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Savitribai Phule Pune University
Annual Report Information 2024-2025
Planning and Development

College Details

1.	Name Of the Department/College/Institute	:	Pune Vidyarthi Griha Pune Vidyarthi Grihas College of Engineering and Shrikrushna S. Dhamankar Institute of Management- Nashik Addr: 206 Behind Reliance Petrol Pump Dindori road Mhasrul Nashik Ta: Nashik Dist: Nashik	2.	Address Of the Department/College/Institute	:	206 Behind Reliance Petrol Pump Dindori road Mhasrul Nashik Ta: Nashik Dist: NashikPincode: 422004
3.	Name Of the Head/Principal/Director	:	Manoj Vasant Bhalerao	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 02536480003 Email- principal@pvgcoenashik.org URL- http://pvgcoenasik.org

5. Reference Books/Monographs Published by Teacher (2024-2025) :

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	Lahare Prasad Ashokrao	Network Security and Cryptography	REST Publisher	2025	9788198520241 /
2	Waghmare Vivek Nivruttirao	Machine Learning Algorithms for Data Driven Intelligent System	Routledge and CRC Press	2024	978 -1032445960 / 978 -1032445960
3	Sonawane Vijay Ramnath	Open Challenges and Research Issues of XAI in Modern Smart Cities	IGI Global	2024	9781668463611 / NA

6. No.of Conference, Symposia, Seminars,Workshops etc. Organized (2024-2025)

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 (2024-2025)

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	Nimse Prajakta Manik	Challenges of Nanotechnology, Nanoscience, Nanobiosensors and Internet of Nano Things with its Applications.	IJARST	4 & 6	2024	ISSN (Online) 2581-9429 / ISSN (Online) 2581-9429
2	Thakare Smita Kishor	integrated Qualitative response assessment system	STM	11 & 7	2024	0 / 2349-9028



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3	Thakare Smita Kishor	GeoPrompt:A mobile Application reminder system on location	STM	11 & 7	2024	00000 / 2349-901X
4	Gore Shukracharya Sampatti	Identification of Dry Waste Management Strategies for Thermal Power Plant Sector	IJARST	4 & 4	2024	2581-9429 / 2581-9429
5	Gore Shukracharya Sampatti	Challenges of Nanotechnology, Nanoscience, Nanobiosensors and Internet of Nano Things with its Applications	IJARST	4 & 6	2024	ISSN (Online) 2581-9429 / ISSN (Online) 2581-9429
6	Gore Shukracharya Sampatti	Implementation of Cloud Based Biometric Attendance System	IJARST	4 & 4	2024	ISSN (Online) 2581-9429 / ISSN (Online) 2581-9429
7	Gore Shukracharya Sampatti	Significance Of Statistics And Mathematics In Artificial Intelligence, Machine Learning, Data Analysis And Data Science.	IJCRT	12 & 8	2024	ISSN: 2320-2882 / ISSN: 2320-2882
8	Jadhav Sonali Bhaskarrao	Improving Educational Performance through Effective Performance Management Systems	Journal of Informatics Education and Research	4 & 9	2024	NO / 1526-4726
9	Shinde Dipali Amol	Music Recommendation Using Facial Recognition	IJIRCCE	12 & 2	2024	- / 2320-9801
10	Shinde Dipali Amol	IoT based digital notice board using pixel LED display	IJIRCCE	12 & 2	2024	- / 2320-9801
11	SHINDE DIPALI AMOL	Landslide Detection and Alert system using IoT	TIJER INTERNATIONAL RESEARCH JOURNAL	11 & 2	2024	- / 2349-9249
12	Shinde Dipali Amol	Pitchpulse:Digital Business Hub	IJIRMP	12 & 2	2024	- / 2349-7300
13	Jadhav Vrushali Kailas,Bhangare Swati Nivrutti,Barahate Shital Atul	An IoT Based Smart Watt Metering for Energy Management System	International Journal of Advanced Research in Science, Communication and Technology	Volume 4 & 5	2024	- / ISSN No: 2581-9429



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14	Jadhav Vrushali Kailas,Bhangare Swati Nivrutti,Barahate Shital Atul	Enhancing Software Testing Quality Assurance Using Agile Development Environment and Artificial Intelligence With Research Travelogue	International Journal of Advanced Research in Science, Communication and Technology	Volume 4 & 5	2024	- / ISSN No: 2581-9429
15	Jadhav Vrushali Kailas	A Detailed Study of An Internet of Things (IoT): Review, Recent Research Directions and Complete Journey Towards Sustainable and Smart Future	International Journal of Advanced Research in Science, Communication and Technology	Volume 4 & 7	2024	- / ISSN No: 2581-9429
16	Kale Sonali Anil	IDENTITY MANAGEMENT FOR SOCIAL DEVELOPMENT IN INDIA: CHALLENGES, OPPORTUNITIES, AND POLICY IMPLICATIONS	IPE Journal of Management	Volume 14 & 8	2024	NA / ISSN 2249-9040
17	Joshi Shweta Dipak	A Comprehensive Study on Internet of Things (IoT): State-of-the-Art: Security Challenges, Future Directions, Applications and Opportunities	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 4 & 8	2024	2581-9429 / 2581-9429
18	Joshi Shweta Dipak	Opportunities and Challenges of Intelligent Computer Network Configuration and Security with its Technologies	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	4 & 6	2024	2581-9429 / 2581-9429
19	Pawar Ankush Sanjay	REAL-TIME SOLAR PANEL MONITORING SYSTEM	International Research Journal of Modernization in Engineering Technology and Science	06 & 5	2024	0 / 2582-5208
20	Pangavhane Sagar Madhukar	Implementation of Cloud Based Biometric Attendance System	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 4 & 4	2024	2581-9429 / ISSN (Online) 2581-9429
21	Pangavhane Sagar Madhukar	POWER THEFT MONITORING	International Research Journal Of Modernization in Engineering Technology and Science	06 & 8	2024	2582-5208 / e-ISSN: 2582-5208



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22	Rasane Amol Ramdas	Determination of an optimum patch configuration in the repair of a center crack in thin aluminum sheet using polymer composite patch	Polymer Composites	46 & 9	2025	0272-8397 / 0272-8397
23	Bhangare Swati Nivrutti	Enhancing Software Testing Quality Assurance Using Agile Development Environment and Artificial Intelligence With Research Travelogue	International Journal of Advanced Research in Science, Communication and Technology	Volume 4 & 5	2024	1 / ISSN No: 2581-9429
24	Bhangare Swati Nivrutti	A Detailed Study of An Internet of Things (IoT): Review, Recent Research Directions and Complete Journey Towards Sustainable and Smart Future	IJARST	Volume 4 & 6	2024	1 / ISSN (Online) 2581-9429
25	Bhangare Swati Nivrutti	An IoT Based Smart Watt Metering for Energy Management System	International Journal of Advanced Research in Science, Communication and Technology	Volume 4 & 5	2024	1 / ISSN (Online) 2581-9429
26	Hase Prashant Dnyaneshwar	Research Opportunities in Human Life Applications based on Artificial Intelligence, Machine Learning and Internet of Things using Graph Theory	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	Volume 5 & 7	2025	N.A. / ISSN (Online) 2581-9429
27	Bodke Sayali Gorakh	PCFOS PROJECT COMPARISON FOR ONLINE SHOPPING	INTERNATIONAL JOURNAL OF PROGRESSIVE RESEARCH IN ENGINEERING MANAGEMENT AND SCIENCE	4 & 3	2024	2583-1062 / 2583-1062
28	Shinde Pranali Anil	Heart Health Predictor risk analysis using AI and ML	IJIRMPs	12 & 4	2024	- / 23497300
29	Shinde Pranali Anil	Stock Market Prediction using machine learning	TIJER	11 & 7	2024	- / 23499249
30	Barahate Shital Atul	Enhancing Software Testing Quality Assurance Using Agile Development Environment and Artificial Intelligence With Research Travelogue	International Journal of Advanced Research in Science, Communication and Technology	4 & 5	2024	- / 2581-9429



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31	Barahate Shital Atul	An IoT Based Smart Watt Metering for Energy Management System	International Journal of Advanced Research in Science, Communication and Technology	4 & 5	2024	- / 2581-9429
32	Barahate Shital Atul	A Detailed Study of An Internet of Things (IoT): Review, Recent Research Directions and Complete Journey Towards Sustainable and Smart Future	International Journal of Advanced Research in Science, Communication and Technology	4 & 7	2024	- / 2581-9429
33	Mahajan Meghana Rana	IDENTITY MANAGEMENT FOR SOCIAL DEVELOPMENT IN INDIA: CHALLENGES, OPPORTUNITIES, AND POLICY IMPLICATIONS	IPE Journal of Management	14 & 7	2024	NA / 2249-9040
34	Ahire Chetana Sandip	“BHRUTYA GREETING ROBOT”	International Research Journal Of Modernization in Engineering Technology and Science	6 & 5	2024	- / 2582-5208
35	Patil Chetan Hiranman	A Deep Dive into Adversarial Attack Mitigation Models for Machine Learning: An Empirical Assessment	Tuijin Jishu/Journal of Propulsion Technology	45 & 23	2024	1001-4055 / 1001-4055
36	Patil Chetan Hiranman	EMAML: Design of an Efficient Ensemble Model for Detection of Adversarial Attacks in Machine Learning Environments	International Journal on Recent and Innovation Trends in Computing and Communication	11 & 13	2024	2321-8169 / 2321-8169
37	Patil Chetan Hiranman	DMAPDQV: Design of an effective Pre-emption Model to Detect & Mitigate Adversarial Attacks using Deep Dyna Q with VARMAx	International Research Journal of Multidisciplinary Technovation (IRJMT)	7 & 14	2025	2582-1040 / 2582-1040
38	Wadile Pankaj Devidas	DESIGN AND TESTING OF REFRIGERATION SYSTEM BY USING PELTIER PLATE	Journal of Emerging Technologies and Innovative Research	11 & 7	2024	0 / 2349-5162
39	Lele Vaishali Rajeev	“MEDICINE SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN TECHNOLOGY”	International Research Journal Of Modernization in Engineering Technology and Science	6 & 6	2024	2582-5208 / 2582-5208



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40	Sonawane Vijay Ramnath	OE-MDL: Optimized Ensemble Machine and Deep Learning for Fake News Detection	International Journal of Intelligent Systems and Applications in Engineering	12 & 26	2024	NA / 2147-6799
41	Rasane Amol Ramdas	Finite element analysis of failure at the aluminium-carbon fiber composite	International Journal of Advanced Technology and Engineering Exploration	11 & 17	2024	2394-7454 / 2394-7454
42	Rasane Amol Ramdas	Computer aided process planning for sheet metal cutting operations in the manufacturing industry	Journal of Electrical Systems	20 & 18	2024	1112-5209 / 1112-5209
43	Rasane Amol Ramdas	An extensive study of metal matrix composites and their various properties for different uses	Journal of Mines, Metals and Fuels	72 & 7	2024	0022-2755 / 0022-2755
44	Shinde Yogesh Ramdas	Identification of Dry waste management strategies for thermal power plant sector	International Journal Advanced Research in Science, Communication and Technology	4 & 4	2024	- / 2581-9429
45	Gore Shukracharya Sampatti	Analysis of Nonlocal Thermoelasticity Effects using Transformation Methods by Applying Boundary Conditions	International Conference on Innovative Approaches in Multidisciplinary Engineering and Technology (ICIA-MET'25)	5	2025	- / -
46	Kapadnis Jagdish Yashwant	Behavioral Factors Based Content Propagation Modelling	IJRASET	5	2024	2321-9653 / 2321-9653
47	Kapadnis Jagdish Yashwant	Survey and Perspectives on Deep Learning Approaches for Health Recommender system	2024 IEEE 4th International Conference on ICT in Business Industry & Government (ICTBIG)	5	2024	979-8-3315-1898-1 /
48	Waghmare Vivek Nivruttirao	Estimation of Height of Building using High Resolution Satellite Image	International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2024)	8393	2024	10.5220/0 01273160 0003696 / 10.5220/0 01273160 0003696
49	Waghmare Vivek Nivruttirao	Automatic Text Summarization using Text Rank Algorithm	International Conference for Advancement in Technology (ICONAT 2024)	9096	2024	10.1109/I CONAT6 1936.2024 .10775241 / 10.1109/I CONAT6 1936.2024 .10775241
50	Waghmare Vivek Nivruttirao	A Deep Learning Approach for Fast Detection of COVID-19 using Lung X-ray Scans	DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIEI 2024)	6	2024	10.1109/I DICAIEI6 1867.2024 .10842861 / 10.1109/I DICAIEI6 1867.2024 .10842861



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51	Bhadane Satish Nathu	Review of Machine Learning and Deep Learning algorithms for Personality traits classification	2024 2nd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIEI)	6	2024	979-8-3315-2872-0 / 66
52	Somvanshi Suvarna Vijaykumar	-	A Comprehensive Study on Internet of Things (IoT): State-of-the-Art: Security Challenges, Future Directions, Applications and Opportunities.	8	2024	- / 2581-9429
53	Somvanshi Suvarna Vijaykumar	-	Opportunities and Challenges of Intelligent Computer Network Configuration and Security with its Technologies	8	2024	- / 2581-9429
54	Gore Shukracharya Sampatti	IOT Based Wireless Charging Station For Electric Vehicles	International Conference on Recent Advances in Technology & Management (ICRATM- 2025)	5	2025	- / -
55	Gore Shukracharya Sampatti	Sketch Forge GAN Image Creation Platform.	International Conference on Recent Advances in Technology & Management (ICRATM- 2025)	5	2025	- / -

8. Research Projects/Schemes Undertaken by Teachers (2024-2025)

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. (2024-2025)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	29	27	7

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2024-2025)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	2	0	0	0

11. Grants Sanction for Funding Agency (2024-2025)

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	NA	NA	NA	NA	NA



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12.	Faculty Wise Enrollment Of Students (2024-2025)													
	Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
	Engineering	FEMALE	28	10	3	3	0	3	3	8	83	2	0	143
		MALE	32	17	10	2	0	6	8	9	116	2	0	202
	TOTAL		60	27	13	5	0	9	11	17	199	4	0	345

13.	Statistical Information about Teacher for Academic Year (2024-2025)						
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	OBC	0	0	0	1	0	1
2	OPEN	2	2	4	0	0	0
3	SC	1	0	1	0	0	0
	Total	3	2	5	1	0	1

14) Environment Conservation :

Tree Plantation Drive :

Number of Programmes Arranged	Number of Trees Planted
2	100

River Conservation :



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Number of Programmes Arranged	Total Number of Participants
0	0

Soil Conservation :

Number of Programmes Arranged	Total Number of Participants
1	25

Water Conservation :

Number of Programmes Arranged	Total Number of Participants
0	0

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	50	4
UniversityLevel	0	2	1
NationalLevel	0	2	1
StateLevel	0	0	0
InternationalLevel	0	0	0

16) New Voter Registration Campaign :

Total Number of Programs Arranged	Total Number of Participants
1	345

17) Cultural Activities :



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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
2	241	121

19) Cleanliness Campaign :

Total Number of Campaigns Arranged	Total Number of Participants
1	46

20) Women Empowerment & Security:

Total Number of Programs Arranged	Total Number of Participants
0	0

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



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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)	Total Number of Placements done
35	342	42	141	21	162

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):

Total Number of Programs Arranged	Total Number of Participants
0	0

26) Memorendum of Understanding :**Internship MOU :**

During the Year	Total
5	0



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National / Collaboration MOU :

Number of MoUs	Total
0	0

International / Collaboration MOU :

Number of MoUs	Total
0	0

27) Mental health Awareness Campaign :

Total Number of Programs Arranged	Total Number of Participants
2	145

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
0	0	0

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		
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Scopes/Web of square similar	Peer Recived	UGC Care
0	0	0
Student Research	0	

32) Grant:

Research	0	Other	0
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33) Paper Publication:

Dessrtation at Masters Level	0
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Date :

Place :

Signature
HOD/Principal/Director