



AR2406576

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

College Details

1.	Name Of the Department/College/Institute	:	Kalyani Charitable Trust Kalyani Charitable Trust's Late G. N. Sapkal College of Engineering Addr: SAPKAL KNOWLEDGE HUBKALYANI HILLSANJANERITRIMBKE SHWAR ROADNASHIK Ta: Tryambakeshwar Dist: Nashik	2.	Address Of the Department/College/Institute, Autonomous College	:	Address- SAPKAL KNOWLEDGE HUBKALYANI HILLSANJANERITRIMBKE SHWAR ROADNASHIK Ta: Tryambakeshwar Dist: NashikPincode: 422212 Autonomous College- No
3.	Name Of the Head/Principal/Director	:	Sahebrao Bhaurao Bagal	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 02594-220168 Email- gns_engineering@sapkalknowledgehub.org URL- www.sapkalknowledgehub.org

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	NA	NA	NA	NA	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	4	0	0

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	Bankar Savita Rahul	A Novel Design of Hybrid Energy storage system for Electric	International Journal of creative research thoughts	11 & 4	2023	23202882 / 23202882
2	Badgujar Tushar Yashawant	Prediction of burr height formation in sheet metal trimming processes using acoustic signals and an artificial neural network	International Journal of Mechatronics and Manufacturing Systems	16 & 15	2023	0000-0000 / 1753-1039
3	Talmale Poonam Sudhakar	Nanofluids, micro-lubrications and machining process optimisations -a review	Manufacturing Review	10 & 20	2023	-- / 2265-4224



AR2406576

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

4	Pardeshi Rahul Tarachand, Patil Yogesh Deoram	3D Finite-Element Analysis of Innovative Coconut Palm Stem Shaped Headed Shear Connectors	Structures and Buildings	0 & 12	2023	0 / 0965-0911
5	Kolhe Vikram Ashok	Mechanical and Tribological Behavior of LM26/SiC/Ni-Gr Hybrid Composites	Journal of Composites Science	7 & 20	2023	NA / 2504-477X
6	Kolhe Vikram Ashok	Performance Evaluation of Heat Pipe Heat Exchanger with Nanofluid: An Experimental Study	Letters in Applied NanoBioScience	12 & 11	2023	NA / 2284-6808
7	Kolhe Vikram Ashok	Parameter optimization of coriolis mass flow meter in laminar flow regime using Doe-Taguchi method	Journal of Thermal Engineering	9 & 15	2023	NA / 2148 -7847
8	Kolhe Vikram Ashok	Evaluation of omega-shaped Coriolis mass flow meter for laminar flow	Journal of Computational and Applied Research in Mechanical Engineering	NA & 11	2023	NA / 2228-7922
9	Kolhe Vikram Ashok	Thermal modeling of temperature for cabinet solar dryer	Journal of Postharvest Technology	11 & 9	2023	NA / 2348-4330
10	Kolhe Vikram Ashok	Tribological and microstructure studies of LM26/SiC metal matrix composite materials and structures for high temperature applications	Materials Research Express	NA & 30	2023	NA / 2053-1591
11	Pardeshi Rahul Tarachand	Innovative Steel Penon Plate- Headed Stud of Shear Connectors for Composite Structures	Advances in Technology Innovation	8 & 15	2023	NA / 2518-2994
12	Pardeshi Rahul Tarachand	RESEARCH ON THE APPROPRIATE RESTRICTION OF HAZARDOUS ELEMENT IN TOYS AND RISK ANALYSIS OF CHEMICAL HAZARDS BASED ON THE CASE OF EU CHILDREN'S GOODS RECALLED	European Chemical Bulletin	12 & 5	2023	NA / 2063-5346



AR2406576

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

13	Pardeshi Rahul Tarachand	RESPONSE SPECTRUM TECHNIQUE STUDY OF HIGH-RISE MULTISTORY STRUCTURE WITH AND WITHOUT SHEAR WALL	European Chemical Bulletin	12 & 11	2023	NA / 2063-5346
14	Pardeshi Rahul Tarachand	CONCRETE QUALITIES AND THE USE OF CERAMIC POLISHING WASTE POWDER AND WATER GLASS	European Chemical Bulletin	12 & 12	2023	NA / 2063-5346
15	Pawar Ravindra Uttam	A NOVEL DESIGN OF HYBRIDE ENERGY STORAGE SYSTEM FOR ELECTRIC	INTERNATIONAL JOURNAL OF CREATIVE RESERCH THOUGHTS	11 & 4	2023	23202882 / 23202882
16	Pardeshi Rahul Tarachand, Patil Yogesh Deoram, Singh Prakash Abhiram	Performance evaluation of triangular and circular bulged perforated headed stud shear connector in composite junction	Structures	53 & 19	2023	NA / 2352-0124
17	Pardeshi Rahul Tarachand	Development of novel concave shear connector to enhance the composite behavior	Materials Today: Proceedings	11	2023	NA / 2214-7853

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
1	Pratik Dhange	Engineering	AI BASED ONLINE ASSESSMENT BY USING SMART INFRASTR	Other	05/03/2023-08/06/2024	15000	Major

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	2	9	0

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	11	0	0	0



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



AR2406576

11.	Grants Sanction for Funding Agency (2023-2024)				
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	NA	NA	NA	NA	NA

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	20	15	1	5	0	2	1	7	51	0	0	102
	MALE	27	17	7	2	0	1	5	10	98	0	0	167
TOTAL		47	32	8	7	0	3	6	17	149	0	0	269

13.	Statistical Information about Teacher for Academic Year (2023-2024)						
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(B)	0	0	0	1	0	1
2	NT(D)	0	0	0	1	0	1
3	OBC	1	1	2	8	2	10
4	OPEN	1	0	1	15	10	25
5	SC	1	0	1	2	1	3
	Total	3	1	4	27	13	40



AR2406576

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

14) Environment Conservation :

Tree Plantation Drive :

Number of Programmes Arranged	Number of Trees Planted
1	500

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	72

Any Other :

Name of Programmes Arranged	Number of Programmes Arranged	Total Number of Participants
0	0	0

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	0	0	0
UniversityLevel	0	0	0
StateLevel	0	0	0
NationalLevel	0	0	0



AR2406576

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

InternationalLevel	0	0	0
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16) New Voter Registration Campaign :

Total Number of Programs Arranged	Total Number of Participants
0	0

17) Cultural Activities :

Activity Type	Level	Total number of Competitions Arranged	Total number of Participants
Oratorical Competition	CollegeLevel	0	0
Debate Competition	CollegeLevel	0	0
Dance Competition	CollegeLevel	0	0

18) Blood Donation Campaign :

Total Number of Campaigns Arranged	Total Number of Participants	Total Units of Blood Collected
1	72	72

19) Cleanliness Campaign :

Total Number of Campaigns Arranged	Total Number of Participants
1	100

20) Women Empowerment & Security:

Total Number of Programs Arranged	Total Number of Participants
1	75

21) Seminar :

University Level :

Total Number of Seminars Arranged	Total Number of Participants
0	0

State Level :



AR2406576

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

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 :

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)	Average CTC	Total Number of Placements done
8	300	10	65	0		65

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
0	0

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



AR2406576

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

Total Number of Programs Arranged	Total Number of Participants
0	0

26) Memorandum of Understanding :

Internship MOU :

During the Year	Total
11	11

National / Collaboration MOU :

Number of MoUs	Total
11	11

International / Collaboration MOU :

Number of MoUs	Total
0	0

27) Mental health Awareness Campaign :

Total Number of Programs Arranged	Total Number of Participants
1	57

28) Awarded and Granted 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
4	4	2

29) Institutional Award College/Institute :

Regional	National	International
0	0	0

30) Awards :



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



AR2406576

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

31) NEP 2020 Implementation :

Have any initiatives been taken for the implementation of the National Education Policy (NEP) 2020?

32) NAAC Details :

Has Type	Course Name	Grade	Marks Out Of	Marks Scored	CGPA	Duration From Date	Duration Upto Date
NAAC		Second Cycle			2.89	12/07/2024	11/07/2029

Date :

Place :

Signature
HOD/Principal/Director