


SRES', Sanjivani College of Engineering, Kopargaon
(An Autonomous Institute affiliated to SPPU, Pune)

Staff Profile

Personal Information			
Name of Teaching Staff: Ramakant Pandey			
Designation: Assistant Professor			
Department: Mechanical Engineering			
Date of joining: 28/02/2022			
E Mail ID:	ramakantpandey19@gmail.com, pandey.ramakant@yahoo.co.in		
Contact No:	8126996559, 8056414351		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	B.E (Mechanical)/ I class	RGPV, Madhya Pradesh	2009
PG	M.Tech (Fluids Engineering)/ I Class	MNNIT Allahabad, U.P	2012
Ph.D	Energy Engineering	NIT Tiruchirappalli, Tamil Nadu	
Total experience in years:			
Teaching:	2 Years		
Industry:	10 Months		
Research:	2 Years		
Research and Publications			
Author(s),Title of Article,Name of Journal,Volume(Issue),ISSN :xxxx-xxxx, pp:x-x,Month-Year [Download Link]			
1. Ramakant Pandey, Akhilesh Sahu, Vasumathi K. K, Premalatha M, Studies on light intensity distribution inside an open pond photo-bioreactor, Bioprocess Biosyst Eng. 38, (2015) 1547-1557.			

DOI: 10.1007/s00449-015-1398-3 (*Impact Factor-3.21*)

(<https://link.springer.com/article/10.1007%2Fs00449-015-1398-3>)

2. Ramakant Pandey, M. Premalatha, Design and analysis of flow velocity distribution inside a raceway pond using computational fluid dynamics, Bioprocess Biosyst Eng, March 2017, volume 40, issue 3, pp439-450.

DOI: 10.1007/s00449-016-1712-8 (*Impact Factor-3.21*)

(<https://link.springer.com/article/10.1007%2Fs00449-016-1712-8>)

3. K.K. Vasumathi, E.M. Nithiya, Ramakant Pandey, M. Premalatha, Studies on the effect of wind speed on loss of carbon dioxide during bio sequestration. International journal of hydrogen energy, Volume 42, Issue 42, 19 October 2017, Pages 26555-26562. (issn. 0360-3199). (*Impact Factor -5.81*)

DOI: [10.1016/j.ijhydene.2017.07.083](https://doi.org/10.1016/j.ijhydene.2017.07.083)

(<https://www.sciencedirect.com/science/article/abs/pii/S0360319917329099>)

Papers presented in conferences:

Author(s), Title of Article, Name of Conference, Place, Month-Year [Download Link]

1. Raghu K. Moorthy, Ramakant Pandey, Premalatha M., Computational Fluid Dynamics of Gas-Solid Microreactor for Heterogeneous Catalysis, International Conference on Emerging Trends in Engineering (Yukthi-2021), Government Engineering College, Kozhikode 24-26th September 2021. SSRN Electronic Journal.

Link: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3990118

DOI: 10.2139/ssrn.3990118

2. Akshoy Ranjan Paul, Ramakant Pandey, Aman Jindal, Prakhar Kant Tiwari, Anuj Jain, "Studies of Drag on Square Cylinder with Upstream Rod in Staggered Arrangement", Proceedings of 6th National Conference on Wind Engineering (NCWE-2012), 14-15 December 2012, New Delhi, Paper ID: 1207, pp. 169-179, ISBN: 9788192554808. (A Conference organized by CSIR and CBRI-IIT Roorkee).

Link: http://www.researchgate.net/publication/264742742_Studies_of_Drag_on_Square_Cylinder_with_Upstream_Rod_in_Staggered_Arrangement			
Research Profile URL			
Google Scholar	https://scholar.google.co.in/citations?user=2ZmTxqoAAAAJ&hl=en&oi=ao		
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56754588900		
Orcid	https://orcid.org/0000-0003-4231-2689		
Other Research Details			
Ph D Guide ?Give field & University:			
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Books Published			
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Professional Memberships:			
Interaction with professional institutions			
Consultancy Activities			
Duration	Title of Activity	Issued Organization	Amount
Grants fetched			
Duration	Title	Issued Organization	Amount
Awards			
Please write/type Here			
FACULTY DEVELOPMENT PROGRAMMES ATTENDED			
Name of the FDP / Workshop	Organization	Duration	Month-Year

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED			
Name of the FDP / Workshop	Organization	Duration	Month-Year
INVITED LECTURES IN CONFERENCE/SEMINAR			
Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized By	

OTHER Professional URLs	
Personal Website	https://iitb.irins.org/profile/148110
Linked In Profile	https://www.linkedin.com/in/ramakantpandey19/
GitHub URL	
YouTube Channel	https://www.youtube.com/c/Researcher1
Other	

Any Other:

- Postdoctoral Research Fellowship, IIT Bombay, 2019-21
- DST Research Fellowship for Ph.D, 2013-16
- MHRD Scholarship for M.Tech, 2010-12
- NCC 'C' Certificate From 1 MP CTR Unit, Bhopal, Madhya Pradesh

