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## **Fr. C. Rodrigues Institute of Technology, Vashi**

Department of Computer Engineering

### **List of the PhD Scholars**

**Guide Name: Dr. Lata Ragma**

<b>Sr. No.</b>	<b>Name of the Scholar</b>	<b>Registration Year</b>	<b>University</b>	<b>Status</b>
1	Vaishali Mohite (Gaikwad)	March 2015	Pacific University	Completed (September 2019)
2	Vaishali Sarbukan	August 2015	Mumbai University	Completed (November 2019)
3	Renuka Deshpande	March 2016	Pacific University	Completed (May 2020)
4	Saroja T.	March 2016	Pacific University	Completed (May 2020)
5	Saurabh Patil	May 2017	Mumbai University	Completed (September 2020)
6	Roopal Mamtora	July 2017	Mumbai University	Completed (November 2022)
7	Smita Bansod	May 2021	Mumbai University	Completed (June 2024)
8	Darshana Tambe	January 2022	Mumbai University	Pursuing
9	Seema Rathod	January 2022	Mumbai University	Pursuing
10	Sonali Mhatre	November 2022	Mumbai University	Pursuing
11	Bhawana Dakhare	March 2023	Mumbai University	Pursuing
12	Poonam Bari	January 2024	Mumbai University	Pursuing

**Guide Name: Dr. Chhaya Pawar**

1	Yogita Chavan	January 2023	Mumbai University	Pursuing
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### Academic Year 2023-24

#### Received Best Paper Award:

Dr.Lata Ragha	“Optimizing Pesticide Decisions with Deep Transfer Learning by Recognizing Crop Pest”, IEEE International Conference on new Frontiers in Communication, Automation, Management and Security (ICCAMS), Presidency University, Bangalore, <b>October 27-28, 2023</b>
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### Books Authored

#### 2024-25

Sr.No	Name of the Faculty	Book details (author,title,year,publisher,edition,any other detail)
01	Dr.Jyoti More	“Mastering Drone Technology with AI” bpb Publication ISBN Number: 978-93-65894-950

#### 2023-24

Sr.No	Name of the Faculty	Book details (author,title,year,publisher,edition,any other detail)
01	Mrs.Vidya Kothari	“Full Stack Development” ISBN Number :978-93-61092-398 NIRALI PRAKASHAN <a href="https://pragationline.com/full-stack-development-final-year-b-tech-course-in-artificial-intelligence">https://pragationline.com/full-stack-development-final-year-b-tech-course-in-artificial-intelligence</a>

#### 2019-20

Sr.No	Name of the Faculty	Book details (author,title,year,publisher,edition,any other detail)
01	Dr. Lata Ragha	Lata Ragha “Distributed Computing”, StarEdu Solutions India Pvt. Ltd, December-2019, ISBN Number: 978-9386765376

### Book Chapter authored

#### 2020-21

Sr.No	Name of the Faculty	Book chapter details (author,title,year,publisher,edition,any other detail)
01	Dr.Lata Ragha	Lata Ragha “Mobile Ad Hoc Networks Security Enhancement with Trust Management”, Book Chapter-1, pp.1-27, Managing Resources for Futuristic Wireless Networks, IGI Global publication, September 2020, DOI: 10.4018/978-1-5225-9493-2.ch001, ISBN13: 9781522594932; ISBN10: 1522594930; EISBN13: 9781522594956;

#### 2021-22

Sr.No	Name of the Faculty	Book chapter details (author,title,year,publisher,edition,any other detail)
01	Dr.Lata Ragha	Lata L. Ragha, “Blockchain Impact of Security and Privacy in Digital Identity Management”, Book chapter-13, Blockchain for Information Security and Privacy, December 2021, CRC Press (Taylor and Francis Group). DOI: <a href="https://doi.org/10.1201/9781003129486">https://doi.org/10.1201/9781003129486</a> , eBook ISBN: 9781003129486



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### Patents

Sr. No.	Name of the Faculty	Title of Patent	Patent Application Number	Patent Filed Date	Patent Published Date
<b>2023-24</b>					
1.	Dr.Lata Ragha	Smart Bug Detector	407793-001	16/02/2024	25/04/2024
2.	Ms.Rakhi Kalantri	Multi-stage randomized SALT technique for confidentiality in IoT devices	Utility model no.20 2023 104060	20/07/2023	07/08/2023
<b>2021-22</b>					
1	Dr.Lata Ragha	A Method of Implementing a Vigorous And Effective Trust Model for Security Enhancement in MANET	20212103330	24/07/2021	27/01/2023
2	Dr.Lata Ragha	A system to improve the accuracy of Sentiment Analysis to detect whether the user is depressed	202241013498	11/03/2022	-
3	Dr.Lata Ragha	An Intelligent approach to monitoring the efficiency of a protected block chain based healthcare facility.	202221056871	04/10/2022	23/12/2022
4	Ms. Kiruthika M. Ms. Rakhi Kalantri Ms. Shagufta Rajguru	Automatic Lip-Reading and Sentence Predicting Device	362440-001	12/04/2022	10/06/2022
5	Ms.Smita Dange	Dual Monitoring system:To enhance the security of IoT devices and IoR network.	202221052276	13/09/2022	23/09/2022
<b>2018-19</b>					
1	Dr. Lata Ragha	A System to Manage Trust and to Enhance the Security of a Mobile Ad hoc Network	201821034696	10/09/2018	05/10/2018
2	Dr. Lata Ragha	A system to manage emergency situations on road with the utilization of vehicular communication	201821045249	10/09/2018	-

### Copyright

Sr. No.	Name of the Faculty	Title of Work	Diary Number	Date	Registration Number
<b>2022-23</b>					
1.	Ms.Smita Dange	The Dataset for predicting BOTNET activities in IoT healthcare network based on pre-scanning activities.	21889/2022-CO/L	11/01/2023	L-120545/2023
<b>2021-22</b>					
1.	Ms.Smita Dange	Effects on COVID on online education	3612/2022-CO/SW	19/02/2022	SW-16354/2023



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### Reviewer /Expert /Judge

Sr. No.	Name of the Faculty	Name of Institute	Worked as a	Date
<b>2024-2025</b>				
1.	Dr.Kiruthika M.	Asian Journal of Education and Social studies	Reviewer in Journal	05/08/2024
2.	Dr.Jyoti More	Journal of Advance in Mathematics and Computer Science	Reviewer in Journal	19/08/2024
3.	Dr.Jyoti More	External academic auditor for department of Computer Engineering at SIES,Nerul	External Auditor	30/08/2024
4.	Dr. Chhaya Pawar	4 <sup>th</sup> International Conference on Data Science and Big Data Analytics (IDBA-2024) Symbiosis University of Applied Sciences ,Indore	Member of Program Committee	13/07/2024
5.	Dr. Chhaya Pawar	8 <sup>th</sup> international Conference on Computing ,communication ,Control and Automation (ICCUBEA-2024) organised by Pimpri Chinchwad College of Engineering ,Nigdi Pune	Reviewer	24/08/2024
6.	Mrs.Neelam Joshi	International Conference on Intelligent Algorithm for Computational Intelligence Systems ( IACIS),by Navkis College of Engineering Hassan (NCEH)	Reviewer	24/08/2024
7.	Mrs.Neelam Joshi	International Conference on Distributed Systems,Computer Networks and Cyberscurity ICDESCNC2024,Sri Krishna Inst.of Technology	Reviewer	21/09/2024
8.	Mrs.Neelam Joshi	International Conference on Software ,Systems and Information Technology (SSITCON-2024),Tumakuru	Reviewer	19/10/2024
9.	Mrs.Neelam Joshi	2 <sup>nd</sup> IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS-2024) ,Sharnbasva University Kalaburagi	Reviewer	23/11/2024
<b>2023-2024</b>				
1.	Dr.Lata Ragha	SIES,Nerul	Mock NBA audit	12/04/2024
2.	Dr.Lata Ragha	18thAvishkar:Inter-Collgiate /Institute /Department Research Convention(Zonal Round)	Judge	21/12/2023
3.	Dr.Lata Ragha	Fr.Conceicao Rodrigues College of Engineering ,Bandra	Expert for Department Audit (Comp Department)	11/07/2023
4.	Dr.Lata Ragha	International Conference on Intelligent Computing and Big Data Analytics, organized by Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University,Nerul, Navi Mumbai	Reviewer	16/06/2024
5.	Dr.Kiruthika M.	Journal of Education Society and Behavioral Science	Reviewer in Journal	27/02/2024



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6.	Dr.Kiruthika M.	International Conference on Technologies for Energy ,Agriculture and Healthcare(ICTEAH 2024),K.J Somiya college of engineering, Vidyavihar University	Reviewer in International Conference	16/04/2024
7.	Dr.Jyoti More	18thAvishkar:Inter-Collgiate /Institute /Department Research Convention(Zonal Round)	Judge	15/12/2023
8.	Dr.Jyoti More	IEEE Conference- PUNCECON-23, CoEP, Pune	Reviewer for IEEE conference	15/12/2023
9.	Dr.Jyoti More	ICAST KJSIET, Mumbai	Reviewer for IEEE conference	08/12/2023
10.	Dr. Chhaya Pawar	3rd International Conference on Advanced Computing Technologies and Applications-2023(ICAETA), organized by SVKM's Dwarkadas J. Sanghvi College of Engineering	Reviewer in International conference	06/10/2023
11.	Dr. Chhaya Pawar	Technovation 2.0 at VCW AVMBE Bandra East	Judge	25/8/2023
12.	Dr. Chhaya Pawar	ICAST - 6 <sup>th</sup> International Conference on Advances in Science and Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai	Reviewer in International conference	09/12/2023
13.	Dr. Chhaya Pawar	3rd International Conference on Information and communication technology in business, industry and government (ICTBIG-2023) is being hosted by IEEE Madhya Pradesh Section at, Indore	Program Committee	09/12/2023
14.	Dr. Chhaya Pawar	EAI ICISML 2024 - EAI 3rd International Conference on Intelligent Systems and Machine Learning,Pune India.	Reviewer in International conference	06/01/2024
15.	Dr.Smita Dange	EAI ICISML 2024 - EAI 3rd International Conference on Intelligent Systems and Machine Learning,Pune India.	Reviewer in International conference	06/01/2024
16.	Dr.Smita Dange	IETS Student forum of SIES "TechXter", Nerul	Judge	22/03/2024
17.	Dr.Smita Dange	International Conference on Technologies for Energy ,Agriculture and Healthcare(ICTEAH 2024),K.J Somiya college of engineering, Vidyavihar University	Reviewer in International Conference	16/04/2024
18.	Dr.Smita Dange	CIoTSC 2023- International Conference on Computer, Internet of Things and Smart City .China	Reviewer in International conference	05/11/2023
19.	Dr.Smita Dange	ICAST - 6th International Conference on	Reviewer in	09/12/2023



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		Advances in Science and Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai	International conference	
20.	Dr.Smita Dange	3rd Edition of IEEE Madhya Pradesh Section and IEEE Computer Society flagship International Conference (ICTBIG2023) is being hosted by IEEE Madhya Pradesh Section at, Indore	Advisory Committee	08/12/2023.
21.	Dr.Smita Dange	ICAST - 6th International Conference on Advances in Science and Technology, Mumbai, India.	Session Chair in International conference	08/12/23
22.	Dr.Smita Dange	3rd International Conference on Data Science & Big Data Analytics (IDBA-ACMWIR 2023) organized by Sri Arubindo Institute of Technology, Indor	Advisory Committee Member	16/06/2023
23.	Ms.Rakhi Kalantri	3 <sup>rd</sup> International Conference on Advanced Computing Technologies and Applications-2023(ICACTA), organized by SVKM's Dwarkadas J. Sanghvi College of Engineering	Reviewer in International conference	06/10/2023
24.	Ms.Rakhi Kalantri	6 <sup>th</sup> International Conference on Advances in Science and Technology (ICAST-2023) organized by K. J. Somaiya Institute of Technology, Sion, Mumbai, in association with the University of Mumbai, India, and technically co-sponsored by IEEE Bombay Section,	Reviewer in International conference	09/12/2023
25.	Ms.Kavita Shelke	Advances in Modern Age Technologies for Health and Enginnering Science (AMATHE 2024) ,Shivamogga ,Karnataka, India	Technical Reviewer	16/05/2024

### 2022-2023

1.	Dr.Kiruthika M.	Lokmanya Tilak College of Engineering	Reviewer in International conference	18/03/2023
2.	Dr.Kiruthika M.	Polish Journal of Electrical engineering (Web of Science)	Reviewer in Web Science	25/11/2022
3.	Dr.Kiruthika M.	Polish Journal of Electrical engineering (Web of Science)	Reviewer in Web Science\	10/01/2023
4.	Dr.Jyoti More	University Mumbai	Moderation Committee	16/03/2023
5.	Dr.Chhaya Pawar	K.J.Somaiya – International Conference	Reviewer in International Conference	02/12/2022



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6.	Ms.Smita Dange	3 <sup>rd</sup> International Conference on Data Science and Big data Analytics	Advisory Committee	17/06/2023
7.	Ms.Smita Dange	IAES	Reviewer in Journal	10/8/2022
8.	Ms.Smita Dange	K.J.Somaiya – International Conference	Reviewer in International Conference	03/12/2022
9.	Ms.Dakshayni R.	K.J.Somaiya – International Conference	Reviewer in International Conference	03/12/2022
10.	Ms.Smita Dange	Terna college of Engineering	Resource person	03/02/2023
11.	Ms.Kavita Shelke	St.Francis Institute of Technology (CSCITA-23)	Reviewer in International conference	1/4/2023
12.	Ms.Rakhi Kalatri	K.J.Somaiya – International Conference	Reviewer in International Conference	02/12/2023
<b>2021-2022</b>				
1.	Dr.Lata Raha	University Examination	Semester Coordinator	01/06/2021
2.	Dr.Lata Raha	Avishkar - University of Mumbai	Judge	22/03/2022
3.	Dr.Lata Raha	Avishkar - University of Mumbai	Judge	03/07/2021
4.	Dr.Jyoti More	Avishkar - University of Mumbai	Judge	22/03/2022



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### Interview Panel/BoS/APS/LIC

SrNo.	Name of Faculty	Name of Organization	Date
<b>2024-2025</b>			
1.	Dr.Lata Ragha	K.J Somaiya Institute of Engineering and Information Technology --BoS	24/07/2024
2.	Dr.Jyoti More	Lokmanya Tilak College of Engineering –BoS (Department of Computer Science &Engineering –AI&ML)	15/10/2024
<b>2023-2024</b>			
1.	Dr.Lata Ragha	Lokmanya Tilak college of Engineering Subject Expert and External Examiner for Ph.D	17/02/2024
2.	Dr.Lata Ragha	Pillai College of Engineering, Panvel -- Expert member for PhD Progress seminar	17/02/2024
3.	Dr.Lata Ragha	Lokmanya Tilak college of Engineering --Subject Expert for USSC interview	30/01/2024
4.	Dr.Lata Ragha	PhD Progress Seminars at Pillai HOC --Expert member	05/08/2023
5.	Dr.Lata Ragha	K.J.Somaiya Institute of Engineering and Information Technology, Sion-- Subject Expert for the process of Scrutiny	19/06/2024
6.	Dr.Lata Ragha	K.J.Somaiya Institute of Engineering and Information Technology, Sion -CAS expert Nominee ,Subject Expert	24/07/2023
7.	Dr.Lata Ragha	Shah and anchor Kutchhi engineering college --USSC Interview	16/12/2023
8.	Dr.Lata Ragha	RAIT, PhD research Progress Seminar	27/07/2023
9.	Dr.Lata Ragha	Thakur College of Engineering & Technology ,as a Vice chancellor Nominee by University of Mumbai	20/07/2023
10.	Dr.Lata Ragha	Academic Representative in D.A.B, Shah and Anchor Kutchhi Engineering College for Cyber Security.	10/02/2024
11.	Dr.Lata Ragha	BoS member, University nominee, Shah and Anchor Kutchhi Engineering College – (Cyber Security )	14/03/2024
12.	Dr.Lata Ragha	VC Nominee for USSC interviews at MET, Bandra	11/09/2023
13.	Dr.Lata Ragha	University Of Mumbai –BOS	02/10/2023
14.	Dr.Lata Ragha	University Of Mumbai- Local Inquiry Committee for (SIES)	07/08/2023
15.	Dr.Lata Ragha	University Nominee, BoS, IT, KJSIT	01/07/2023
16.	Dr.Lata Ragha	Member, BoS, Information Technology, MU	06/11/2023
17.	Dr.Lata Ragha	University Of Mumbai- Local Inquiry Committee (K.J Somaiya)	31/8/2023
18.	Dr.Lata Ragha	University Of Mumbai- Local Inquiry Committee for (SPIT)	01/09/2023
19.	Dr.Jyoti More	Vishwakarma Institute of Information Technology (VIIT),Pune ---BOS BoS Member for CSE (IoT, CyberSecurity including	10/10/2023





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		Blockchain Technology ) as Professional Expert	
20.	Dr.Jyoti More	Rajarambapu Institute of Technology ---BOS Member of Board of Studies- CSE (AIML) Department	15/03/2023
<b>2022-2023</b>			
1.	Dr.Lata Ragma	Pillais HOC college of Engineering Rasayani - Local Inquiry Committee	28/07/2022
2.	Dr.Lata Ragma	Shah & Anchor – Subject Expert Interview-Cyber security	01/07/2022
3.	Dr.Lata Ragma	University Of Mumbai –BOS	31/08/2022
4.	Dr.Lata Ragma	D.Y.Patil University –Examiner for Final dissertation Examiner for dissertation	12/09/2022
5.	Dr.Jyoti More	Rajarambapu Institute of Technology ---BOS *	15/03/2023
<b>2021-2022</b>			
1.	Dr.Lata Ragma	University of Mumbai --Expert committee visit at (IMEET)	22/04/2022
2.	Dr.Lata Ragma	Pillai HOC, Rasayani –PhD Credit Seminar assessment	22/03/2022
3.	Dr.Lata Ragma	K.J.Somaiya – External Academic Audit	12/02/2022
4.	Dr.Lata Ragma	Pillai HOC, Rasayani –PhD admission selection process	16/03/2022



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### Invited Lectures

Sr. No.	Name of the Faculty	Name of Institute	Topic of Lecture	Date
<b>2024-2025</b>				
1.	Mr.Amroz S	Contribution to the AI in Military Certification Course,(CLAWS)	“Unleashing the Power of Deep Learning in Defence”	07/08/2024
2.	Mrs.Prachi Verma	Expert Talk on in Fr.C.R.I.T, Vashi EXTC department	“Linked List & Application”	11/10/2024
<b>2023-24</b>				
1.	Dr.Kiruthika M.	Application of Machine Learning in Power System & Introduction to challenges towards data security in Power Systems	Session at STTP on “Role of Machine Learning in Electrical Engineering”	02/01/2024
2.	Mr. Rahul Jadhav	5 Day Residential Leadership Training Program for N.S.S. students of Navi Mumbai region affiliated to the University of Mumbai on	Conducted session on "How to instill teamwork"	30/01/2024
3.	Dr. Chhaya Pawar	Agnel Polytechnic	Expert Talk on “Learning Through Projects”	03/08/2023
4.	Dr. Chhaya Pawar	“Grey Box Probing on Generative AI” at Fr.C. Rodrigues Institute of Technology, Vashi	Session at STTP on “Ethical & Responsible GenerativeAI “	11/01/2024
5.	Mr.Amroz S	“Grey Box Probing on Generative AI” at Fr.C. Rodrigues Institute of Technology, Vashi	Session at STTP on “Hands on Exercise on TextGenerationusing Tensorflow”	11/01/2024
6.	Mr.Mritunjay Ojha	Lokmanya Tilak College of Engineering	Expert Talk on "C Programming”	04/04/2024
7.	Dr. Pravin S. Rahate	Fr.C. Rodrigues Institute of Technology, Vashi	Seminar on Copyright Act in India	27/12/2023
<b>2022-23</b>				
1.	Dr.Jyoti More	Xavier Institute of engineering	Conducted Orientation session	12/01/2023
2.	Mr.Rahul Jadhav	Saraswati College of Engineering	Conducted Session	15/02/2023
3.	Dr.Chhaya Pawar	Agnel Polytechnic	Conducted Session	13/03/2023
<b>2021-22</b>				
1.	Mrs.Smita Dange	IETE-ETSA Fr.C. Rodrigues Institute of Technology, Vashi	“Big Data Analytics using Hadoop”	17/02/2022



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### Syllabus Setting

Sr.No	Name of the Faculty	Achievement	Date
<b>2023-2024</b>			
1.	Dr.Jyoti More	FE Syllabus setting- CP- UoM	03/05/2024
2.	Dr.Jyoti More	Result Moderation for Computer Engg. at UoM	08/02/2023
3.	Dr.Jyoti More	Moderation for Computer Engg. at UoM	31/07/2024
<b>2022-23</b>			
1.	Mrs.Smita Dange	Data Science & Engineering M.E.I.T –Mumbai Universality	04/04/2022
2.	Mrs.Smita Dange	BEIT-IoT,IoE Lab Sem-7	01/07/2022
3.	Mrs.Smita Dange	B.E IN IoT CS including BCT - IoT Protocol and Architecture , and IoT Protocol and Architecture lab Sem 6	01/07/2022



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### Other Achievements

Sr.No	Name of the Faculty	Achievement	Date
<b>2024-2025</b>			
1.	Dr.Lata Ragha	Academic Excellence in Head of Department Regional Category by IEI NMLC-Fr.C.R.I.T Excellence Award	18/09/2024
2.	Mrs. Dakshayani G	NPTEL online certification with ELITE grade in Cyber Security and Privacy.	October 2024
<b>2023-2024</b>			
1.	Dr. Smita Dange	As a Section Editor in Computer Software and Media Application	28/11/2023 - 29/01/2024
2.	Mr. Rahul Jadhav	Won second prize in "YOGDAN- innovative and Best Teaching Pedagogy Presentation Competition , organized by TSEC in association with IEEE.	06/12/2023
3.	Mr. Rahul Jadhav	Got special appreciation for his exemplary leadership for guidance and dedication which played a pivotal role in sensitizing over 3400 school children about cyber security and threats during Cyber Heroes event organized by the CRY Foundation	30/01/2024
4.	Mr. Rahul Jadhav	Led the NSS Special Camp (7 days Residential) on theme "Uvakancha Dhyas Gram Vikas".	7/01/2024 to 13/01/2024
5.	Mrs.Vidya k.	NPTEL online certification with ELITE grade in Python for Data Science.	February 2024