



PERSONAL INFORMATION




Dr. Yashwant Arjunrao Waykar

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Sex Male | Date of birth 06/12/1985 | Nationality Indian

WORK EXPERIENCE

22/03/2010 - Present

Assistant Professor - MCA

Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

<http://www.bamu.ac.in>

Teaching Subjects – Object Oriented Analysis & Design, Software Engineering, Software Testing & Quality Assurance, Artificial Intelligence, Basics of Web Technologies, Advanced Internet Technologies, Java, DSS & MIS, Information System analysis & design methodologies, Emerging Trends In IT

01/08/2009 – 03/2010

Lecturer - MCA

Indira Institute of Management, University of Pune, Pune

<http://www.indiraiimpca.edu.in>

Teaching Subjects – Object Oriented Analysis & Design, Software Engineering, Software Testing & Quality

EDUCATION AND TRAINING

2019-20

Research Guide

Subject - Computer Application

07/2014 - 2016

Doctor of Philosophy

Subject - Computer Application

Research Topic – “A Study of UML diagrams in Software Development”

Research Areas – Software Engineering, Unified Modeling Language, Software Testing, Software Licensing, IT in Agriculture, Artificial Intelligence, Machine Learning, LMS

Research Centre - Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) India

09/2009

State Eligibility Test (SET)

Subject - Computer Science and Application

Conducted by – University of Pune, Approved By University Grants Commission, New Delhi

07/2006 - 2009

Master of Computer Application (MCA)

71.72 %

MES, Institute of Management and Career Courses, University of Pune, Pune (MS) India

Technical Competences

Operating System : Windows, Linux

Computer Languages : C, C++, Java, .Net, Data Structure using C++/java

Web Technologies : HTML, CSS, JavaScript, XML, PHP

Subject Knowledge – Operating System, Artificial Intelligence, Software Testing, Computer Architecture & Organization, Software Engineering, Optimization Techniques, DSS & MIS, Software Project Management etc.

06/2003 - 2006 **Bachelor of Science (B.Sc)** **73.92 %**

Lal Bahadur Shastri Mahavidyalaya, Partur, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) India.

Subject – Physics, Chemistry, Computer Science.

03/2001 - 2003 **Higher Secondary Certificate (HSC)** **60.50 %**

Divisional Board Latur (MS) India

03/2000 - 2001 **Secondary School Certificate (SSC)** **80.00 %**

Divisional Board Aurangabad (MS) India

PERSONAL SKILLS

Mother tongue(s) Marathi

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Hindi	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

[Common European Framework of Reference for Languages](#)

Communication skills Confident, articulate, and professional speaking abilities gained through my experience as Assistant Professor

Organisational / managerial skills Skilled in data analysis, databases, research, quantitative & qualitative analysis, evaluations & Documentation.
Excellent analytical skills that help identify problems and seek solutions promptly.
Highly adaptable to quickly changing technical environments with strong organizational and analytical skills.
Currently working as Co-coordinator for MCA course which helps to communicate & work efficiently with colleagues and students in the department.

Computer skills Proficient with the techniques related to system analysis, designing, Database Management System, Coding, testing and troubleshooting programs utilizing the appropriate hardware, database & Programming technology.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

MS-CIT

- good command of office suite (word processor, spread sheet, presentation software)

Publications

- WAYKAR, Y.A. (2013) "Importance of UML diagrams in software development". National Conference, MANAGELIZATION 2013, Osmanabad. ISBN:978-81-920972-1-3
- WAYKAR, Y.A.(2013). "A Study of Importance of UML diagrams: With Special Reference to Medium-sized Projects". National Conference ICON -'2013) Indian Journal of Research in Management, Business and Social Sciences (IJRMBSS) ISSN – 2319 – 6998
- WAYKAR, Y. A.(2013). "A Study of Importance of UML diagrams: With Special Reference to Very Large-sized Projects". International Conference on Reinventing Thinking beyond boundaries to Excel
- WAYKAR, Y. A.(2013). "A Study of Importance of UML diagrams: With Special Reference to Large-sized Projects". Vidyavarta – Interdisciplinary multilingual Research journal ISSN-2319 9318
- WAYKAR, Y.A. (2013) "A Comparative Study of Importance of Use case & Sequence diagrams: With Special Reference to Large-sized Projects". International Journal of Advances in Management , Technoby & Engineering Sciences having ISSN:2249-7455 Vol II
- WAYKAR, Y. A.(2013). "A Study of Importance of UML diagrams: With Special Reference to small-sized Projects". International Journal of Advance's in Management , Technology & Engineering Sciences having ISSN:2249-7455
- WAYKAR, Y.A(2013) "A Comparative Study of Importance of Use case & Sequence diagrams: With Special Reference to Medium-sized Projects". 1st International Conference on Interface of Information Technology IBMRD, Ahmednagar
- WAYKAR, Y.A(2014) "Significance of class diagram in software devebpment" National Conference, MANAGELIZATION 2014, osmanabad. ISSN:2230-7850
- WAYKAR, Y.A(2014) "A Comparative Study of Importance of Use case & Sequence diagrams: With Special Reference to Small-sized Projects". 3rd International Conference on Competency Building Strategies in Business and Technology for Sub stainable Devebpment
- WAYKAR, Y.A., MULEY .S.S. (2015), "Role of use case diagram in software development" International Conference on Innovative Trends in Entrepreneurship in New Millennium
- WAYKAR, Y.A, WAYKAR.A.B. (2015). "Information Communication Technoby (ICT): A Revolution for Agriculture International Journal of Scientific Research Volume having ISSN: "77-8179
- WAYKAR, Y.A , MULEY .S.S (2015). " A Study of Unlicensed Software use in Asia – Pacific" International Journal of Scientific Research Volume 4 having ISSN : 2277-8179
- Waykar, Y. A. (may 2015). "A Study of Unlicensed Software use in Asia – Pacific". *International Journal of Scientific Research*,4(5), 288-290..**Impact Factor : 3.2416**
- Waykar, Y. A. (may 2015). "Information Communication Technology (ICT) : A Revolution for Agriculture". *International Journal of Scientific Research*,4(5), 285-287..**Impact Factor : 3.2416**
- Waykar, Y. A. (april 2016). A Study of Mobile Internet Users In India. *An International Journal PARIPEX – INDIAN JPURNAL OF RESEARCH*,5(4), 416-418. doi:10.15373/22501991.**Impact Factor : 5.215**
- Waykar, Y. A. (april 2016). "Net banking Benefits, Drawbacks And Security Tips". *An International Journal PARIPEX – INDIAN JPURNAL OF RESEARCH*,5(4), 375-377. doi:10.15373/22501991.**Impact Factor : 5.215**
- Waykar, Y. A. (july 2017). Analyzing the relationship between implementation of

- WAYKAR, Y. A. (2017). Role of RFID in Attendance System. *International Journal of Advance Research in Engineering Science and Technology (IJAREST)*, 2393-9877.
- WAYKAR, Y. A. (2019). Zigbee : An Innvovative Technology for Industrial Automation. *International Journal for Research in Engineering Application & Management*, 4(12), 2454-9150.
- WAYKAR, Y. A. (feb 2019). Impact of Globalization and Technology on Automation System in Manufacturing Industries. *International Conference at Department of Management Science, Dr.B.A.M.U.Aurangabad*.
- WAYKAR, Y. A. (feb 2019). Analyzing the impact of UML diagrams on Software Maintenance. *International Journal of Management Technology and Engineering*, 9(2), 2249-7455.
- WAYKAR, Y. A. (feb 2019). Software Piracy : A Global to local scenario. *International Journal for Research in Engineering Application & Management*, 4(11), 2454-9150.
- WAYKAR, Y. A. (feb 2019). Impact of Automation system in industries: Special reference to automobile manufacturing units. *International Journal of Management Technology and Engineering*, 9(2), 2249-7455.
- WAYKAR, Y. A. (aug 2019). A Study of UPI payments in India. *International Journal of Multidisciplinary*, 4(8), 2455-3085.
- Waykar, Y. A. (2019). Internet of Things (IoT): Applications and Security Issues. *IDEAL: An International Multidisciplinary Half-Yearly Research Journal*, VII(II), 2319-359X
- Waykar, Y. A. (2019). Indemnity of Deep Learning: Techniques and Applications. *AJANTA: An International Multidisciplinary Quarterly Research Journal*, VIII(I), 2277-5730.
- Waykar, Y. A. (2021). Robotic Swarms for Disaster Response: A Comprehensive Review and Prospects for Search- and-Rescue Missions and Environmental Monitoring. *International Journal of Scientific Research in Engineering and Management (IJSREM)*, 05(07), 2582-3930.
- Waykar, Y. A. (2021, July). The Impact of Technological Constraints in Fashion Industries with special preference to women apparels on Social Media. Paper presented at the NCDM – 2021: 5th National E-Conference on Data Mining and ICT, hosted by M.C.E. Society's Allana Institute of Management Sciences, Pune.
- Waykar, Y. A. (2021, July). Robotic Swarms for Disaster Response: A Comprehensive Review and Prospects for Search- and-Rescue Missions and Environmental Monitoring. **International Journal of Scientific Research in Engineering and Management (IJSREM)**, 05(07), 2582-3930.
- Waykar, Y. A. (2021, April 18). The Dynamics Of Social Networking Sites: Unraveling The Effects On Human Behavior And Well-Being. *International Journal of Current Science (IJCSPUB)*, 11(2), 2250-1770.
- Waykar, Y. A. (2021, June). Social Networking Sites And Privacy: An Analysis Of User Concerns And Privacy Practices. *TIJER - INTERNATIONAL RESEARCH JOURNAL*, 8(6), 2349-9249.
- Waykar, Y. A. (2022, April). A Comparative Analysis of Photogrammetry and LIDAR Technology for Heritage Site Conservation. *International Journal of Scientific Research in Engineering and Management (IJSREM)*, 06(04), 2582-3930.
- Waykar, Y. A. (2022, June). The Role of Artificial Intelligence in Knowledge Management. *International Journal of Scientific Research in Engineering and Management (IJSREM)*, 06(06), 2582-3930.
- Waykar, Y. A. (2022, July). Lidar Technology: A Comprehensive Review and Future Prospects. *International Journal of Emerging Technologies and Innovative Research (JETIR)*, 9(7), 2349-5162.
- Waykar, Y. A. (2023, January). Tacit Knowledge: Understanding the Enigmatic

Underpinnings of Human Expertise. International Journal of Scientific Research in Engineering and Management (IJSREM), 07(01), 2582-3930.

- Waykar, Y. A. (2023, July). Human-AI Collaboration in Explainable Recommender Systems: An Exploration of User-Centric Explanations and Evaluation Frameworks. International Journal of Scientific Research in Engineering and Management (IJSREM), 07(07), 2582-3930. Retrieved from <https://ijsrem.com/volume07issue07july2023/>
- Waykar, Y. A. (2023, June). The Metaverse: Revolutionizing Human Society through Immersive Virtual Environments. Journal of Emerging Technologies and Innovative Research, 10(6), 2349-5162.
- Waykar, Y. A. (2023, February). An Evaluation of the Learning Management System for Increasing Student Engagement in Higher Education: A Review. Mukd Shabd Journal, XII(II), 2347-3150.
- Waykar, Y. A. (2023). Learning Management Systems in Higher Education: A Comprehensive Analysis of Benefits, Challenges, and Best Practices. Journal of the Asiatic Society of Mumbai, XCVI(22), 0972-0766.
- Waykar, Y. A. (2023, July-September). Use of Learning Management System (LMS) Adopted in Higher Education During Pandemic. Education and Society (शिक्षण आणि समाज), 46(4), 03, 2278-6864.
- Waykar, Y. A. (2023, Dec). Ethical Frameworks for Human-Centered AI and Robotics: Balancing Autonomy and Responsibility. (2023). *Power System Technology*, 47(4), 539-561. <https://doi.org/10.52783/pst.221>

Conferences/Workshops

- Faculty Development Program Organized by IICMR Nigdi Pune (As IBM Academic Initiative). On IBM Rational Application Development. Feb - 2010
- Global Maharashtra Conference – 2011 IT Track Aurangabad 7 Jan 2011
- National Conference - Empowering India – Youth Driven Economy – 2011.
- National Conference – Innovative Trends in Entrepreneurship in New Millennium Aug 2013
- Faculty Development Program Organized by Sinhgad Institute Pune. 18 Oct 2013 Research Methodology
- National Conference, MANAGERIALIZATION 2013
Department of Management Science, Sub –Campus Osmanabad, Dr.B.A.M.U.Aurangabad 2 March 13
- International Interdisciplinary Research Symposium on Global meltdown :It's Impact on Business
Management , Technology, Social Sciences and Environmental Issues held at Nagpur by CIMSIR pune 6-7 April - 13
- International Interdisciplinary Research Conference on Economics, Commerce, Management & Technology held at Nasik by Indo Global Chamber of Commerce, Industries and Agriculture In association with ASMA Institute of Management, Pune 1 June - 13
- 1st International Conference on Interface of Information Technology, Institute of Business Management & Rural Development, Ahmednagar. Sept 13
- Workshop on Research Methodology & Case Writing – organized by Department of Management Science, Dr.B.A.M.University Aurangabad. 27 Jan to 2 Feb 14
- National Conference, MANAGERIALIZATION 2014, Department of Management Science, Sub –Campus Osmanabad, Dr.B.A.M.U.Aurangabad Feb 14
- Pre-Ph.D Course-Work – Organized By by Department of Management Science, Dr.B.A.M.University Aurangabad Department of Management Science, Dr.B.A.M.University Aurangabad. 8 Feb to 13 April 14
- 3rd International Conference on Competency Building Strategies in Business and Technology for Sub sustainable Development organized by Sri Ganesh School of Business

Management, Attur Main Road , Mettupatti, Salem – 636111 Tamilnadu. 25 Feb 2014

- International Conference on Innovative Trends in Entrepreneurship in New Millennium, Department of Management Science, Dr. B.A.M. University Aurangabad. 2015
- UGC Sponsored 104th Orientation course at ASC Dr.B.A.M.U.Aurangabad
- Marathwada Arthashastra Parishadche 34th State Level Conference 2017

Certifications

- International Certification
IBM RAD Certified Associate Developer for Rational Application Developer Websphere Software V6.0 8 Feb - 2010

Administrative

- Member – Affiliation Committee for colleges from 2010 to 2021
- Member – Syllabus Designing committee for MCA program 2012,2016,2018,2020
- External Examiner for Projects
- CTA for MBA CET -2011
- Member -Review committee for verification of CBCS system in colleges
- Member - University Level Avishkar 2015 Organizing Committee member
- Subject Co-coordinator (Computer Application) for PET – 2016
- Co-ordinator for 4th International Conference on “E-Governance for Emerging India”
- Member of Technical Committee for 2nd University-Industry Interaction Summit – 2016
- Member – Committee for Ph.D. application scrutiny
- Counselor – District PG CET facilitation Center of Dr. B.A.M.U. Aurangabad
- Department Coordinator – PET 2017 of Dr.B.A.M.U. Aurangabad.
- Counselor – District PET 2017 facilitation Center of Dr. B.A.M.U. Aurangabad.
- Member cum internal Coordinator for NAAC reaccreditation Criterion 3.1,3.2,3.3,3.4
- Subject Expert – Faculty Recruitment for BCA/BBA program
- Chariman – Paper Setting committees for MCA/MBA/BCA/BBA/M.COM e-commerce etc.

Research Projects :

Sl. No.	Title of Project	Duration	Total Cost	Funding Agency	From-To
1	“Software License : A Study of computer users in Marathwada region”	2 Years	Rs.40,000	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2017-18
2	“Analyzing the impact of UML diagrams on Software Maintenance”	2 Years	Rs.40,000	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2017-18
3	“Impact of UML implementation on Software Quality”	2 Years	RS.70,000	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2018-19

Research Patents :

Sr. No.	Title of patent Project	Patent Number	Date of Award	International / National
1	Big Data analysis device	398154-001	20/10/2023	National
2	Display Device For Online Learning And Management	405304-001		National
3	AI Based Device For Online Learning	406318-001		National
4	AI Based Device For Analysing Teaching In Classroom	405303-001		National

Book & Book Chapter Publication -

Sr. No	Title of Book Chapter	Title of Book	Book Publisher & ISSN/ISBN	Author	Page No.
1	Drones in Transportation	New Transportation Engineering Technology	Geh Press, 987-0-13-601970-X	Author	122-133
2	Digital Education system using AI	Digital Technology Method and Process	Atomic Spectroscopy Press, 0195-5373 (SCOPUS)	Author	
3	Introduction to inclusive education system	Digital Technology Method and Process	Atomic Spectroscopy Press, 0195-5373 (SCOPUS)	Co-Author	
4	Embracing the metaverse: a new era for human society	Innovation Alchemy: Unravelling the Secrets of Technological Progress	Parab Publications : 978-81-19585-21-2	Author	106-109

Orientation / Refresher/ FDP/ Workshop Details

Sr. No.	Name of Course	Organized By	Duration	Mode
1.	Workshop on Research Methodology	Indira Institute of Management, Pune	18-01-2010 to 30-01-2010	offline
2.	FDP on Rational Application Developer	Management Association of MCA Institutes (MAMI) at IICMR, Pune. Conducted By IBM	13/01/2010 to 16/01/2010	offline
3.	FDP on 'De Nova Insights in Research'	NBN Sinhgad School of Management Studies , Ambegaon(BK), Pune.	18/10/2013 to 19/10/2013	offline
4.	Workshop on RM & Case Writing	Department of Management science, Dr.B.A.M.University, Aurangabad	27-01-2014 to 02-02-2014	Offline
5.	Pre Ph.D Coursework (Research Methodology Course)	Department of Management Science, Dr.B.A.M.University, Aurangabad	08/02/14 To 13/04/14 (Sat,Sun)	Offline
6.	Workshop on Arduino Programming	Vidya Technologies Pvt Ltd., Aurangabad	15/05/2014 to 02/06/2014	Offline
7.	104 th Orientation Course	HRDC, Dr.B.A.M.University, Aurangabad	01/07/14 To 28/07/14	Offline
8.	Workshop on Internet of Things (IoT)	Vidya Technologies Pvt Ltd., Aurangabad	22/05/2015 To 06/06/2015	Offline
9.	Refresher Course on Computer Application	HRDC, Jodhpur - Rajasthan conducted at University of Kota, Kota - Rajasthan	11/05/16 To 31/05/16	Offline
10.	2 nd University-Industry Interaction Summit 2016	University Industry Interaction Cell , Dr.B.A.M.University, Aurangabad	20/12/2016 to 21/12/2016	offline
11.	Training Program on Awareness of SCOPUS & Indian Citation Index	Knowledge Resource Centre, Dr.B.A.M.University , Aurangabad	22/12/2016	offline
12.	Workshop -Emerging Trends in Research Methodology	Department of Management Science, Dr.B.A.M.University, Aurangabad	02/01/17 To 13/01/17	Offline
13.	IPR Workshop on 'Indian Patents : A Comprehensive Outreach'	RUSA- Centre for Advanced Sensor Technology, Deen Dayal Upadhyay KAUSHAL Kendra(DDU-KK) & IQAC, Dr.B.A.M.U. Aurangabad	14/03/2017 to 15/03/2017	offline
14.	Faculty Development Programme - Social Networks	NPTEL-AICTE	30/07/2018 To 24/10/2018	Online
15.	Faculty Development Programme - Introduction to Research	NPTEL-AICTE	20/07/2018 To 26/09/2018	Online
16.	Faculty Development Programme - Cloud Computing	NPTEL-AICTE	06/08/2018 To 04/10/2018	Online
17.	Faculty Development Programme - Blockchain Architecture Design and Use Cases	NPTEL-AICTE	30/07/2018 To 24/10/2018	Online

18.	Faculty Development Programme	MCED	18/02/19 To 01/03/19	Offline
19.	Refresher Course on Teacher and Teaching in Higher Education	Swayam Arpit Online Course Certification - Savitribai Phule Pune University	01/09/19 To 15/01/20	Online
20.	5-day National level FDP on "Personality Development & Communication Skills at Workplace"	A.V. College of Arts , Science & Commerce, Hyderabad, Telangana State.	25th to 29th April 2022	Online
21.	Faculty Development Programme on Implementation of Data Science Applications Using Python	NIT Warangal	11 th to 21 st July 2022	Online
22.	Faculty Development Programme on Python Programming	E&ICT Academy , IIT Kanpur	05/02/2023	Online
23.	Online Refresher Course On Foundations Of Data Science	UGC, Malaviya Mission Teacher Training Center, Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar	23/10/2023 to 06/11/2023	Online

Guest Lectures / Invited Talks –

Sr. No .	Title of Presentation in Academic Session	Title of Conference / Seminar	Mode of Presentation:	Name of Organizer	Date
1	The Impact of Technological Constraints in Fashion Industries with special preference to women apparels on Social Media	NCDM – 2021 , 5 th National E- Conference on Data Mining and ICT	Paper Presentation	M.C.E. Society's Allana Institute of Management Sciences, Pune	16 th & 17 th July 2021
2	Use of ICT in Research	Online Pre-Phd Course Work	Invited lectures	UGC – HRDC ,Dr.B.A.M.U.Aurangabad	20/01/2021
3	A study of e-commerce market in India: During and After COVID 19	COVID 19 Pandemic : Issues, Challenges and Opportunities for International Trade, e-commerce and Employment	Paper Presentation	Shri Asaramji Bhandwadar arts, commerce and science college, deogaon (R), Dist - Aurangabad	
4	Use of ICT in Research	Online Pre-Phd Course Work	Invited lectures	UGC – HRDC ,Dr.B.A.M.U.Aurangabad	14 March 2019
5	Use of Social Networking for Education		Invited lectures	Shri Balaji Prasarak Mandal's, College of Computer Science & IT,Ambajogai	23 Aug 21
6	How to Search Effectively on Internet		Invited lectures	Shri Balaji Prasarak Mandal's, College of Computer Science & IT,Ambajogai	10 Jan 22
7	Effective Approach to Learn Programming		Invited lectures	Shri Balaji Prasarak Mandal's, College of Computer Science & IT,Ambajogai	21 Feb 22
8	How to prepare yourself for IT?		Invited lectures	Shri Balaji Prasarak Mandal's, College of Computer Science & IT,Ambajogai	22 June 22
9	State Eligibility Test (SET) for Computer Science and Application	State Eligibility Test (SET) for Computer Science and Application	Resource Person	VSS College , Jalna	16 March 23
10	Use of ICT in Research	Online Pre-Phd Course Work	Invited lectures	UGC – HRDC ,Dr.B.A.M.U.Aurangabad	07 Sept 22
11	Current trends in information technology		Invited lectures	Shri Balaji Prasarak Mandal's, College of Computer Science & IT,Ambajogai	16 Jan 23
12	Digital Marketing using Social Networking Sites		Invited lectures	Shri Balaji Prasarak Mandal's, College of Computer Science & IT,Ambajogai	10 July 23

13	Workshop - Interview Skills		Invited Speaker -	at Department of Management Science, Dr.B.A.M.U. Aurangabad	07 Sept 2022
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Guidance for M.Phil & Ph.D students -

M.Phil Dissertation –

Sr. No	Name of Student	Registarti on Date	Award date	Topic
1	Ms. Swati Sapkar Sharad	2018-19	16 sept 2021	Analytical study of e-learning channels on you tube using data mining techniques
2	Ms. Shaikh Kainath Begum	2019-20	17 April 2022	The impact of social media and technological constraints in fashion industries with special preference to fashion designers for women apparels on social media (a case study of Aurangabad city)
3	Ms. Priyanka Raju Hiwrale	2017-18	27 July 2022	Study of character recognition apparatus

Ph.D Guidance–

Sr. No	Name of Student	Registarti on Date	Award date	Topic
1	Mr. Ganesh Chandrakant Gadekar	Dec 2019		A Study of Learning Management System (LMS) in higher education with special reference to management colleges in pune city
2	Mr. Munawar Yusuf Sayed	07 Oct 2021		A study of Multiclass sentiment analysis of Educational Institutes in Maharashtra state