2011

Carbon Dioxide Capture, Tolerance and Sequestration Using Microalgae- A Review

MDG S.L.Bhagat,R.W.Gaikwad  
INTERNATIONAL JOURNAL OF PHARMACEUTICAL, CHEMICAL AND BIOLOGICAL SCIENCES 6 ...

14 \*

2016

Adsorption/desorption, Kinetics and Equilibrium Studies for the Uptake of Cu(II) and Zn(II) onto Banana Peel

PP Sanjay Bhagat, Vidyadhar V. Gedam  
International Journal of Chemical Reactor Engineering 18 (3)

9

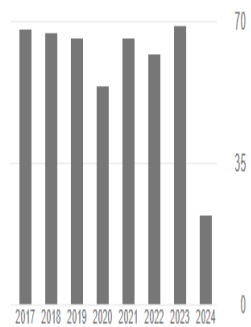
2020

PRODUCTION OF ACTIVATED CARBON FROM SUGARCANE BAGASSES

NS Topare, SG Chopade, S Khedkar, VC Renge, SL Bhagat

6

2011



सह-लेखक

- Niraj S. Topare  
Assistant Professor, School of C... >
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Professor,Chemical Engineering,... >
- Dr. Manesh B. Patil  
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- satish khedkar  
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- Annasaheb Warade  
Savitribai Phule Pune University >

3)Dr.Sanjay pawar:- <https://scholar.google.co.in/citations?user=H3NahqwAAAAJ&hl=en>



**Sanjay Pawar**

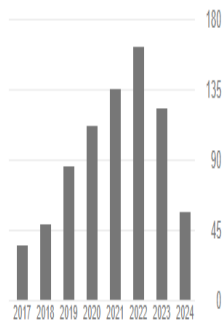
Associate Professor Chemical Engg PVPIT  
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Microalgae Biofuels · CFD modeling and simulation · Industrial Drying



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i10-index	18	16



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Fundamentals of infrared heating and its application in drying of food materials: a review SB Pawar, VM Pratape Journal of Food Process Engineering 40 (1), e12308	131	2017
Effectiveness mapping of open raceway pond and tubular photobioreactors for sustainable production of microalgae biofuel SB Pawar Renewable and Sustainable Energy Reviews 62, 640-653	76	2016
An integrated approach for microalgae cultivation using raw and anaerobic digested wastewaters from food processing industry S Gupta, SB Pawar Bioresour Technol	68	2018
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Computational fluid dynamics (CFD) analysis of airift bioreactor: effect of draft tube configurations on hydrodynamics, cells suspension, and shear rate SB Pawar Bioprocess and Biosystems Engineering	30	2017

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4)Dr.P.P.Awate :- <https://scholar.google.co.in/citations?user=onNhfiAAAAJ&hl=en>



## Dr. Pankaj Awate



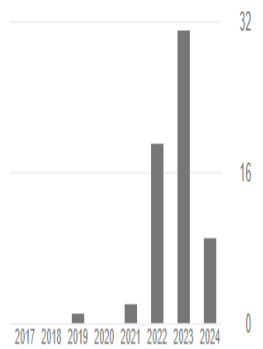
Head of Mechanical Engineering Dept. & Member Board of Governing Council PVPIT Sangli, PG Coordinator  
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Nanocomposite Multi criteria Decision Making Materials Machine Design

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	All	Since 2019
Citations	64	62
h-index	5	5
i10-index	2	2

TITLE	CITED BY	YEAR
Microstructural observation and mechanical properties behavior of Al <sub>2</sub> O <sub>3</sub> /Al <sub>6</sub> O <sub>6</sub> 1 nanocomposite fabricated by stir casting process PP Awate, SB Barve Engineering Research Express 4 (1), 015023	15	2022
Enhanced microstructure and mechanical properties of Al <sub>6</sub> O <sub>6</sub> 1 alloy via graphene nanoplates reinforcement fabricated by stir casting PP Awate, SB Barve Functional Composites and Structures 4 (1), 015005	14	2022
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TOPSIS & EXPROM2 multicriteria decision methods for Al <sub>2</sub> O <sub>3</sub> /Al <sub>6</sub> O <sub>6</sub> 1 nanocomposite selection PP Awate, SB Barve Materials Today: Proceedings 46, 8352-8358	8	2021
Study on fabrication and characterization of aluminium metal matrix composites and nanocomposites PP Awate, SB Barve Journal of Applied Science and Computations 6 (5), 2620-2629	6	2019
Graphene/Al <sub>6</sub> O <sub>6</sub> 1 nanocomposite selection using TOPSIS and EXPROM2 multi-criteria decision-making methods PP Awate, SB Barve Materials Today: Proceedings 62, 6425-6431	4	2022
Graphene/Al <sub>6</sub> O <sub>6</sub> 1 nanocomposite for aerospace and automobile application PP Awate, SB Barve, P Pesode, SS Shinde Materials Today: Proceedings	3	2023
Review of composite material mono leaf spring	3	2014



Co-authors



5)Dr.A.P.Shrotri:- <https://scholar.google.co.in/citations?user=nw2x8K8AAAAJ&hl=en>



## Prof. A.P. Shrotri

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Associate professor

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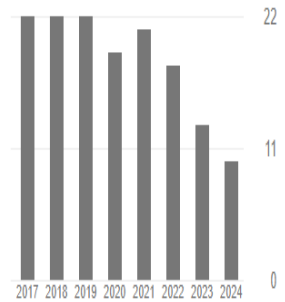
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TITLE	CITED BY	YEAR
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<a href="#">Management of uncertainty in supply chain</a> DP Patil, AP Shrotri, AR Dandekar International Journal of Emerging Technology and Advanced Engineering 2 (5 ...	31	2012
<a href="#">Design and Development of a Special Purpose Bidirectional Mixer to Maximize Agitating Performance</a> PNSM Prof. A. P. Shrotri, Prof. D.P.Patil, Prof.V.P.Patil International Journal of Modern Studies in Mechanical Engineering (IJMSME) 1 (1)	28 *	2015
<a href="#">PPAP an effective tool for vendor quality management</a> AP Shrotri, AR Dandekar International Journal of Emerging Technology and Advanced Engineering 2 (4 ...	19	2012
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<a href="#">Infrared imaging of hand vein patterns for biometric purposes</a> A Shrotri, SC Rethrekar, MH Patil, D Bhattacharyya 보안공학연구논문지 6 (1), 57-66	12	2009
<a href="#">IR-webcam imaging and vascular pattern analysis towards hand vein authentication</a> A Shrotri, SC Rethrekar, MH Patil, SN Kore 2010 The 2nd International Conference on Computer and Automation Engineering ...	10	2010
<a href="#">Experimental Investigation of Natural Convection Heat Transfer from a Fin Array-A Review</a> SA Wani, AP Shrotri, AR Dandekar International Journal of Modern Studies in Mechanical Engineering 2 (1)	8	2016
<a href="#">A comparative study for selection of effective electrolyte solution for electrochemical discharge</a>	8	2015

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Assistant Professor >
- [Subhash Kore](#)  
PVPIT Budhgaon >

6)Mr.V.P.Pati:- <https://scholar.google.co.in/citations?user=PA98IIAAAAJ&hl=en>



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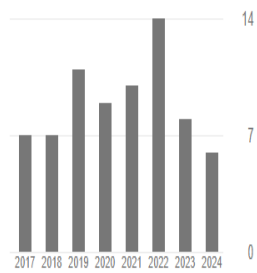
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<a href="#">A review on effect of addition of nano particles on tribological properties of lubricants</a> SJ Patil, DP Patil, AP Shrotri, VP Patil Int. J. Mech. Eng. Technol 5 (11), 120-129	35	2014
<a href="#">Design and Development of a Special Purpose Bidirectional Mixer to Maximize Agitating Performance</a> NSM Dattatraya P. Patil, Amod P. Shetri, Vishal P. Patil	28 *	2015
<a href="#">A Review paper based on Design and Development of An Onion Harvesting Machine</a> PAR Indrāja Dandekar, Ajkhilesh Joshi, Prof. Vishal P. Patil, Dandekar, Prof ... Journal of Information and Computational Science 9 (12), 333-337	15	2019
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<a href="#">Magnetohydrodynamics: a emerging trend to enhance heat transfer in Air Conditioning System</a> AP SHROTRI, MNS Mane, MVP Patil, MSA Wani International Journal Series in Multidisciplinary Research (IJSMR)(ISSN ...	1	2015
<a href="#">Review of changing Scenario of new product developent</a> MAKJ Mr.A.R.Dandekar, Mr.Vishal P.Patil, Mr.Chetan D.Patil Journal of Applied Science and Computations 6 (5), 2589-2593		2019
<a href="#">Design and Development of Motorized Hydraulic Valve Test Rig</a> PVPP Prof. S.S.Gunjate, Prof.D.P.Patil,Prof.R.D.Patil,Prof.S.P.Mane International Journal of Recent Advance in Science and Engineering 6 (1 ...		2019
<a href="#">Experimental investigations of Noise and vibration levels in Self-Propelled Onion Harvester</a> PGSS Patil Priyanka,Mali Kshitija Belgave Prajakta, Prof.Vishal P. Patil		2019

Co-authors


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7)Mr.A.R.Dandekar :- <https://scholar.google.co.in/citations?user=jIEvsa4AAAAJ&hl=en>



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Quality Management


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<input type="checkbox"/> <a href="#">Management of uncertainty in supply chain</a> <small>DP Patil, AP Shrotri, AR Dandekar International Journal of Emerging Technology and Advanced Engineering 2 (5 ...</small>	31	2012
<input type="checkbox"/> <a href="#">PPAP an effective tool for vendor quality management</a> <small>AP Shrotri, AR Dandekar International Journal of Emerging Technology and Advanced Engineering 2 (4 ...</small>	19	2012
<input type="checkbox"/> <a href="#">Application of Internet of the Things (IOT) for the Water Conservation and Entrepreneurship in the Rural Area</a> <small>A Joshi, I Dandekar, N Hargude, AP Shrotri, AR Dandekar 2019 IEEE Pune Section International Conference (PuneCon), 1-4</small>	13	2019
<input type="checkbox"/> <a href="#">Experimental Investigation of Natural Convection Heat Transfer from a Fin Array-A Review</a> <small>SA Wani, AP Shrotri, AR Dandekar International Journal of Modern Studies in Mechanical Engineering 2 (1)</small>	8	2016
<input type="checkbox"/> <a href="#">Essential requirements of PPAP</a> <small>AP Shrotri, AR Dandekar, SB Khandagale International Journal of Technological Exploration and Learning 3 (3), 502-505</small>	6	2014
<input type="checkbox"/> <a href="#">Design failure mode effect analysis of a Centrifugal oil cleaner and plan for validation of the DFMEA</a> <small>APS A.R.Dandekar,N.V.Hargude,S.S.Chitale,G.S.Joshi International journal of current engineering and scientific research 3 (1 ...</small>	4	2016
<input type="checkbox"/> <a href="#">The Challenge of Unemployment and Entrepreneurship Before Rural India and Its Solution Through the Foundry Business Using Traditional Indian Knowledge System</a> <small>A Dandekar, A Joshi, I Dandekar, N Hargude, A Shrotri, S Kulkarni Techno-Societal 2020: Proceedings of the 3rd International Conference on ...</small>	2	2021
<input type="checkbox"/> <a href="#">A REVIEW OF APPLICATION OF SOME PRODUCT DEVELOPMENT TECHNOQUES APPLIED IN ENGINEERING INDUSTRY</a> <small>AR Dandekar, GS Joshi, AP Shrotri, SB Khandagale IJDET: International Journal of Research in Engineering and Technology 4 (10)</small>	1	2015



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Associate professor


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**akhilesh joshi**  
Student , PVPIT Budhgaon


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Head of Mechanical Engineering...


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**A.A. Kumbhojkar**  
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- 

**NITIN PATIL**  
Assistant Professor of Mechanic...





Year	Citations
2017	10
2018	12
2019	8
2020	6
2021	9
2022	8
2023	8
2024	4

8)Mr.N.D.Patil:- [https://scholar.google.co.in/citations?user=Y6vHn\\_UAAAAJ&hl=en](https://scholar.google.co.in/citations?user=Y6vHn_UAAAAJ&hl=en)





## NITIN PATIL

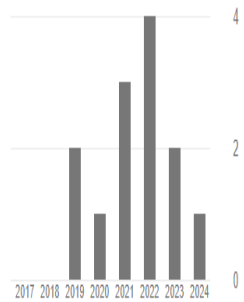
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<a href="#">Design and fabrication of hydraulic bearing puller and pusher</a> RY Suryawanshi, PS Ramteke, N Patil, D Kumar, AV Vanalkar International Journal for Innovative Research in Science & Technology 1 (11 ...	7	2015
<a href="#">Transformer testing and analysis using MATLAB/Simulink</a> N Patil, JH Patil IJIRST-Int J Innov Res Sci Technol 2 (02), 313-318	3	2015
<a href="#">Review of composite material mono leaf spring</a> NV Hargude, ND Patil, PP Awate International Journal of Emerging Technology and Advanced Engineering 4 (5 ...	3	2014
<a href="#">Design and Analysis of Transformer using MATLAB</a> N Patil, JH Patil International Journal of Science Technology and Engineering 1 (12), 23-28	2	2015
<a href="#">A review of Design &amp; Development of two wheeler lifting mechanism</a> PND Patil International Journal for Innovative research in science & technology 4 (11)		2018
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<a href="#">Review of side stand Retrieving system</a> PND Patil international journal of scientific research & development 5 (2)		2017
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9)Mr.S.A.Wani:- <https://scholar.google.co.in/citations?user=DtjhCTcAAAJ&hl=en>



## Prof. S.A. Wani

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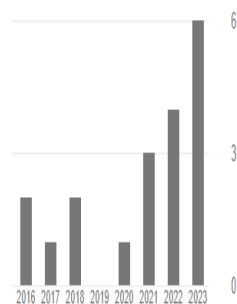
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TITLE	CITED BY	YEAR
<a href="#">Experimental Investigation of Natural Convection Heat Transfer from a Fin Array-A Review</a> SA Wani, AP Shrotri, AR Dandekar International Journal of Modern Studies in Mechanical Engineering 2 (1)	8	2016
<a href="#">RT-PCR based assay for detection of Newcastle disease virus isolated from poultry in Kashmir</a> R Maqbool, SA Wani, A Wali, Z Kashoo, P Dar, S Qureshi, I Hussain, ... Journal of Entomology and Zoology Studies 5, 1835-1839	3	2017
<a href="#">Health problems of Changra goats in Changthang and adjoining Trans-Himalayan area of Ladakh</a> A Mariam, MS Mir, S Khan, OK Baba, ZA Kashoo, HM Khan, AH Sofi, ... Journal of Entomology and Zoology Studies 6 (6), 1322-1325	2	2018
<a href="#">Isolation, prevalence and molecular toxinotyping of Clostridium perfringens from healthy and diseased sheep of Kashmir, India</a> S Shoukat, ZH Munshi, SA Wani, M Ali, ZA Kashoo, SA Shah, H Wani, ... J Entomol Zool Stud 6 (6), 805-8	2	2018
<a href="#">A review on effect of vortex generators on flow characteristics and heat transfer in heat exchangers</a> SA Wani, SR Patil, AP Shrotri Int J Eng Sci Res Technol 4 (2), 509-513	2	2015
<a href="#">Detection of bovine group-A rotavirus by reverse transcriptase-polymerase chain reaction.</a> SA Wani, MA Bhat, SM Ishaq, SQ Sabia Qureshi	2	2005
<a href="#">Molecular Characterisation of Clostridium perfringens Type D Isolated from Sheep in Kashmir Himalayas, India</a> ZA Kashoo, SA Wani, AH Wani, SM Khan, S Qureshi, I Hussain, S Farooq, ... Int. J. Curr. Microbiol. App. Sci 7 (8), 3682-3688	1	2018
<a href="#">Detection and pathotyping of Newcastle Disease virus from poultry in Kashmir</a> R Maqbool, SA Wani, A Wali, A Shah, ZA Kashoo, PS Dar, MY Ganai, ... BAQJ Microbiology 3 (1), 025	1	2017

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10) Miss. Seema Mane :- <https://scholar.google.co.in/citations?user=WpXdTNgAAAAJ&hl=en>



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Manufacturing Production

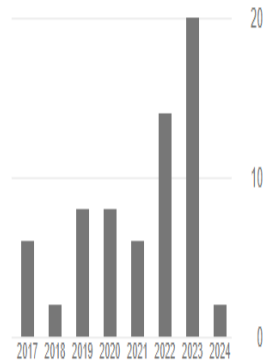


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h-index	5	4
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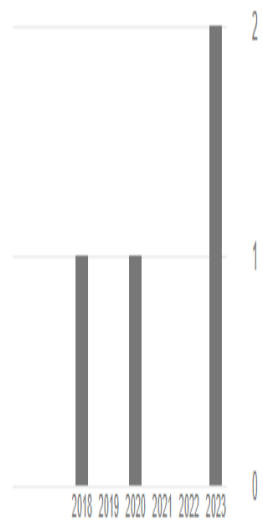
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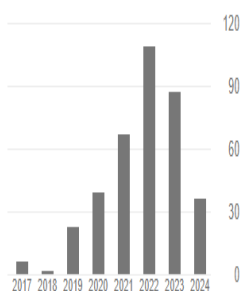
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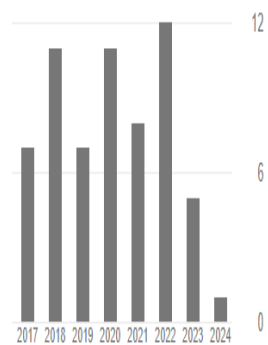
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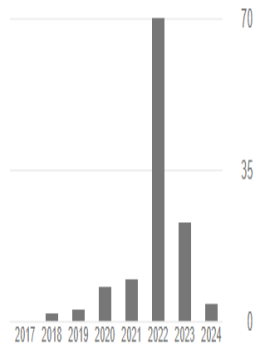
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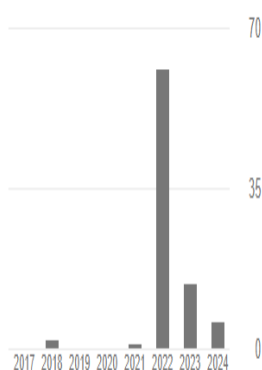
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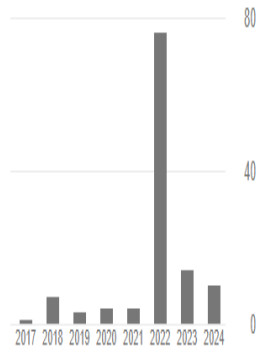
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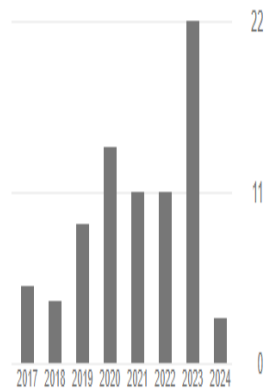
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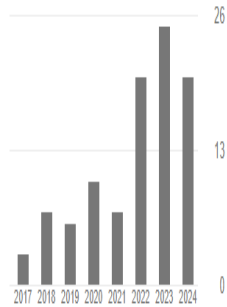
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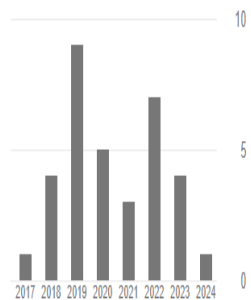
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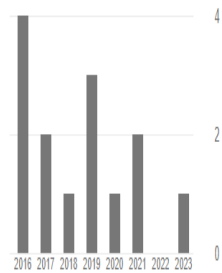
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Heat Transfer Fluid Mechanics Process Design

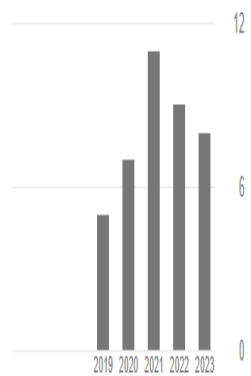


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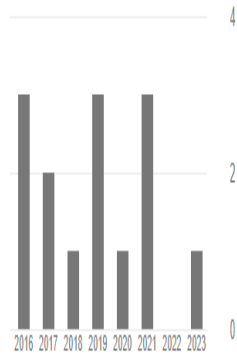
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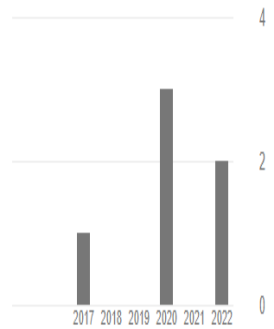
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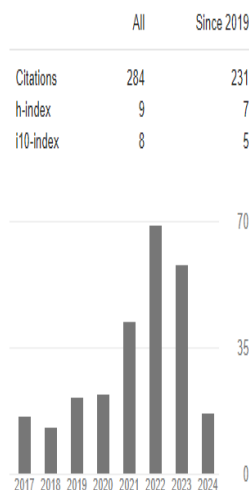
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