



Savitribai Phule Pune University
Annual Report Information 2023-2024
Planning and Development



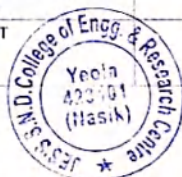
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College Details			
1. Name Of the Department/College/Institute	: Jagdamba Education Society S.N.D. College of Engineering and Research Center Addr: At and Post -Babhulgaon Ta: Yeola Dist: Nashik	2. Address Of the Department/College/Institute	: At and Post -Babhulgaon Ta: Yeola Dist: Nashik Pincode: 423401
3. Name Of the Head/Principal/Director	: Dinkar Manik Yadav	4. Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	: Tele.- 02559-225011 Email- sndcoe.principal@gmail.com URL- www.sndcoe.ac.in

5. Reference Books/Monographs Published by Teacher (2023-2024) :					
Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Gade Somnath Ashok	INFORMATION STORAGE AND RETRIEVALS	BOOKSCLINIC PUBLISHING	2023	978-93-5535-834-9 / 00
2	Ahmad Fareed ,Iqbal Atif	Empowering E-Mobility: Innovative Models and Solutions for Electric Vehicle Charging Infrastructure	Eliva Press	2023	978-99993-1-039-0 / NA
3	Abhale Babasabeh Annasabeh	Information Retrieval and Storage	Booksclinic Publishing	2023	978-93-5535-834-9 / 0
4	Ansari Ubaidurrahman Salik Ahmed	Industrial Waste Water Treatment: Process & Procedure	AGPH Books, Bhopal MP.	2023	978-81-19025-29-9 / 978-81-19025-29-9
5	Ahmad Fareed	Technical and economic evaluation of renewable powered electric vehicle charging loads for New Delhi region	Taylor and Francis	2024	9781003481065 / NA

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2023-2024)			
Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	NA	NA	NA

7. Research Publications in National and International Journals/Edited Books/Proceedings (2023-2024)						
Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Phiske Sachin Ganeshrao	A review on design of 2wh hybrid e vehicle by matlab simulink	IJODST	3 & 5	2023	0 / 2582-6026

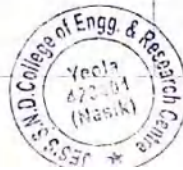




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2	Pote Rohit Kailas	Parametric Investigation of Three Adjacent Multi-Degree-of-Freedom Systems Under Surface Blast Action	Journal of Vibration Engineering & Technologies	12 & 7	2024	2523-3939 / 2523-3939
3	Ahmad Fareed	A Comprehensive Analysis of Electric Vehicle Charging Infrastructure, Standards, Policies, Aggregators and Challenges for the Indian Market	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	45 & 86018622	2023	NA / 1556-7036
4	Ahmad Fareed	Placement and Capacity of EV Charging Stations by Considering Uncertainties With Energy Management Strategies	IEEE Transactions on Industry Applications	59 & 3865	2023	0093-9994 / 0093-9994
5	Ahmad Fareed	Placement of electric vehicle fast charging stations in distribution network considering power loss, land cost, and electric vehicle population	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	44 & 16931709	2023	1556-7036 / 1556-7036
6	Ahmad Fareed	Techno-economic assessment of grid and renewable powered electric vehicle charging stations in India using a modified metaheuristic technique	Energy Conversion and Management	284 & 116995	2023	NA / 0196-8904
7	Ahmad Fareed	Energy management strategies and cost benefits analysis at electric vehicle parking lots incorporating photovoltaic energy generation and energy storage system	Journal of Energy Storage	92 & 112105	2024	NA / 2352-152X
8	Ahmad Fareed	Zemike radial basis neural network control of DC-DC power converter driven permanent magnet DC motor: design and experimental validation	Electrical Engineering	106 & 38653874	2024	1432-0487 / 1432-0487





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9	Ahmad Fareed	Allocation of plug-in electric vehicle charging station with integrated solar powered distributed generation using an adaptive particle swarm optimization	Electrical Engineering	106 & 38653874	2024	1556-7036 / 1556-7036
10	Pawar Avinash Uttam	Impact of new education Policy 2020 on higher education	Anvesak	53 & 4	2023	- / 0378-4568
11	Pawar Avinash Uttam	Awareness and Knowledge of National Education Policy 2020 Amongst Students of Nashik District	Anvesak	53 & 5	2023	- / 0378-4568
12	Pawar Avinash Uttam	Employee Welfare Measures in shree Sai Power control PVT.LTD Kopergaon	Anvesak	53 & 7	2023	- / 0378-4568
13	Thakare Vishal Raghunath	AUTOMATED JOB REJECTION AND COUNTING SYSTEM	INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING	52 & 5	2023	0970-2555 / 0970-2555
14	Pawar Harjitekumar Uttamrao	IRRIGATION OF ROADSIDE TREES BY USING SPEED BREAKER	International Research Journal of Modernization in Engineering Technology and Science	5 & 4	2023	ISSN: 2582-5208 / ISSN: 2582-5208
15	PAWAR HARJITKUMAR UTTAMRAO	Defect Categorization of Ribbon Blender Worm Gearbox Worm Wheel and Bearing Based on Artificial Neural Network	Eksplotacja i Niezawodność – Maintenance and Reliability	26 & 18	2024	1507-2711 / 1507-2711
16	PAWAR HARJITKUMAR UTTAMRAO	AN INVESTIGATION BY TESTING PERFORMANCE AND COMPARATIVE ANALYSIS OF SUPER GLUE BOND, ADHESIVE BOND AGAINST ULTRASONIC PLASTIC WELDED JOINT OF TWO OVERLAPPED JOINTS OF THERMOPLASTICS	CORROSION AND PROTECTION	51 & 12	2023	1005-748X / 1005-748X

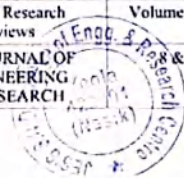




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17	Pawar Harjtkumar Uttamrao	JOINT ANALYSIS OF STEEL BEAM-CFST COLUMNS CONFINED WITH CFRP BELT AND REBAR EMPLOYING FINITE ELEMENT METHOD	China Petroleum Processing and Petrochemical Technology	23 & 19	2023	1008-6234 / 1008-6234
18	Pawar Harjtkumar Uttamrao	DESIGN AND EVALUATION OF A STEEL STRUCTURE FOR GRADUAL COLLAPSE	European Chemical Bulletin	12 & 16	2023	20635346 / ISSN 2063-5346
19	Ansari Ubaidurrahman Salik Ahmed	Enhancing the performance of Geopolymer Concrete with the additional of Silica Fume	Lecture Notes in Civil Engineering	3 & 10	2024	2366-2565 / 2366-2565
20	Ansari Ubaidurrahman Salik Ahmed	Ecological Footprint Assessment of Concrete Using e-Waste	Environmental Assessment of Recycled Waste, Environmental Footprints and Eco-design of Products and Processes	1 & 14	2023	978-981-19-8322-1 / 978-981-19-8323-8
21	Aher Harshal Ramesh	SOLAR POWER AUTOMATED AGRICULTURE MACHINE	International Research Journal of Modernization in Engineering Technology and Science	05 & 4	2023	- / ISSN:2582-5208
22	Pote Rohit Kailas	Design of Water Distribution System Using EPANET 2.0	IJRET	5 & 3	2023	2582-5208 / 2582-5208
23	Pote Rohit Kailas	Structural pounding of three adjacent multi degree of freedom system under subsurface blast and seismic action by considering and ignoring the effect of soil structure interaction	Materials Today: Proceedings	1 & 9	2023	2214-7853 / 2214-7853
24	Savant Sachin Govind	DESIGN AND FABRICATION OF PNEUMATICALLY OPERATED SUGARCANE BUD CUTTING MACHINE	International Research Journal of Modernization in EngineeringReviews	Volume: 06 & 4	2024	nil / 2582-5208
25	Savant Sachin Govind	Pneumatically Sugarcane Bud-Cutting Machine "	International Journal of Research Publication and Reviews	Volume 4 & 4	2023	- / 2582-7421
26	Gade Somnath Ashok	Brain tumour and tissue classification using deep learning	INTERNATIONAL JOURNAL OF SCIENCE AND ENGINEERING DEVELOPMENT RESEARCH	Volume 8 & 6	2023	2455-2631 / 2455-2631





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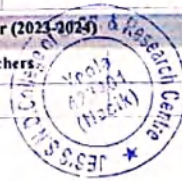
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27	Gade Somnath Ashok	SMART MEDICAL CARD USING MACHINE LEARNING	International Research Journal Of Modernization in Engineering Technology and Science	05 & 8	2023	2582-5208 / 2582-5208
28	Singh Pradeep Kumar	review of machine learning techniques for prediction in delay in flight	jetir	10 & 154	2023	2310114 / 2349 5162
29	Ahmad Fareed	Electric Vehicle Fast Charging Station Location and Capacity Planning Model Using Butterfly Optimization Algorithm	2023 International Conference on Recent Advances in Electrical, Electronics & Digital Healthcare Technologies (REEDCON)	6	2023	NA / NA
30	Ahmad Fareed	Optimal Sizing of Renewable Generation and Battery Energy Storage System for Electric Vehicles Considering Energy Management Strategy	2023 IEEE International Transportation Electrification Conference (ITEC-India)	6	2023	NA / NA
31	Yeole Sandip Shankar	Design of Two -Wheeler Hybrid Electric Vehicle using Series Parallel Configuration	3rd International Conference on AI& Smart Energy ICAIS 2023	4	2023	978-1-6654-6216-7 /
32	Ahmad Fareed	Placement of FCS Considering Power Loss, Land Cost, and EV Population	2023 International Conference on Power, Instrumentation, Energy and Control (PIECON)	6	2023	NA / NA

8. Research Projects/Schemes Undertaken by Teachers (2023-2024)							
Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2023-2024)			
Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	5	25	1

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2023-2024)				
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	3	0	0	0



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11. Grants Sanction for Funding Agency (2023-2024)					
Sr. No.	UGC	DST DRT RVoc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	1	0

12. Faculty Wise Enrollment Of Students (2023-2024)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	97	15	1	2	0	4	7	13	73	3	0	215
	MALE	163	19	4	8	0	6	11	16	100	3	0	330
	TOTAL	260	34	5	10	0	10	18	29	173	6	0	545

13. Statistical Information about Teacher for Academic Year (2023-2024)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(D)	0	0	0	1	0	1
2	OBC	0	0	0	6	0	6
3	OPEN	0	0	0	23	4	27
4	SC	0	0	0	2	1	3
	Total	0	0	0	32	5	37

14) Environment Conservation :





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Tree Plantation Drive :

Number of Programmes Arranged	Number of Trees Planted
2	100

River Conservation :

Number of Programmes Arranged	Total Number of Participants
0	0

Soil Conservation :

Number of Programmes Arranged	Total Number of Participants
0	0

Water Conservation :

Number of Programmes Arranged	Total Number of Participants
1	50

Any Other :

Name of Programmes Arranged	Number of Programmes Arranged	Total Number of Participants
1	1	100

15) Sports Competition :

Type	Total Number of Programs Arranged	Total Numbers of participants In each program	Total Number of Award Win(Upto Third Rank)
CollegeLevel	2	20	0
StateLevel	1	1	0

16) New Voter Registration Campaign :

Total Number of Programs Arranged	Total Number of Participants
2	450





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17) Cultural Activities :

Activity Type	Level	Total number of Competitions Arranged	Total number of Participants
Dance Competition	CollegeLevel	2	20

18) Blood Donation Campaign :

Total Number of Campaigns Arranged	Total Number of Participants	Total Units of Blood Collected
2	20	15

19) Cleanliness Campaign :

Total Number of Campaigns Arranged	Total Number of Participants
3	100

20) Women Empowerment & Security:

Total Number of Programs Arranged	Total Number of Participants
1	250

21) Seminar :

University Level :

Total Number of Seminars Arranged	Total Number of Participants
0	0

State Level :

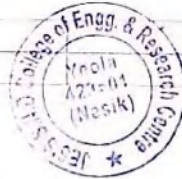
Total Number of Seminars Arranged	Total Number of Participants
0	0

National Level :

Total Number of Seminars Arranged	Total Number of Participants
0	0

International Level :

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Total Number of Seminars Arranged	Total Number of Participants
0	0

22) Placement Activity :

No. of Campus Drives	No. of Student Participants in Campus Drives	No. of companies visited for campus drives	No. of Student Placed (UG)	No. of Student Placed (PG)	Total Number of Placements done
8	284	6	194	194	194

23) Student Exchange and Faculty Exchange Program :

Total Number of Student Exchange Programs Arranged	Total Number of Students went under Student Exchange Program	Total Number of student Participated in Student Exchange	Total Number of student hosted from other MSBTE SAP
0	0	0	0
Total Number of Faculty Exchange Programs Arranged	Total Number of Students went under Teachers Exchange Program	Total Number of Faculty Participated in Faculty Exchange	Total Number of Faculty hosted from other MSBTE TAP
0	0	0	0

24) Constitution Week Campaign :

Total Number of Programs Arranged	Total Number of Participants
1	50

25) Conduction of value Enhancement Courses (Swayam,Other,Cyber Security):

Total Number of Programs Arranged	Total Number of Participants
1	50

26) Memorendum of Understanding :

Internship MOU :

During the Year	Total
2023-24	5

National / Collaboration MOU :

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Number of MoUs	Total
2023-24	5

International / Collaboration MOU :

Number of MoUs	Total
0	0

27) Mental health Awareness Campaign :

Total Number of Programs Arranged	Total Number of Participants
1	200

28) Research Paper Patent :

Total Number of Research Paper Published in peer reviewed Journals	Total Number of Research Paper Published in UGC CARE listed Journals	Total Number of Patent Registered
23	23	3

29) Institutional Award College/Institute :

Regional	National	International
0	0	0

30) Awards :

	Faculty Awards	Student Awards
Regional	0	0
National	0	0
International	0	0

31) Academic Excellence:

Faculty Research	Peer Recived	UGC Care
Scopes/Web of square similar		





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20	20	10
Student Research	10	

32) Grant:


Research	0	Other	0
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33) Paper Publication:

Dessrtation at Masters Level	10
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Date : 13/11/2024
Place : Yeola .




Signature
HOD/Principal/Director
Principal
JES'S H.D. College of Engineering &
Research Centre
Subtilgaon, Yeola, Dist. Nashik (M. S.)