



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

AR2406951

College Details					
1.	Name Of the Department/College/Institute	:	Chanakya Education Society Indira College of Engineering And Management Addr: Parandwadi Ta: Mawal Dist: Pune	2. Address Of the Department/College/Institute	: Parandwadi Ta: Mawal Dist: PunePincode: 410506
3.	Name Of the Head/Principal/Director	:	Nilesh Janardan Uke	4. Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	: Tele.- 02114661500 Email- principal@indiracem.ac.in URL- www.indiracem.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	PRIYANKA Priyanka Amol	Emerging trends in Commerce and Management	SAN International	2024	9788197919770 /
2	Pawar Priyanka Amol	Marketing Analytics	SAN International	2024	- /
3	Pawar Priyanka Amol	Marketing 4.0	SAN International	2024	987-81-972500-3-3 /
4	Shinde Priyanka Shirish	Business Accounting-I	Thakur Publication	2024	9789361809606 / ---
5	Shinde Priyanka Shirish	"Leading the Future: Progressive Approaches to Modern Management"	IARA PUBLICATION	2023	ISBN: 978-93-93810-89-2 / ----
6	Shinde Priyanka Shirish	Diminishing Barriers using Multidisciplinary Contemporary Research	Empyreal Publishing House	2023	ISBN 978-93-93810-62-5 / ----
7	Salve Archana Ravindra	Diminishing barriers using Multidisciplinary Contemporary Research	Empyreal publishing house	2023	9789393810625 / 9789393810625
8	Salve Archana Ravindra	Business Entrepreneurship and Management	Scientific International Publishing House Government of India	2023	978-93-5757-425-9 / 978-93-5757-425-9
9	Das Soumitra Sibshankar	Exploring the Dynamics of PBL-Based Learning: A Study on Collaboration, Reflection, Engagement, Critical Thinking and Student Success	IGI Global	2024	9781668494738 / 2327-6991

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





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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	Pawar Priyanka Amol	A Critical Analysis of Higher Education System and its Impact on the Growth of Indian Economy	Empirical Economics Letters	22 & 17	2023	16818997 / 1681 8997
2	Pawar Priyanka Amol	UNVEILING THE NUTRITIONAL PROFILE OF MILLETS: A POTENTIAL	Madhya Pradesh Journal of Social Sciences	28 & 12	2023	- / 0973 855X
3	Pawar Priyanka Amol	Impact of Musical Appeal in Advertisement on consumer mindset	ShodhKosh: Journal of Visual and Performing Arts	5 & 361374	2024	- / 25827472
4	Pawar Priyanka Amol	A STUDY ON INDIAN HIGHER EDUCATION SYSTEM AND ROLE OF TEACHERS FROM THE PERSPECTIVE OF POST GRADUATE STUDENTS	TOJDEL-The Online Journal of Distance Education and e-Learning	11 & 10	2023	- / 2147-6454
5	Pawar Priyanka Amol	A STUDY ON CUSTOMERS PERCEPTION ABOUT SIGNIFICANCE OF DIGITAL SECURITY	TOJDEL-The Online Journal of Distance Education and e-Learning	11 & 10	2023	- / 2147-6454
6	Tatiya Manjusha Rahul	Security-aware analytical framework : A mathematical model and machine learning for dynamical system control in secure environments	Journal of Discrete Mathematical Sciences and Cryptography	27 & 715727	2024	2169-0065 / 0972-0529
7	Tatiya Manjusha Rahul	Empowering IoT Healthcare Systems with Deep Learning: From Sensor Data Fusion to Predictive Modeling and Intervention	Journal of Electrical Systems	5 & 976988	2024	1112-5209 / 1112-5209
8	Tatiya Manjusha Rahul	Enhancing MQTT Security in the Internet of Things with an Enhanced Symmetric Algorithm	Journal of Electrical Systems	5 & 126137	2024	1112-5209 / 1112-5209





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9	Uke Nilesh Janardan	Emotion Detection and Recognition	african journal of biological sciences	6 & 1234	2024	26632187 / 26632187
10	SALVE ARCHANA RAVINDRA	FACTORS INFLUENCING CUSTOMER EXPERIENCE VALUE IN SHOPPING MALLS	UGC LISTED ABDC JOURNAL ,WORLD JOURNAL OF MANAGEMENT AND ECONOMICS	16 & 56	2023	1998-1392 (online) ISSN / 1998-1392 (online)
11	SALVE ARCHANA RAVINDRA	RTIFICIAL INTELLIGENCE BASED RISK MANAGEMENT OF CREDIT SALES IN E-COMMERCE	UGC LISTED ABDC JOURNAL ,WORLD JOURNAL OF MANAGEMENT AND ECONOMICS	16 & 67	2023	1998-1392 (online) ISSN / 1998-1392 (online)
12	SALVE ARCHANA RAVINDRA	EFFECT OF LEVERAGING THE RIGHT TECHNOLOGY FOR GLOBAL CUSTOMER RELATIONSHIP MANAGEMENT	UGC LISTED ABDC JOURNAL, WORLD JOURNAL OF MANAGEMENT AND ECONOMICS	16 & 75	2023	1998-1392 (online) ISSN / 1998-1392 (online)
13	Salve Archana RAVINDRA	Enhancing employability in India unravelling the transformative potential of vocational education for student career success	UGC LISTED , Madhya Pradesh Journal Of Social Sciences	1 & 253	2023	0973-855X. / 0973-855X.
14	Salve Archana RAVINDRA	Impact of employee training program on job performance and job satisfaction in a medium sized company	UGC LISTED Madhya Pradesh Journal Of Social Sciences	1 & 259	2023	0973-855X. / 0973-855X.
15	Salve Archana RAVINDRA	A STUDY TO ANALYZE THE IMPACT OF COVID 19PANDEMIC ON WORK FROM HOME EMPLOYEES IN HR DEPARTMENT OF POWER GRID CORPORATION OF INDIA LIMITED	UGC LISTED ,Madhya Pradesh Journal Of Social Sciences	1 & 266	2023	0973-855X. / 0973-855X.
16	Salve Archana RAVINDRA	Artificial Intelligence and Machine Learning-Based Systems for Controlling Medical Robot Beds for Preventing Bedsores	SCOPUS INDEXED ,IEEE PUBLICATION Conference Proceeding	2 & 2105	2023	DOI: 10.1109/IC3I56241.2022.10073403 EID: 2-s2.0-85151947976 / DOI: 10.1109/IC3I56241.2022.10073403 EID: 2-s2.0-85151947976





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17	Salve Archana RAVINDRA	EFFECT OF WORKLIFE BALANCE PRACTICES AND WORKING CULTURE ON HYBRID EMPLOYEE JOB SATISFACTION :STUDY ON IT INDUSTRY	UGC LISTED INTERNATIONAL JOURNAL OF ANVESHAK	12 & 155	2023	2278-8913 / 2278-8913
18	Pise Priya Jeevan	A Systematic Review of Geoinformational Databases & Data Mining using Deep Learning	Chinese Journal of Geotechnical Engineering	44 & 7	2023	NA / 1000-4548
19	Pise Priya Jeevan	Comparative Analysis of Alzheimer's Disease Detection Using Machine Learning Techniques	European Chemical Bulletin	12 & 437	2023	NA / 2063-5346
20	Pise Priya Jeevan	Feature Extraction Of Indicator Card Data For Sucker-Rod Pump Working Condition Diagnosis Using Machine Learning	Journal of Data Acquisition and Processing	38 & 6	2023	NA / 5060-5067
21	Dagale Deepali Ranganath	An Application for Rainfall Prediction using Regression Model	IJIRCCE	12 & 8	2024	1 / 2320-9798
22	Dagale Deepali Ranganath	A Systematic Literature Survey: Student Identification, Authentication and Information Display using RFID Technology	Compliance Engineering Journal	14 & 4	2023	1 / 0898-3577
23	Dagale Deepali Ranganath	A Systematic Literature Survey: Rainfall Prediction using Regression Model	Compliance Engineering Journal	15 & 4	2024	1 / 0898-3577
24	Dagale Deepali Ranganath	Implementation of Student Identification, Authentication and Information Display using RFID technology	IJIRCCE	12 & 4	2024	1 / 2320-9798
25	Dagale Deepali Ranganath	Real Time Face Emotion Based Music Player	International Journal for Research and Development in Technology	20 & 6	2023	1 / 2349-3585
26	Dagale Deepali Ranganath	Career Recommendation System	IJRASET	11 & 4	2023	1 / 2321-9653





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27	Tatiya Manjusha Rahul	Optimizing Communication Systems with Applied Nonlinear Analysis Techniques	Communications on Applied Nonlinear Analysis	3 & 3245	2023	1074-133X / 1074-133X
28	Das Soumitra Sibshankar	An IOT based Evacuation system	International Journal of Creative Research Thoughts	11 & 108111	2023	2320-2882 / 2320-2882
29	Devade Kiran Dattatraya	Advance biomedical engineering – A fundamental review of composite materials and its applications	Materials Today Proceedings	In press & 13	2023	2214-7853 / 2214-7853
30	Devade Kiran Dattatraya	Severe plastic deformation: A state of art	Materials Today Proceedings	In press & 14	2023	2214-7853 / 2214-7853
31	Devade Kiran Dattatraya	Review of composite materials and applications	Materials Today Proceedings	In press & 10	2023	2214-7853 / 2214-7853
32	Darokar Hemant Vasant	Regenerative Manufacturing: Crafting a Sustainable Future through Design and Production	E3S web of conferences	453 & 10	2023	nil / 2267-1242
33	Darokar Hemant Vasant	Maximizing towards the sustainability : integrating materials energy and resource efficiency in revolutionizing manufacturing industry	E3S web of conferences	453 & 10	2023	nil / 2267-1242
34	Bhong Mahesh Ganpat	Review of composite materials and applications	Materials Today	1 & 6	2023	1369-7021 / 1873-4103
35	Bhong Mahesh Ganpat	Mg-based metal matrix composite in biomedical applications: A review	Materials Today	1 & 6	2023	1369-7021 / 1873-4103
36	Rathod Sunil Damodar	A DISCUSSION OF KEY AGGREGATE CRYPTOSYSTEMS AND DECOY TECHNOLOGY USED FOR SECURE DATA SHARING IN THE CLOUD	Anveshana's International Journal of Research in Engineering and Applied Sciences	8 & 5	2023	2455-6300 / 2455-6300





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37	Rathod Sunil Damodar	AN ANALYSIS OF ASSEMBLE PREDICTION MODELS FOR ENERGY USE IN BUILDINGS USING ARTIFICIAL INTELLIGENCE	Anveshana's International Journal of Research in Engineering and Applied Sciences	8 & 8	2023	2455-6300 / 2455-6300
38	Rathod Sunil Damodar	AN ANALYSIS OF KEY AGGREGATE CRYPTOSYSTEMS FOR SCALABLE CLOUD DATA SHARING	Anveshana's International Journal of Research in Engineering and Applied Sciences	8 & 5	2023	2455-6300 / 2455-6300
39	Rathod Sunil Damodar	A REVIEW OF ARTIFICIAL INTELLIGENCE TECHNIQUES USED WITH RENEWABLE ENERGY SYSTEMS	Anveshana's International Journal of Research in Engineering and Applied Sciences	8 & 10	2023	2455-6300 / 2455-6300
40	Shinde Priyanka Shirish	Internet of Things and Machine Learning for Smart-Agriculture: Technologies, Practices, and Future Direction	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	12 & 12	2023	---- / ISSN:2147-67992147-6
41	Shankar Poorna R.	Impact of digital pedagogy on student satisfaction during pandemic	AIMS Journal of Management	9 & 20	2023	- / ISSN 2395-6852
42	Shankar Poorna R.	Role of Artificial Intelligence in modern Education	Journal of Namibian Studies(Special issue on Engineering, Technology and Sciences)	35 & 20	2023	- / ISSN 2395-6852
43	Salve Archana RAVINDRA	A critical study on empowering women in the organization through hybrid work culture	UGC LISTED ,Madhya Pradesh Journal Of Social Sciences	1 & 280	2023	0973-855X. / 0973-855X.
44	SALVE ARCHANA RAVINDRA	Artificial Intelligence Based Rural E-Commerce Boosting Using Big Data	SCOPUS INDEXED IEEE CONFERENCE PROCEEDING	1 & 2087	2023	979-8-3503-9826-7/22/\$31.00 ©2022 IEEE / 979-8-3503-9826-7/22/\$31.00 ©2022 IEEE
45	SALVE ARCHANA RAVINDRA	AN EVALUATION OF THE EFFECT OF ECONOMIC DEVELOPMENT ON CRYPTO CURRENCY	UGC LISTED ABDC JOURNAL ,WORLD JOURNAL OF MANAGEMENT AND ECONOMICS	16 & 39	2023	1998-1392 (online) ISSN / 1998-1392 (online)
46	Dagale Deepali Ranganath	Email System for Visually Impaired	Compliance Engineering Journal	14 & 4	2023	1 / 0898-3577
47	Dagale Deepali Ranganath	Folder Lock Security using fingerprint Authentication	IJIRCCE	12 & 4	2024	1 / 2320-9798





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48	Dagale Deepali Ranganath	A systematic Literature survey: Folder Lock Security using Fingerprint Authentication	IJIRT	10 & 4	2023	1 / 2349:6002
49	Uke Nilesh Janardan	Distributed privacy preservation for online social network using flexible clustering and whale optimization algorithm	Cluster Computing	24 & 18	2024	13867857 / 13867857
50	Uke Nilesh Janardan	A review on Deep Learning based methods for object tracking	A review on Deep Learning based methods for object tracking	20 & 27	2024	1574-1702 / 1574-1702
51	Uke Nilesh Janardan	Stress and anxiety detection: deep learning and higher order statistic approach	Indonesian Journal of Electrical Engineering and Computer Science	33 & 15671	2024	25024752 / 25024760
52	Bhong Mahesh Ganpat	Investigating the Synergistic Effects of Hybrid Nanofillers in Polymer Matrix Nanocomposites for Superior Mechanical and Electrical Performance	International Conference on "Advanced Materials for Green Chemistry and Sustainable Environment" (AMGSE-2024)	6	2024	2267-1242 / 2267-1242
53	Bhong Mahesh Ganpat	Renewable Energy Integration for Urban Sustainability A Nanomaterial Perspective	International Conference on "Advanced Materials for Green Chemistry and Sustainable Environment" (AMGSE-2024)	6	2024	2267-1242 / 2267-1242
54	Desai Darshana Jignesh	Education 4.0: Case Study on Selection of Digital Learning Platform and Communication Tools for Future Education 4.0 in India	IEEE Explore	6	2023	978-1-6654-9896-8 / 2831-5022
55	Tatiya Manjusha Rahul	Real Time patient monitoring using Deep Learning for Medical Diagnos	6th International Conference on Contemporary Computing and Informatics	10	2024	979-8-3503-0449-7 / 979-8-3503-0448-0
56	Chirade Sagar Uttamrao	Eco-Conscious Creation: Navigating the Nexus of Sustainability and Production Design	International Conference on Sustainable Development Goals (ICSDG 2023)	10	2023	2267-1242 / 2267-1242
57	Kanchan Yadav ,Chirade Sagar Uttamrao	Digital Dimensions: Unveiling the Potential of E-Design and Virtual Prototyping	International Conference on Sustainable Development Goals (ICSDG 2023)	10	2023	ISSN: 2267-1242 / ISSN: 2267-1242





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58	Das Soumitra Sibshankar	Syllabic Speech Synthesis for Marathi Language	1st International Conference on Cognitive Computing and Engineering Education (ICCCEE)	5	2023	979-8-3503-3280-3 / 979-8-3503-3280-3
59	Das Soumitra Sibshankar	Chameleon-ACO Hybrid: Optimizing Power-Efficient Clustering and Routing in Wireless Networks	International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS)	7	2024	979-8-3503-0698-9 /
60	Das Soumitra Sibshankar	Tracing the Journey of Soybeans: Implementing Blockchain in Agricultural Supply Chain Management	2024 IEEE 9th International Conference for Convergence in Technology (I2CT)	6	2024	979-8-3503-9447-4 / 979-8-3503-9447-4
61	Das Soumitra Sibshankar	Quality, Quantity and Type detection of fruits inside refrigerator through smart vision in IoT	ICSEIET-2023	7	2023	979-8-3503-2019-3 /
62	Devade Kiran Dattatraya	GREEN NANOTECHNOLOGY BASED SUSTAINABLE ENERGY SOLUTIONS AND ENVIRONMENTAL IMPACTS	E3S Web of Conferences	12	2024	51101031 / 2267-1242
63	Bhong Mahesh Ganpat	Reinventing Production: A Case Study on implementing the strategic Innovations in Sustainable Remanufacturing	International Conference on Sustainable Development Goals (ICSDG 2023)	11	2023	2267-1242 / 2267-1242
64	Bhong Mahesh Ganpat	Key Enabler on Efficient Resource Utilization: Technical and Managerial Investigations for Sustainable Materials and Energy Management	International Conference on Sustainable Development Goals (ICSDG 2023)	11	2023	2267-1242 / 2267-1242
65	Bhong Mahesh Ganpat	Deep Learning Analytics and Operations Research: Models, Applications and Managerial Implications	6th International Conference on Contemporary Computing and Informatics (IC3I)	6	2023	979-8-3503-0449-7 / 979-8-3503-0448-0





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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	4				7		

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	NA	NA		NA			NA	

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	





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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	69	8	1	4	0	5	2	2	28	2	0	121
		MALE	137	21	2	5	0	1	12	6	79	3	0	266
		TOTAL	206	29	3	9	0	6	14	8	107	5	0	387

13. Statistical Information about Teacher for Academic Year (2023-2024)														
Sr.No.	Category	Granted						Non Granted						Total
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	DT(A)	0	0	0	0	0	0	0	1	1	0	1	1	1
2	NT(B)	0	0	0	0	0	0	1	0	1	0	0	0	1
3	NT(C)	0	1	1	0	0	0	0	1	1	0	1	1	1
4	OBC	2	0	2	4	2	6	4	2	6	2	4	6	6
5	OPEN	1	4	5	3	2	5	3	2	5	2	3	5	5
6	SBC	0	1	1	0	0	0	0	0	0	0	0	0	0
7	SC	0	1	1	2	0	2	2	0	2	2	0	2	4
8	ST	0	1	1	0	0	0	0	0	0	0	0	0	0
	Total	3	8	11	10	8	18							

14) Environment Conservation :

Tree Plantation Drive :

Number of Programmes Arranged	Number of Trees Planted
2	75



River Conservation :

Number of Programmes Arranged	Total Number of Participants



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0	0
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Soil Conservation :

Number of Programmes Arranged	Total Number of Participants
0	0

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
Traffic Environment	2	25

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	9	700	18
UniversityLevel	0	2	2
StateLevel	0	1	1
NationalLevel	0	0	0
InternationalLevel	0	0	0

16) New Voter Registration Campaign :

Total Number of Programs Arranged	Total Number of Participants
2	150

17) Cultural Activities :





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Activity Type	Level	Total number of Competitions Arranged	Total number of Participants
Dance Competition	College Level	1	12

18) Blood Donation Campaign :

Total Number of Campaigns Arranged	Total Number of Participants	Total Units of Blood Collected
2	50	50

19) Cleanliness Campaign :

Total Number of Campaigns Arranged	Total Number of Participants
2	100

20) Women Empowerment & Security:

Total Number of Programs Arranged	Total Number of Participants
2	200

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
1	70

National Level :

Total Number of Seminars Arranged	Total Number of Participants
0	0

International Level :

Total Number of Seminars Arranged	Total Number of Participants





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0	0
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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
180	110	113	87	67	154

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	21

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

Total Number of Programs Arranged	Total Number of Participants
0	21

26) Memorandum of Understanding :

Internship MOU :

During the Year	Total
2023-24	0

National / Collaboration MOU :

Number of MoUs	Total





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0	0
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International / Collaboration MOU :

Number of MoUs	Total
0	0

27) Mental health Awareness Campaign :

Total Number of Programs Arranged	Total Number of Participants
2	350

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
2	85	23

29) Institutional Award College/Institute :

Regional	National	International
2	0	0

30) Awards :

	Faculty Awards	Student Awards
Regional	4	10
National	0	0
International	0	0

31) Academic Excellance:

Faculty Research	Peer Received	UGC Care
Scopes/Web of square similar	2	2





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Student Research	11	
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32) Grant:

Research	0	Other	0
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33) Paper Publication:

Dessrtation at Masters Level	45
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Date : 13/11/2024

Place : Parandwadi, Pune



Signature
HOD/Principal/Director
Principal

Indira College of Engineering & Management
Parandwadi Pune-410506