



VASANTDADA PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING AND VISUAL ARTS

Approved by AICTE, Govt. of Maharashtra, DTE, DOA & Affiliated to University of Mumbai

|| NAAC Accredited with "A" Grade || || ISO 9001:2015 Certified Institute ||

|| NBA Accredited Programs: COMP. ENGG./I.T. ||

Office : Vasantdada Patil Educational Complex, Eastern Express Highway, Padmabhushan Vasantdada Patil Marg, Sion, Mumbai - 400 022.

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Founder :
LATE MANOHAR PHALKE
M.L.C.

President :
SHRI NANDKUMAR M. KATKAR

Vice President :
SHRI RAVINDRA V. GHORPADE

General Secretary :
ADV. APPASAHEB S. DESAI

Treasurer :
ADV. AMIT A. DESAI

Campus Director :
PROF. ASHOK CHAVAN

Principal :
DR. ALAM N. SHAIKH

INFORMATION RELATING TO COLLEGES FOR INCLUSION IN THE ANNUAL REPORT OF THE UNIVERSITY FOR THE YEAR 2024-25 (Period : 1st April, 2024 to 31st March, 2025)

1.	Name of the College	Vasantdada Patil Pratishthan's College of Engineering & Visual Arts
	Year of Establishment	1990
	Year of Affiliation to the University	1990
2.	Management (Please give only the name of the Society/ Body which runs the College)	Vasantdada Patil Pratishthan
3.	Name of the Principal and his academic qualifications (Please give the Name and Educational Qualifications of the person who was Holding the post of Principal during the period form 17 th April, 2017 to Till Dated).	Dr. Alam. N. Shaikh Ph.D.
	Tel :No. Office	+91 91372 24047
4.	Name of University Courses for which Students are admitted	University of Mumbai



5.	Students Enrolment (Please give the Number of Students who are on Roll as on 31 st March, 2025 for University courses leading to various Degrees and Diplomas).			
	<u>Total Class</u>	<u>No. of Male Students</u>	<u>No. of Female Students</u>	<u>Total</u>
	(a) Under Graduate	1089	1523	1390
6.	Number of students belonging : to SC, ST, DT & NT. (Please give the number of Students as on 31 st March, 2025. Do not include the number of EBC Students).			
		<u>Male</u>	<u>Female</u>	<u>Total</u>
	Scheduled Castes	111	51	162
	Scheduled Tribes	15	8	23
	Denotified Tribes	32	20	52
	V.J.	20	6	26
	SBC	35	15	50
	OBC	167	81	248
	Total	380	180	560
7.	Number of Teaching Staff (Please furnish information about the actual number of Teaching Staff as on 31 st March, 2025)			
		<u>Full Time</u>		<u>Part Time</u>
		<u>Male</u>	<u>Female</u>	<u>Male</u> <u>Female</u>
	Number of Teachers	35	46	
	Including Principal	01	--	
	Total ...	36	46	
8.	Number of Teachers belonging to SC,ST,DT & NT (As on 31 st March, 2015)			
		<u>Male</u>	<u>Female</u>	<u>Total</u>
	Scheduled Castes	07	04	11
	Scheduled Tribes	--	--	--
	Denotified Tribes & Nomadic Tribes	01	01	02
	Other Backward Class	03	05	08
9.	Number of Students in			
		N.S.S.		
	Male	59		
	Female	41		
	Total	100		



<p>10. Books/Research Papers & Articles published by Teachers (Information pertaining to publications of teachers in standard professional journals during the period from 1st April, 2024 to 31st March, 2025 is to be included in the Report. Articles Book reviews published by them in Newspapers, periodicals and souvenirs / Magazines and the work done by students working for research degrees under their Guidance as well as papers and articles. Forwarded for publications or accepted for publication or under print should not be included in the Report)</p>	<p>DETAILS ENCLOSED at Annexure-1</p>
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(Dr. Alam N. Shaikh)
Principal
Vasantdada Patil Pratishthan's College of
Engineering and Visual Arts
Sion, Mumbai - 400 022.



**VASANTDADA PATIL PRATISHTHAN'S COLLEGE OF
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Department of Artificial Intelligence and Data Science

Details of research papers published in Journals for the period of April 2024 to March 2025								
Sr. No.	A.Y.	Title of the Paper	Name of the Faculty	Dept.	Name of Journal	Year	Volume, Issue	Link of Paper
1	24-25	Modified-LSTM and feed forward neural network enabled resource allocation for 6G wireless networks	Alam N. Shaikh	AI&DS	Indonesian Journal of Electrical Engineering and Computer Science	Feb-25	Vol 37, No 2	https://ijeecs.iaescore.com/index.php/IJEECS/article/view/38882
2	24-25	AutoGrad: Transforming Educational Assessment Through AI-Driven Automated Grading of Handwritten Answer Sheets	Gitanjali Korgaonkar	AI&DS	Journal of Emerging Technologies and Innovative Research	Mar-25	VOL 12, ISSUE 3	https://www.jetir.org/papers/JETIR2503718.pdf
3	23-24	Compact Double Layer Two Via Electromagnetic Band Gap Structure for RCS Reduction	Rajesh B. Morey	AI&DS	Progress In Electromagnetics Research Letters	June-24	Vol. 120	https://www.jpier.org/issues/volume.html?paper=24022703



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Department of Artificial Intelligence and Data Science

Details of research papers published in the Conference for the period of April 2024 to March 2025

Sr.	A.Y.	Title of the Paper	Name of the	Dept.	Name of Conference	Year
1	2024-25	Comment Compass: An Approach to Analyze YouTube Comments through Web Scraping, Sentiment Analysis, and Generative AI for Actionable Insights	Dr. Suvarna Bhise	AI&DS	2024 First International Conference on Pioneering Development in Computer Science & Digital technologies (IC2SDT)	Aug-24
2	2024-25	Voice AI- Intelligence Based Voice Assistant	Dr. Suvarna Bhise	AI&DS	International Conference on Intelligence and Innovative Technologies in Computing, Electrical and Electronics, (ICIITCEE2025)	Jan-25
3	2024-25	Artificial Intelligence based Smart Print on Demand(POD)	Dr. Suvarna Bhise	AI&DS	IEEE International Conference on Intelligence System and Advance Application, (ICISAA-2024)	Oct-24
4	2024-25	Comment Compass: An Approach to Analyze YouTube Comments through Web Scraping, Sentiment Analysis, and Generative AI for Actionable Insights	Dr. Suvarna Bhise	AI&DS	First international conferences on Pioneering Developments in Computer Science and Digital Technology at NIT Delhi from 2 to 4th Aug 2024	Aug-24



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NBA Accredited (Dated 01/07/2024 to 30/06/2027)



Table 1 : Summary of Paper Publications in AY 2024 -25

Academic Year	International Journals	Conferences
AY: 24-25	21	26

Table 2 : Books Published in A.Y. 2024-25

Sr No	Name of Faculty	Name of the Book	Name of Publication	Year	Book/ Book Chapter	ISBN Number
1	Dr. Neeraj Sharma	Cloud Computing	Alpha International Publication	2024	Book	9789357624749

Table 3: Patent Published in A.Y. 2024-25

Sr. No.	Name of Faculty	Title of Invention	Year	Patent No.
1	Prof. Sachin Barahate	AI based Brain Monitoring Headset	2025	451702-001
2	Prof. Mayuri Karnik	AI Based Food Quality Checking Device	2025	448000-001
3	Priyanka Manke	Verifying the authenticity of products based on QR codes to avoid counterfeiting	2024	554693
4	Dr. Neeraj Sharma	Smart IoT Weather Station for Real-Time Data Access	2025	202521001070 A
5	Prof. Archana Salaskar	Smart IoT Weather Station for Real-Time Data Access	2025	202521001070 A
6	Prof Darshana Tambe	Smart Bug Detector	2024	407793-001



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Table 4: PhD Guidance in A.Y. 2024-25

PhD Guidance		
Faculty Name	Name of the Researcher	University
Dr. Pradip Mane	Dr. Swapnil Desai	Pacific Academy of Higher Education and Research University
	Dr. S Gandhi	

**Summary of Paper Publications in AY 2024 -25**

Academic Year	International Journals	Conferences
A.Y. 2024-25	15	7

Book chapters Published in A.Y. 2024-25

Sr. No.	Faculty Name	Year of Publishing	Publication Details	ISBN No.
1	Dr.Gayatri Bachhav	Dec 2024.	Geh Press Office, New Panvel, Navi Mumbai- 410206, India	ISBN978-93-6717-751-8
2	Prof. Vinod N. Alone	SEPT.2024	Published by Asociation of Global Academician and Researchers , Tamil Nadu , India on 24-09-2024	ISBN:978-93-91387-57-0
3	Prof. Vinod N. Alone	OCT.2024	Published by Asociation of Global Academician and Researchers , Tamil Nadu , India on 23-10-2024	ISBN:978-93-91387-82-2
4	Prof. Vinod N. Alone	2025	Published by Rademics-2025	ISBN 10:9349552689 ISBN13:9789349552685
5	Prof. Vinod N. Alone	2025	Published by Rademics-2025	ISBN 10:9349552825 ISBN13:9789349552821

Patent Publication in A.Y. 2024-25

SR. No.	Faculty Name	No of Parents'	Patent title	Patent status	Published Year	Application Filing No.
1	Dr. Mahavir Devmane	1	Device for interactive Online Education	Granted	11 December 2024	434302-001 (Design No.)
2	Dr. Gayatri Bachhav	1	Seed Quality Analyser Device	Granted	27th Dec 2024	442275-001(Design No)
		2	Data Processing and Analysing device	Published	05 September 2024	415197-001(Design No.)
		3	Device For Puncturing Coconuts.	Published	9th Jan 2025.	416368-001(Design No.)
3	Mr. Vinod Alone	1	Data Processing and Analysing device	Granted	05 September 2024	415197-001(Design No.)
		2	AI Powered Student Progress Tracker: Revolutionising Academic Assesment	Published	4 October 2024	202421034490
		3	Exploratory Data Analysis and Rain Fall Prediction Using The ARIMA Model	Published	4 October 2024	202441071966
		4	Device for interactive Online Education	Granted	11 December 2024	434302-001 (Design No.)
4	Mr. Atul Shintre	1	Exploratory Data Analysis and Rain Fall Prediction Using The ARIMA Model	Published	4 October 2024	202441071966
		2	Device for interactive Online Education	Granted	11 December 2024	434302-001 (Design No.)
5	Ms. Karishma B. Shambharkar	1	Exploratory data analysis and rain fall prediction using the arima model	Published	6 December 2024	Design No. : 419825-001
6	Dr.Mahendra Eknath Pawar	1	Device for interactive online education	Granted	2 Sptember 2025	Design no.: 138683-001