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

**College Details**

<b>1.</b>	<b>Name Of the Department/College/Institute</b>	:	Pravara Rural Education Society Sir Visvesvaraya Institute of Technology Addr: Chincholi Ta: Sinnar Dist: Nashik	<b>2.</b>	<b>Address Of the Department/College/Institute</b>	:	Chincholi Ta: Sinnar Dist: Nashik Pincode: 422101
<b>3.</b>	<b>Name Of the Head/Principal/Director</b>	:	Ganesh Bhausheb Shinde	<b>4.</b>	<b>Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address</b>	:	<b>Tele.-</b> 02551-271278 <b>Email-</b> exam.svit@pravara.in <b>URL-</b> www.svitnashik.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	Bhandari Rahul Mangilal	CUSTOMER SATISFACTION ON HEALTH INSURANCE	SHABDALAYA PUBLICATION HOUSE	2023	978-81-961820-9-0 /
2	Autade- Khairnar Prerana Pundlik	Data Science and Machine Learning using PHYTHON	R. K Publication	2023	978-81-19489-18-3 / registered under MSME Govt. of India
3	Autade- Khairnar Prerana Pundlik	Artificial Intelligence & Machine Learning	RK publisher	2024	ISBN – 978-81-974697-8-7 / 978-81-974697-8-7
4	Kare Amol Padmakar	Welfare: Its impact on Productivity & Motivation of Employees	Scholars' Press	2023	978-620-5-52152-6 / 0
5	Autade- Khairnar Prerana Pundlik	A Road map for India 2.0: New Education Policy (NEP) 2020	Eagle Leap Printer & Publications Pvt Ltd.	2023	ISBN No.978-81-965857-7-8 / ISBN No.978-81-965857-7-8

**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	23	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	Gaidhani Vishakha Abhay	CURRENT TRENDS AND FUTURE OF ONLINE EDUCATION IN INDIA	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	10 & 5	2023	0 / 2348-1269
2	Gaidhani Vishakha Abhay	ROLE OF ARTIFICIAL INTELLIGENCE IN FINANCE	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	11 & 5	2023	0 / 2320-2882



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3	Gaidhani Vishakha Abhay	ROLE OF METAVERSE IN EDUCATION	Education and Society	47 & 6	2023	0 / 2278-6864
4	Gaidhani Vishakha Abhay	OUTCOME BASED EDUCATION USING STUDENT CENTERED LEARNING FOR COMMERCE FACULTIES	INDIAN JOURNAL OF PSYCHOLOGY	11 & 5	2023	0 / 0019-5553
5	Gaidhani Vishakha Abhay	ARTIFICIAL INTELLIGENT CAN BE A GAME CHANGER IN EDUCATION	HUMANITIES AND SOCIAL SCIENCE STUDIES	13 & 8	2024	0 / 2319-829X
6	Waje Mohini Vijay	Productionj of Bio-Energy and Organic Fertilizer Using Canteen and Kitchen Waste	ISJEM	3 & 5	2024	ISJEM01332 / 2583-6129
7	Dhokane Rahul Maruti	A Predictive Model of the Stock Market Using the LSTM Algorithm with a Combination of Exponential Moving Average (EMA) and Relative Strength Index (RSI) Indicators.	Journal of The Institution of Engineers (India): Series B	1 & 1	2024	2250-2106 / 2250-2114
8	Parkhe Viresh Bhanudas	THE ROLE OF FOREIGN UNIVERSITIES IN INDIA: A PERSPECTIVE ON THE NEP 2020	Rabindra Bharati University Journal of Economics	XXVIII & 6	2024	0 / 0975-802X
9	Parkhe Viresh Bhanudas	ROLE OF ARTIFICIAL INTELLIGENCE IN DIGITAL MARKETING IN RURAL INDIA	Madhya Bharti -Humanities and Social Sciences	Vol-85 & 5	2024	0 / 0974-0066
10	Parkhe Viresh Bhanudas	THE FUTURE OF AI: JOB PROSPECTS AND DIFFICULTIES	Humanities and Social Science Studies	Vol. 13 & 5	2024	0 / 2319-829X
11	Bhandari Rahul Mangilal	OUTCOME-BASED EDUCATION	INDIAN JOURNAL OF PSYCHOLOGY	11 & 5	2023	0 / 0019-5553
12	Bhandari Rahul Mangilal	ARTIFICIAL INTELLIGENT CAN BE A GAME CHANGER IN EDUCATION	HUMANITIES AND SOCIAL SCIENCE STUDIES	13 & 9	2024	0 / 2319-829X



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13	Bhandari Rahul Mangilal	A STUDY OF NATIONAL EDUCATION POLICY 2020: ISSUES, APPROACHES, CHALLENGES & OPPORTUNITIES	RESEARCH JOURNEY	1 & 159	2023	0 / 2348-7143
14	Bhandari Rahul Mangilal	OUTCOME BASE EDUCATION USING STUDENT CENTERED LEARNING FOR COMMERCE FACULTY	IMPLEMENTATION OF NATIONAL EDUCATION POLICY 2020	1 & 62	2023	978-93-94819-23-8 / 0
15	Waje- Kashid Pratibha Vitthal	Implementation of Intrusion detection system using various machine learning approaches with ensemble learning	IEEE xplore	2 & 5	2023	1803-7232 / 2169-3536
16	Autade- Khairnar Prerana Pundlik	Design of Hybrid Energy Aware Cluster based Multipath Routing Protocol in IoT Assisted Wireless Sensor Networks	<a href="https://ieeexplore.ieee.org/document/10395094">https://ieeexplore.ieee.org/document/10395094</a>	DOI: 10.1109/ICECA58529.2023.10395094 & 7	2024	ISBN: 979-8-3503-4059-4 / ISBN: 979-8-3503-4059-4
17	Autade- Khairnar Prerana Pundlik	VISUAL CONVERSE PLUS	International Research Journal of Modernization in Engineering Technology and Science	6 & 5	2024	e-ISSN: 2582-5208 / e-ISSN: 2582-5208
18	Autade- Khairnar Prerana Pundlik	Intelligent False Data Injection Attack Detection using Soft Computing in Cyber-Physical Power Systems	<a href="https://ieeexplore.ieee.org/document/10394843">https://ieeexplore.ieee.org/document/10394843</a>	DOI: 10.1109/ICECA58529.2023.10394843 & 6	2024	ISBN: 979-8-3503-4059-4 / ISBN: 979-8-3503-4059-4
19	Autade- Khairnar Prerana Pundlik	Blockchain Based System to Detect Counterfeit Product In Supply Chain	IJIRMPs (E-ISSN: 2349-7300), Volume 11, Issue 6, Nov.-Dec. 2023	11 & 6	2023	E-ISSN: 2349-7300) / E-ISSN: 2349-7300)
20	Autade- Khairnar Prerana Pundlik	Blockchain Based System to Detect Counterfeit Product In Supply Chain	IJIRMPs (E-ISSN: 2349-7300), Volume 12, Issue 3, May- June 2024	12 & 7	2024	E-ISSN: 2349-7300) / E-ISSN: 2349-7300)
21	Khairnar Prerana Nilesh	VISUAL CONVERSE PLUS	International Research Journal of Modernization in Engineering Technology and Science	05 & 3	2023	e-ISSN: 2582-5208 / e-ISSN: 2582-5208



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22	Wable Trupti Kaushiram	Design and Implementation of Collaborative Cloud-Edge System using Raspberry Pi for Video Surveillance System with AIoT to Analyse Effective Performance Parameters of Network	Research and Application: Emerging Technologies	6 & 6	2024	NA / 3048-4766
23	Wable Trupti Kaushiram	USING A CLOUD-EDGE COLLABORATIVE SYSTEM- A SMART VIDEO SURVEILLANCE APPLICATION	Semiconductor Optoelectronics,	42 & 5	2023	NA / 1001-5868
24	Wable Trupti Kaushiram	NETWORK PERFORMANCE PARAMETER OPTIMISATION FOR SMART VIDEO SURVEILLANCE APPLICATIONS USING CLOUD-EDGE COLLABORATION ARCHITECTURE	Journal of Data Acquisition and Processing	38 & 6	2023	NA / 1004-9037
25	Wable Trupti Kaushiram	Security System for Woman Safety using PIC Microcontroller	International Journal of Research and Analytical Reviews	10 & 5	2023	NA / 2348-1269
26	Kare Amol Padmakar	A Study on the Impact of COVID-19 Pandemic in the Recruitment Process: With Special reference to IT companies of Pune Region	International Journal of Novel Research and Development	8 & 12	2023	0 / 2456-4184
27	Kare Amol Padmakar	NEP 2020- Impact on Teachers Opportunities & Challenges	International Journal of All Research Education and Scientific Methods	11 & 4	2023	0 / 2455-6211
28	Kare Amol Padmakar	Competency Mapping Techniques: Analyzing Emerging Trends in India for Better Workforce Planning	Bulletin For Technology And History Journal	24 & 12	2024	0 / 0391-6715



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29	Dhokane Rahul Maruti	A Comprehensive Review of Machine Learning for Financial Market Prediction Methods	2023 International Conference on Emerging Smart Computing and Informatics (ESCI)	8	2023	1803-7232 / 1803-7232
30	Dhokane Rahul Maruti	Enhancing Stock Price Prediction with MACD and EMA Features Using LSTM Algorithm.	2024 International Conference on Emerging Smart Computing and Informatics (ESCI) AISSMS Institute of Information Technology, Pune, India. Mar 5-7, 2024	6	2024	979-8-3503-0661-3 / 979-8-3503-0661-3
31	Parkhe Viresh Bhanudas	Role and Opportunities of NEP 2020 Policies in India with perspective of Management Education	National Education Policy - 2020	159	2023	NIL / 2348-7143
32	Autade- Khairnar Prerana Pundlik	Design of Hybrid Energy Aware Cluster based Multipath Routing Protocol in IoT Assisted Wireless Sensor Networks	7th International Conference on Electronics, Communication and Aerospace Technology (ICECA 2023)	7	2023	ISBN: 979-8-3503-4059-4 / 979-8-3503-4060-0/23/\$31.00 ©2023 IEEE
33	Autade- Khairnar Prerana Pundlik	Intelligent False Data Injection Attack Detection Using Soft Computing in Cyber-Physical Power Systems	7th International Conference on Electronics, Communication and Aerospace Technology (ICECA 2023)	6	2023	ISBN: 979-8-3503-4059-4 / 10.1109/ICECA58529.2023.10394843
34	Wable Trupti Kaushiram	COLLABORATIVE CLOUD AND EDGE COMPUTING: IMPROVING PERFORMANCE PARAMETERS FOR SMART VIDEO SURVEILLANCE APPLICATION WITH AIOT	(IC-IESP-MULTI-2023)	2	2023	“978-81-960427-0-7” / NA
35	Wable Trupti Kaushiram	A SMART VIDEO SURVEILLANCE USING CLOUD-EDGE COLLABORATIVE SYSTEM AS AIOT APPLICATION	IC-IMAF- 2023	2	2023	978-93-90975-20-4 / NA



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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	0		2		5			
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	25	0		0		0		
11.	Grants Sanction for Funding Agency (2023-2024)							
Sr. No.	UGC	DST/DBT/B.Voc.		CE/CPE		S.P. Pune University		Any Other
1	0	0		0		7		0



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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	28	11	0	1	0	2	3	38	48	1	0	132
		MALE	45	14	0	4	0	6	10	28	78	2	0	187
	TOTAL		73	25	0	5	0	8	13	66	126	3	0	319

13.	Statistical Information about Teacher for Academic Year ( 2023-2024 )						
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(C)	0	0	0	1	0	1
2	OBC	1	0	1	3	0	3
3	OPEN	3	0	3	4	1	5
	Total	4	0	4	8	1	9

**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
1	106

**Soil Conservation :**

Number of Programmes Arranged	Total Number of Participants
1	106



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**Water Conservation :**

Number of Programmes Arranged	Total Number of Participants
1	106

**Any Other :**

Name of Programmes Arranged	Number of Programmes Arranged	Total Number of Participants
1	1	72

**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	200	19

**16) New Voter Registration Campaign :**

Total Number of Programs Arranged	Total Number of Participants
1	106

**17) Cultural Activities :**

Acitivity Type	Level	Total number of Competitions Arranged	Total number of Participants
Oratorical Competition	CollegeLevel	2	25
Debate Competition	CollegeLevel	1	45
Dance Competition	CollegeLevel	3	250

**18) Blood Donation Campaign :**

Total Number of Campaigns Arranged	Total Number of Participants	Total Units of Blood Collected
1	250	105

**19) Cleanliness Campaign :**

Total Number of Campaigns Arranged	Total Number of Participants
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1	250
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**20) Women Empowerment & Security:**

Total Number of Programs Arranged	Total Number of Participants
2	25

**21) Seminar :**

**University Level :**

Total Number of Seminars Arranged	Total Number of Participants
2	25

**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 :**

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
19	219	19	124	20	144

**23) Student Exchange and Faculty Exchange Program :**



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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	20	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	25	0

**24) Constitution Week Campaign :**

Total Number of Programs Arranged	Total Number of Participants
10	350

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

Total Number of Programs Arranged	Total Number of Participants
10	350

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

During the Year	Total
2023-24	22

**National / Collaboration MOU :**

Number of MoUs	Total
2023-24	22

**International / Collaboration MOU :**

Number of MoUs	Total
2023-24	0

**27) Mental health Awareness Campaign :**

Total Number of Programs Arranged	Total Number of Participants
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19	219
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**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
47	47	0

**29) Institutional Award College/Institute :**

Regional	National	International
2	0	0

**30) Awards :**

	Faculty Awards	Student Awards
Regional	1	0
National	0	0
International	0	0

**31) Academic Excellence:**

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

**32) Grant:**

Research	0	Other	21000
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**33) Paper Publication:**

Dessrtation at Masters Level	5
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Date : 30/11/2024  
Place : Chincholi



Signature  
HOD/Principal  
Sir Visvesvaraya Institute of Technology  
Chincholi, Nashik-422102