

#### **Institute Vision:**

To provide quality technical education to rural students.

#### **Institute Mission:**

M1: To impart trainings for developing hands on skills.

**M2**: To Develop technical skills by practicing the best teaching-learning pedagogies.

M3: To enhance career opportunities through industry connect.

#### **Program Vision**

To develop rural students as skilled technocrats in the Cloud Computing field.

#### **Program Mission**

**M1**: To impart the trainings to develop skilled students.

**M2**: To provide technical knowledge through best teaching learning practices.

M3: To develop career oriented students through higher education and industry engagement.

#### **Program Specific Outcomes (PSOs):**

**PSO1:** Implement the concepts of fundamental engineering, software, cloud and database to develop the solutions for engineering problems.

**PSO2:** Apply cloud computing and computer knowledge for development of innovative products.

**PSO3**: Design and develop quality product using programming and virtual environment for industry and society.

#### **Program Education Objectives (PEOs)**

**PEO1:** Utilize cloud computing skills to handle the data storage problems.

**PEO2:** Implement the technical knowledge to meet the growing needs of cloud computing profession.

**PEO3:** Enhance the career growth through continuous learning and industry support.

## 1 Dept. Activities (Year 2022-23)

Sr. No.	Activity Name	No.
1	Staff who undergone industrial training	02
2	Students undergone internship/industrial training	67
3	Staff who attended FDP	04
4	Staff who attended workshop	04
5	Staff who published paper	04
6	No. of expert/ guest lecture arranged	04
7	No. of workshop / seminar	02
8	Achievements of students	02
9	Educational / industrial visits	02
10	MOUs	02
11	Extra-Curricular activity performed by staff	03
12	Extra-Curricular activity performed by student	04
13	Any other program conducted	01
14	Faculty industry Visit	01
15	Expert lectures conducted by alumni	03

## 2 Paper Publication (Year 2022-23)

Sr.	Name of Staff	Details of Paper Published	National/ Internation alor Other	Name of Journal
1	Miss. V. D. Vaidya	A Survey on Efficient Data Cube Computation Methodologies for Business Intelligence Volume 8, Issue 5 May 2023	International	International Journal of Novel Research and Development (IJNRD)
2	Miss. V. D. Vaidya	A Review on Data Mining and Data Preprocessing Techniques in Data Mining Volume-9, Issue-3, 2023	International	International Journal of Advance Research and Innovative Ideas In Education (IJARIIE)
3	Mr. R. P. Kumawat	Emerging Trends in Computer And I Information Technology Vol-9 Issue-3 2023 IJARIIE-ISSN(O)-2395- 4396 paper id 21040	International	International Journal of Advance Research and Innovative Ideas In Education (IJARIIE)
4	Miss. S. V. Gunjal	RTC Based Water Distribution Through Solenoid Valve Vol-9 Issue-2 2023 IJARIIE-ISSN(O)-2395- 4396 pages 2509-2514	International	International Journal of Advance Research and Innovative Ideas In Education (IJARIIE)
5	Miss. D. R. Jondhale	RTC Based Water Distribution Through Solenoid Valve Vol-9 Issue-2 2023 IJARIIE-ISSN(O)-2395- 4396 pages 2509-2514	International	International Journal of Advance Research and Innovative Ideas In Education (IJARIIE)
6	Miss. D. R. Jondhale	Emerging Trends in Computer And In Information Technology Vol-9 Issue-3 2023 IJARIIE-ISSN(O)-2395- 4396 paper id 21040	International Journal	International Journal of Advance Research and Innovative Ideas In Education (IJARIIE)

## 3 Students undergone internship/industrial training: 69

Sr.	Name of Company	No. of students	Name of Person	MOU with the company (Yes/No)
1	Innovation Hub, Nashik	39	Mr. Sachin Patil	Yes
2	Innovatus Technologies, Pune	30	Mr. Dilip Singh	Yes

## 4 Major Activities Carried Out 2022-23

Sr No	Activity	Date
01	Industrial visit organize in P. Dr. Vitthalrao Vikhe Patil Sahkari Sakhar Karkhana, Ltd. Pravaranagar.	25 September 2022
02	Online state level Code War Event "TechCode 2k23"	11 April 2023
03	Organization of Value addition courses (Expert Lecture/Guest Lecture/Webinar)	07 by Industry Experts and Alumni (Computer)
04	Internship	All second year Students (67)
05	Conducted cultural program in College gathering	04 March 2023
06	FDP/Workshop/Training program of one week or above	All faculties attended FDP
07	Barkley "Soft Skill & Communication " Training(16/9/2022)	67 Students
08	Workshop on soft skill training-CUscuses 20/2/23 to 24/2/23 – First Year 13-2/23 to 17/2/23 – Second Year 25/2/23 to 02/3/23 – Third Year	127 Students

## 5 Information of staff sent for International/ National/ State LevelConference, Seminar/Workshop /FDP

Sr. No	Name of Staff	Name of Conference / Seminar / Workshop	Organized by	Date
01	Miss. V. D. Vaidya	Online International Level FDP –"Data Science Using Machine Learning (Five Day)	Pravara Rural Engineering College Loni in Collaboration with ExcelR	2 Jan to 6 Jan 2023
02	Miss. V. D. Vaidya	Workshop on "Implementation of NEP 2020-Accreditation"	Guru Gobind Singh College of Engg. & Research Center, Nashik	3 <sup>rd</sup> & 4 <sup>th</sup> Feb 2023
03	Miss. V. D. Vaidya	FDP- Online International Level "Deep Learning Application Development Tools & Research"	Dept. of Artificial Intelligence & Data Science VIIT ,Pune	28 Feb to 4 March 2023
04	Miss. V. D. Vaidya	Training –"National Intellectual Property Awareness Mission" (One Day)	P. Dr.V.Vikhe Patil Instt.of Technology & Engg. College, Loni	30 July 2022
05	Miss. V. D. Vaidya	FDP: Cloud Computing & DevOps Engineering	PHN Technology Pvt. Ltd. Pune	25 Feb to 8 Apr 2023
06	Miss. V. D. Vaidya	International FDP on Data Analyst	Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR.	19 to 23 June 2023
07	Mr R. P. Kumawat	Training –"National Intellectual Property Awarness Mission" (One Day)	P.Dr.V.Vikhe Patil Institute of Technology & Engineering College ,Loni	30 July 2022
08	Mr R. P. Kumawat	FDP State Level - "Machine Learing" (One Week)	Sinhgad Institute of Technology ,Lonavala	7 to 11 <sup>th</sup> Dec.2022
09	Mr R. P. Kumawat	FDP National Level - "Data Science & Machine Learning using Python BootCamp(Six Week)	Pravara Rural Engineering college ,Loni	29 Aug to 3 Spet. 2022

## Cloud Computing & Big Data: 2022-2023

10	Mr R. P. Kumawat	Online International Level FDP –"Data Science Using Machine Learning (Five Day)	Pravara Rural Engineering college In Collaboration with ExcelR	2 Jan to 6 Jan 2023
11	Mr R. P. Kumawat	FDP-" Deep Learning "	DY Patil School of Engineering ,Pune	23 to 28 Jan 2023
12	Mr R. P. Kumawat	FDP- "Computer Forensics & cyber Crime"	Sadabai Raisoni Women's College,Nagpur	1 Feb to 5 Feb 2023
13	Miss. S. V. Gunjal	Online International Level FDP –"Data Science Using Machine Learning	Pravara Rural Engineering college In Collaboration with ExcelR	2 Jan to 6 Jan 2023
14	Miss. S. V. Gunjal	Online International Level FDP –"Data Analytics Using Power BI (Five Day)	Dept. of I.T.G Narayanmma Institute of Tech. & Science In Collaboration with ExcelR	20 March t0 24 March 2023
12	Miss. S. V. Gunjal	Online International Level FDP-"Machine Learning & Data Science with Python"	PHN Technology Pvt.Ltd.,Pune	25 feb to 1 April 2023
13	Miss. S. V. Gunjal	Online International Level FDP-" Data Science & Chat GPT"	K.L.Deemed to be University In Collaboration with ExcelR	15 May to 19 May 2023
14	Miss. S. V. Gunjal	Online International Level FDP-"Data Analyst"(five day)	APSSDC In Collaboration with ExcelR	19 June to 23 June 2023
15	Miss. D. R. Jondhale	FDP-"Cloud Computing with AWS"	Sandip Foundations, Sandip Polytechnic,Nashik	20 to 21 Feb 2023
16	Miss. D. R. Jondhale	Online International Level FDP-"Cloud Computing & DevOps Engineering"	PHN Technology Pvt.Ltd.,Pune	25 Feb to 1 April 2023
17	Miss. D. R. Jondhale	Online International Level FDP-"Data Analyst	APSSDC In Collaboration with ExcelR	19 June to 23 June 2023

## 6 No. of expert/ guest lecture arranged

Sr. No.	Expert Lecture on	Name of Expert	Organization	Date
1	Industrial Training	Mr. Sudhir Gaikwad Mr. Siddhart Salve	Shourya Infotech Kopargaon	8/4/2023
2	UNIX Design	Miss. Harshada Ranjanwane (Alumni)	Sr. System Engg.,Infosys Pvt. Ltd Pune	05/04/2023
3	Integration Technologies	Miss. Tejashree Sabale(Alumni)	Sr. System Engg.,Infosys Pvt. Ltd Pune	21/02/2023
4	Front End Development Using Angular 13	Miss. Nikita Tarkase (Alumni)	Angular Sr. Analyst, Accenture Pune	21/02/2023
5	Cloud Computing & Virtualization	Prof. A. D. Cholke	Trinity Academy of Engg. Pune	10/12/2023
6	Cloud Computing & Career Opportunities	Mr. Akshay Bramhane (Alumni)	Test Analyst, Infosys Pvt Ltd Mysore	26/11/2022
7	Cloud Computing Technology	Prof. M. D. Nirmal	PREC Loni	12/10/2022



## Cloud Computing & Big Data: 2022-2023

## **Expert Lecture**







## **Educational / Industrial Visits**

## P. Dr. Vitthalrao Vikhe Patil Sahkari Sakhar Karkhana, Ltd. Pravaranagar.





#### Organized a State level Tech-Code War 2K23 (An Online Coding Event)



Organized a One Day Entrepreneurship Awareness Camp – Speaker Shri. Rajesh Chanchlani. Under MSME Technology Centre- Indo German ToolRoom- (IGTR) Aurangabad on 20/2/2023



Soft Skills and Communication One week Training for First, Second Year Students by-CUSUCCEED PUNE.



**Industry Awareness Training by- Barkley, Mumbai 19-22 Sept. 2022** 



Alumni Meet – Our Alumni felicitated by our Principal Dr. V. R. Rathi, along with Dr. S. N. Hiremath, Additional CEO, PRES



Alumni Meet – Our Alumni Mrs. Yogita Gavali, Director, Silicon Valley Certifications India Pvt. Ltd. Pune, Felicitated by Hon'ble Sau. Shalinitai Vikhe Patil, Trustee, PRES,

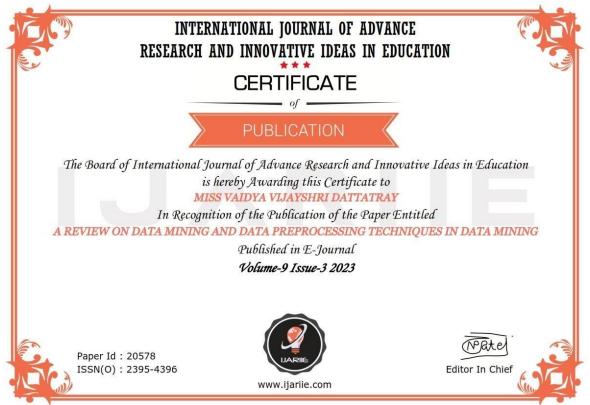












#### Sinhgad Institute of Technology, Lonavala



Department of Information Technology

**Faculty Development Program** 

OI

"Machine Learning" 7<sup>th</sup> to 11<sup>th</sup> Dec. 2022

#### E-Certificate of Participation

This is to certify that Rakesh Prakash Kumawat from P.Dr. Vitthalrao Vikhe Patil Instt of Tech and Engg (Polytechnic), Loni. has attended one-week online FDP on "Machine Learning", organized by Dept. of IT, SIT, Lonavala, Pune from 7th to 11th Dec. 2022.

FDP Coordinator Prof. P. C. Latane Convener Dr. R. V. Babar HOD-IT

Patron Dr. D.D. Chaudhary Vice-Principal Patron Dr. M.S. Gaikwad Principal















Men's/Women's Inter Zonal Sports Meet At Inter Engineering Diploma Students Sports Association (IEDSSA) Maharashtra State, Head Quarter at Government Polytechnic, Pune.

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Inter Engineering Diploma Students' Sports Association (IEDSSA) Maharashtra State (Maharashtra State Trust Reg. No.: F/1426/Pune Dt. 19th Nov. 1966)  Head Quarter at Government Polytechnic, Pune Men's / Women's Inter Zonal Sports Meet  State Level 2022 - 2023 Certificate of Merit	
Name of the Student Tangale Stadini  Name of the Institute Pravara Loni  Winher   Runner-up in the Event Basket ball	
Dr. Ramhari M. Aghav Secretary Organizing Institute  Dr. Ramhari M. Aghav Secretary IEDSSA, M.S.  Dr. Vitthal S. Bandal President IEDSSA, M.S.	
TEDSSALVEUS A A A A A A A A A A A A A A A A A A A	10

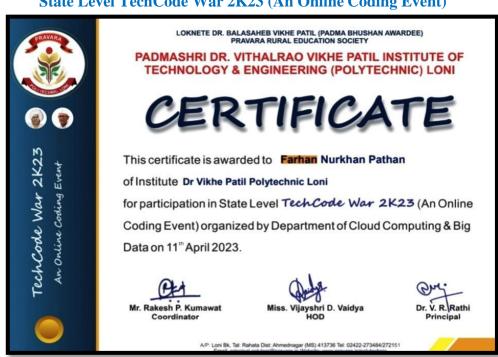


#### **Sports Meet**





#### State Level TechCode War 2K23 (An Online Coding Event)



#### **Annual Social Gathering, DARPAN-2K23**





C Test Organized at Padmashri Dr. Vitthalrao Vikhe Patil Institute of Technology & POLYTECHNIC (Aurangabad Region) by VIJAYSHRI VAIDYA with course material provided by the Spoken Tutorial Project, IIT Bombay.



# Har Ghar Tiranga Ralley Students at campus



**Academic, Sports and Annual Social Gathering Ceremony** 



**Industrial visit** 







## Power point presentation competition



## Basketball Winner team in IEDSSA, State Level Girls Sports meet at Kopargaon SecondYear Cloud Computing & Big Data students

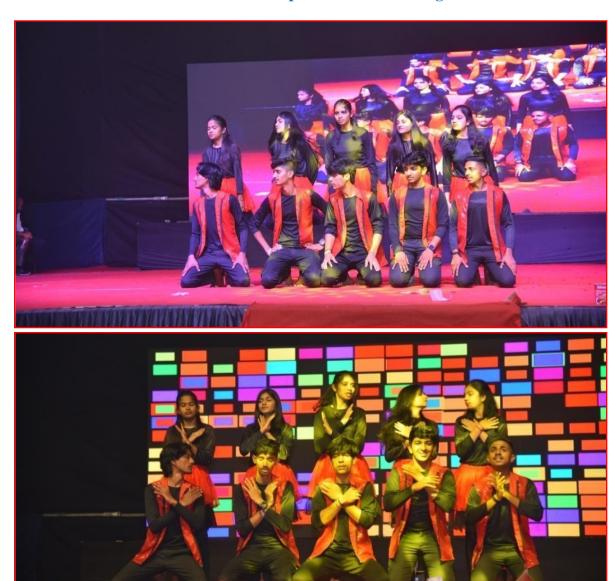


## **First Year Induction Program**

## Parents Meet – Address by Hon'ble Shri. Annasaheb Mhaske Patil, Trustee,PRES



## **BD Students Participated in Cultural Program**





LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY



## PADMASHRI DR. VITHALRAO VIKHE PATIL INSTITUTE OF TECHNOLOGY & ENGINEERING (POLYTECHNIC) LONI

### DEPARTMENT OF CLOUD COMPUTING & BIG DATA SECOND YEAR TOPPERS A.Y. 2022-23



Parth Milind Kulkarni 86.96%



Miss. Diksha Shankar Nibe 86.00%



Miss. Sakshi Babasaheb Nibe 83.67%



From: Principal, Faculties and Students

www.pravara.in/polytechnic



## **Cloud Computing and Big Data**

## HEARTIEST CONGRATULATIONS

First Year Topper students



ShindeSakshi

(83.00%) First Rank



NirmalShrddha (82.40 %) Second Rank



NirmalShravani (81.46 %) Third Rank

Best Wishes For Future....

From Principal, Teaching& Non-Teaching Staff

## **Dept.: Cloud Computing &Big Data**

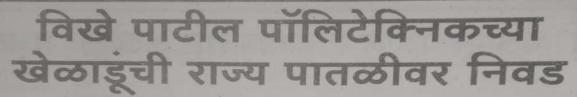
Academic Year: 2022-23

## **List of Toppers FYBD-0030**

Sr. No.	Name Of Student	Obtained Marks	% Marks	Remark
01	SHINDE SAKSHI SAKHAHARI	667	83.38	First Class With Distinction
02	NIRMAL SHRADDHA ASARAM	657	82.13	First Class With Distinction
03	NIRMAL SHRAVANI BAPU	656	82.00	First Class With Distinction

## **Lists of Toppers SYBD -0030**

Sr. No.	Name of Student	Marks Obtained	Result in	Rank
01	KULKARNI PARTH MILIND	686	85.75	FIRST CLASS DIST
02	NIBE DIKSHA SHANKAR	674	84.25	FIRST CLASS DIST
03	NIBE SAKSHI BABASAHEB	654	81.75	FIRST CLASS DIST





लोणी (प्रतिनिधी) — प्रवरा ग्रामीण शिक्षण संस्थेच्या लोणी येथील पदाश्री इं. विखे पाटील पॉलिटेक्निकच्या फ्रिंडा स्पर्धा बास्केटबॉल स्पर्धेत द्वितीय क्रमांक संजीवनी पटकावला असून अँथेलेटीक्स ६-३ च्या प्रसंतिही उत्तम कामिगरी केली राज्यस्तरीय असल्याची माहिती प्राचार्य इं. पॉलिटेक्निक झाली आहे. कोपरगाव येथील संजिवनी बास्केट केल्ल

पॉलिटेक्निक महाविद्यालयाच्या प्रागणात या विभागीय पातळीवरील क्रिडा स्पर्धा नुकत्याच पार पडल्या. बास्केटबॉल उपांत्य सामन्यात संजीवनी पॉलिटेक्निक संघाला ६-३ च्या फरकाने पराभूत करून राज्यस्तरीय स्पर्धेमध्ये विखे पॉलिटेक्निक संघाची निवड निश्चित झाली आहे. अक्षदा कडू हिने नऊ बास्केट केल्या तर कर्णधार सिद्धी

संघाला विजय मिळवून दिला. ॲथेलेटिक्समध्ये सुषमा केकान हिने १०० मीटर धावणे या स्पर्धेत द्वितीय स्थान प्राप्त करून राज्य स्पर्धेमध्ये आपले स्थान पक्के केले. शॉट पट मध्ये बुषाली प्राळ हिने तृतीय क्रमांक पटकावला तर कर्णधार दिपाली तांबे हिने व्हॉलीबॉलमध्ये अतिशय उत्कृष्ट सर्विसचे प्रदर्शन केले. सिद्धी जंगले हिने लांब उडीमध्ये उत्कृष्ट खेळ केला. खेळाडूंना क्रिडा संचालक डॉ. श्रीनिवास मोतीयेळे. प्रा. हरिष हजारे. प्रा. अविनाश अनाप यांचे मार्गदर्शन लाभले. सर्व यशस्वी विद्यार्थ्यांचे संस्थेचे अध्यक्ष ना. राधाकष्ण विखे पाटील, शालिनीताई विखे पाटील, अण्णासाहेब म्हस्के पाटील, खा. डॉ.े सुजय विखे पाटील, डॉ. शिवानंद हिरेमठ यांनी अभिनंदन केले.

## **७** सकाळ

## विखे पाटील पॉलिटेक्निकच्या मुली बास्केटबॉलमध्ये दुसऱ्या

लोणी: पद्मश्री डॉ. विठ्ठलराव विखे पाटील पॉलिटेक्निकच्या मुलींनी राज्य पातळीवरील विभागीय बास्केटबॉल स्पर्धेत द्वितीय क्रमांक पटकाविला. ॲथलेटिक्स स्पर्धेतही उत्तम कामिगरी केल्याची माहिती प्रचार्य डॉ. विजय राठी यांनी दिली. कोपरगाव येथील संजिवनी पॉलिटेक्निक महाविद्यालयाच्या प्रांगणात या विभागीय पातळीवरील क्रीडा स्पर्धा नुकत्याच झाल्या. बास्केटबॉलच्या उपांत्य सामन्यात संजीवनी पॉलिटेक्निक संघाला ६-३ च्या फरकाने पराभूत करून राज्यस्तरीय स्पर्धेमध्ये विखे पॉलिटेक्निक संघाची निवड निश्चित झाली. अक्षदा कडू हिने नऊ बास्केट केल्या, तर कर्णधार सिद्धी जंगले हिने तीन बास्केट करून संघाला विजय मिळवून दिला. अथलेटिक्समध्ये सुषमा केकाण हिने १०० मीटर धावणे या स्पर्धेत द्वितीय स्थान प्राप्त करून राज्य स्पर्धेमध्ये आपले स्थान पक्के केले. शॉट पुट मध्ये वृषाली पुंगळ हिने तृतीय क्रमांक पटकाविला, तर कर्णधार दीपाली तांबे हिने व्हॉलिबॉलमध्ये अतिशय उत्कृष्ट सर्व्हिसचे प्रदर्शन केले. सिद्धी जंगले हिने लांब उडीमध्ये उत्कृष्ट खेळ केला.

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