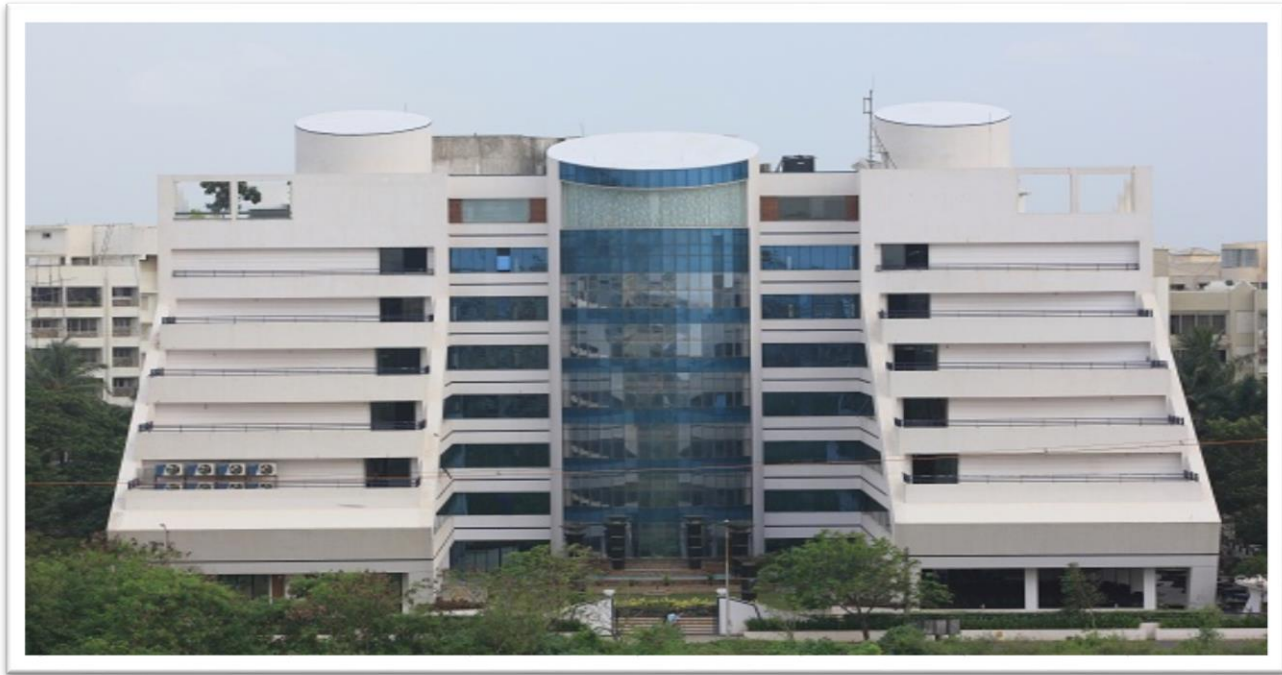


Department Report
Department of Information Technology
AY 2022-23

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MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
(Permanently Affiliated to University of Mumbai)
Department of Information Technology



About the Department: -

Information Technology is an interdisciplinary field primarily concerned with the analysis, collection, classification, manipulation, storage, retrieval and dissemination of information. To create the Information Technocrats, Rajiv Gandhi Institute of Technology pioneer the Department of Information Technology in the year 2002 with the sanctioned intake of 60 students.

University of Mumbai, has proposed to offer various Honours/Minor degree program corresponding to each engineering program. In accordance with the University Guidelines, Department of Information Technology has introduced Honours and Minor degree program from the year 2022-2023 in order to facilitate the students to choose additionally the specialized courses in the emerging areas of their choice and build their competence in such domains. Information Technology students have opted this course as a Honour Degree Program and Instrumentation Engineering, Mechanical Engineering students opted this course as a Minor Degree Program.

Students, faculty, and staff collaborate to unite technology, people, and information to make a fundamental difference in this knowledge society, a society in which citizens collaboratively and freely create and share knowledge and utilize information and technology to promote growth, prosperity, and well-being.

The main focus of the department is to produce graduates with strong fundamentals in Information Technology domain. There is a distinct entrepreneurial spirit in the students of the department. The department has well equipped classrooms and computer laboratories with high - end systems. Moreover, it has a rich departmental library. The department also has a Student Professional Body named ABIT.

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
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Department of Information Technology

Vision

To create competent technical professionals in Information Technology with ethical behavior and environment consciousness.

Mission

- 1.To provide contemporary and cutting-edge technical education in Information Technology.
- 2.To provide an ambience which nurtures research ideas in futuristic domains of Information Technology.
- 3.To initiate project-based learnings and practical exposures in the area of Information Technology.
- 4.To direct faculties in research and consultancy / advisory roles
- 5.To establish strong linkages with well-known national and international technical institutes and industry
- 6.To promote a culture of imbining environmental care.
- 7.To aim to become a department of aspiration and choice.

Programme Educational Objectives

PEO1: To prepare student with a sound foundation in Mathematic, Scientific and Information Technology fundamentals and prepare for employment, higher studies and research.

PEO2: To encourage the students to pursue higher studies in the field of specialization.

PEO3: To inculcate leadership, team work, entrepreneurship, professional ethics, Indian values and holistic development among students.

PEO4: To motivate student to the art of self-learning and solve complex real-life problems using modern scientific and IT tools.

PSO-Program Specific Outcomes

PSO1: An ability to apply the knowledge in the multidisciplinary fields and make it IT enabled.

PSO2: To develop the knowledge of algorithms, data structures, cloud services, information security, programming languages and data analytics as an IT professional.

Program outcomes (POs)

Engineering Graduates will be able to:

PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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Department of Information Technology

Departmental Profile

B.E. in Information Technology


- Started in the year of 2002 with an intake of 60.

Human Resource

Details of faculties in the Department- The faculties in the Information Technology Department are highly motivated towards to use innovative teaching learning method. Department have the experience faculty in teaching as well as in industry.

List of Faculty (2022-23):

Sr. No.	Name of the Staff	Qualification	Designation
1	Dr. Sunil B. Wankhade	B.E. (Comp), M.E.(Comp), Ph.D.	Professor & Head
2	Prof. Shirish K. Sabnis	B.E. (Electrical), M.E.(Inst)	Assistant Professor
3	Prof. Abhay E. Patil	B.E.(Comp), M.E.(Comp)	Assistant Professor
4	Prof. Nilesh T. Rathod	B.E.(Comp), M.E.(Comp), Ph.D.*	Assistant Professor
5	Prof. Ankush G. Hutke	B.E.(Comp), M.E.(IT), Ph.D.*	Assistant Professor
6	Prof. Govind P. Wakure	B.E.(IT), M.E.(IT)	Assistant Professor
7	Prof. Swapnil S. Gharat	B.E.(Comp), M.E.(Comp)	Assistant Professor
8	Prof. Yogita H. Ganage	B.E.(IT), M.E.(IT)	Assistant Professor
9	Prof. Anushree S. Deshmukh	B.E.(IT), M.E.(IT), Ph.D.*	Assistant Professor
10	Dr. Swati V. Narwane	B.E.(Comp), M.E.(Comp), Ph.D	Associate Professor
11	Prof. Rahul L. Jiwane	B.E.(Comp), M.Tech.(Comp).	Assistant Professor
12	Prof. Mrunalinee Patil	B.E.(IT), M.E.(IT)	Assistant Professor


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Faculty Publications

Details of Publication (2022-23)


Sr. No.	Name of Staff	Title of Paper	Publication Details	Web Link
1.	Dr. Sunil Wankhade	1. "An Effective solution Towards Solving the Problem of Deepfake Detection".	Scandinavian journal of information Systems, Ais E-library SCOPUS indexed, 2023.	http://sjsscandinavian-iris.com/index.php/sjis/article/view/557
		2. "Rice Plant Disease Detection and Classification using Machine Learning Techniques with BPSO Feature Selection"	International conference on multi-disciplinary research studies and education, (ICMDRSE-2023), 19th & 20th May 2023.	https://www.
		3. "Designing a Decision Support System using Electronic Health Records for Symptoms Faking Problem at Emergency Clinics".	2023, SCOPUS indexed.	https://www.
		4. "Implementation of Decision Support System using Deep Learning and Electronic Health Records for Weeding Out Drug Seeking Behaviour at Emergency Clinic"	Inventive Computation and Information Technologies Proceedings of ICICIT 2022	http://www.swyxgcx.cn/index.php/jbme/article/view/114
		5. "Text Summarization using GPT-3"	Inventive Computation and Information Technologies Proceedings of ICICIT 2022	https://drive.google.com/open?id=1XrJ0bEuWwH8gKTSbPUHbsFrPgCKUVivw
		6. "Optimizing neural network based on Cuckoo Search and Invasive Weed Optimization using Extreme Learning Machine approach"	Neuroscience Informatics ISSN2772-5286, Elsevier Journal, 2022. Factor: 7.538 Volume 10 Issue V May 2022-	https://www.sciencedirect.com/science
		7. NFT Marketplace	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1pcF3xnGSCBjmM9OaiSjpAl89w8BAQHDC

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		8.Heart disease prediction system using machine learning	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1JfcJbiOMBb8tRjrjSNDRj56fb9kH3s4s
		Patents Filed: 2 Patents Published: 2		
		1. Using Deep Learning to increase efficiency in electronic health record (EHR) practices	Application No.202321014577 A, The Patent Office INDIA Journal No. 18/2023 dated 05/05/2023.	-
		2. A Hybrid Optimization driven Extreme Learning Machine (ELM) for Enhancing Classification.	Right number: 2021107084 with Australian Government under Innovative category. (Current Status: Grant).	https://publications.eai.edu/index.php/airo/article/view/383
2	Prof. S.K.Sabnis	1. Analytical Prediction Of Rainfall Using Machine Learning	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=19nn9buae3XADzTwot7963nlnVygzn3ye
		2. Eventor –Workshop & Events Registration & Management Application	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=10S9gZ801Yv7hoSKCfjKV4OY3zrkRde7k
3.	Prof. A.E.Patil	1. “Emotion Based Music Recommendation System.”	International Journal of Innovative Research in Science, Engineering and Technology, vol. 12, no. 4, Apr. 2023, pp. 3673–3676.	https://doi.org/DOI:10.15680/IJIRSET.2023.1204198
		2. Patil, Abhay, et al. “Ransomware Detection System using Machine Learning Algorithms”	International Journal of Innovative Research in Science, Engineering and Technology, vol. 12, no. 4, Apr. 2023, pp. 3530-3533	https://doi.org/DOI:10.15680/IJIRSET.2023.1204169
4	Prof. Ankush Hutke	1. "Movie Recommendation System",	IJIRT - International Journal of Innovative Research in Science, Engineering and	www.ijirset.com

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			Technology (IJIRSET), e-ISSN: 2319-8753, Volume 12, Issue 5, May 2023, pp 5662-5666.	
5	Prof.Govind Wakure	1. Twitter Sentiment Analysis using Naïve Bayes Algorithm	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET). Volume 12, Issue 4, April 2023. e-ISSN: 2319-8753, p-ISSN: 2320-6710	https://drive.google.com/open?id=1JQeNMEMv-vl6Dfof4bQd7fnXsv9OoSHI
6	Prof. Anushree Deshmukh	1. "An Effective Solution Towards Solving the Problem of Deepfake Detection"	Scandinavian journal of information Systems, Ais E-library SCOPUS indexed, 2023.	http://sjisscandinavian-iris.com/index.php/sjis/article/view/557
		2. "Cotton Price Prediction using Arima Model"	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET-UGC Approved) e-ISSN : 2319-8753 Vol-12, Issue-04, APR 2023.	https://drive.google.com/open?id=1oK51RcsRYKAyshx_GSikfSNKarJOQZd5
		3. "Sugarcane Disease Detection"	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET-UGC Approved) e-ISSN : 2319-8753 Vol-12, Issue-04, APR 2023.	https://drive.google.com/open?id=1FJ5sf1dIoeAiVwLJHN-LvKbGHw2n4uCL
7	Dr. Swati Narwane	1. "Determinant of Blockchain- machine Learning adaptation in Adaptive Manufacturing".	Inder Science (IJISE-137138)- (March 2023)	
		2. Is handling unbalanced datasets for machine learning uplifts system Performance? A case of diabetic prediction. Diabetes & Metabolic Syndrome: Clinical Research & Reviews.	16(9), 102609. (Elsevier Publication).	
		3. Multiple Disease Prediction Using Machine Learning	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN:	https://drive.google.com/open?id=18_cRTGN5eETvrhrMT7BR8IUBz25w3dUZ


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			2319-8753, p-ISSN: 2347-6710 Volume 12, Issue 4, April 2023	
8	Prof. Rahul Jiwane	1."Indian Currency Fake Note Detection System Using Resnet 50".	International Journal of Innovative Science and Research Technology, ISSN No:-2456-2165, Volume 8, Issue 4, April – 2023.	https://drive.google.com/file/d/1AatSxUJHHUCjkXoJ-BwK9Zkn-yJka1Bg/view?usp=drive_link
		2."Smart Video Surveillance System using YOLO Algorithm".	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710, Volume 12, Issue 4, April 2023.	https://drive.google.com/open?id=18_cRTGN5eETvrhrMT7BR8IUBz25w3dUZ

Total No of Faculty Publication in 2022-2023: - 22

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Details of Faculty Development Programs attended

- Department of Information Technology encourages Faculty member to do NPTEL certificate courses, AICTE recommended courses and Coursera courses. Following is the list of achievement of faculty members:

STTP / FDP/ WORKSHOP Attended

Year: 2022-23

Sr. No	Name of Faculty	Nature of Program attend	Topic / Theme	AICTE / UGC Approved (STTP/FDP/WORKSHOP)	Role	Date (Duration)
1	Dr. S.B. Wankhade	Workshop	Data Science & Machine Learning	Grok Learning Pvt Ltd., Mumbai,	Attended	August 29, 2022 to September 3, 2022.
		Webinar	Data Science & its Applications	BVICAM, New Delhi	Attended	20 August, 2022
		International Conference	Artificial Intelligence and Evolutionary Computing	ICACTA 2023. Conference	Reviewer	
		International Conference	Communication Systems, Computing and IT Applications	St. Francis Institute of Technology	Reviewer	31 st March To 1 st Apr 2023
		National Symposium	National Symposium on Academic Challenges Towards Implementation	IFERD-2023	Participated & Presented Paper	29th and 30th September, 2022
		6 th International Conference	Multi-Disciplinary Research Studies & Education		Participated	19 & 20 May 2023

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2	Prof. A. E. Patil	FDP	Data Science Tools and Research	Artificial Intelligence and Data Science VIIT, Pune	Attended	1 st to 5 th Nov.2022
		IEEE Conference	Advances in Science & Technology	K.J. Somaiya Institute, Mumbai	Reviewer	2 nd & 3 rd Dec.2022
3	Prof. Ankush Hutke	Conference/seminar/webinar	Unlock the power of creativity and collaboration with Windows Pro for Education	Ingram Micro	Attended	22/12/2022
		Workshop	Data Science and Machine Learning	Grok Learning Pvt. Ltd.	Attended	29/08/2022 To 03/09/2022
		FDP	Computer Vision in Machine Learning	Datta Meghe College of Engineering, Airoli	Attended	17/10/22 To 21/10/22
		FDP	Block Chain and DLT	Xavier Institute of Engineering, Mumbai	Attended	02/01/2023 To 07/01/2023
		Hackathon	Judge at Hackathon - Recursion 4.0	RGIT	Judge	15/03/2023
		ICARUS	Panelist for Technical Paper Presentation Competition at ICARUS	RGIT	Judge	23/03/2023 To 24/03/2023
		Project Competition	Judge at National level Project Competition	D.J. Sanghavi COE, Mumbai	Judge	13/04/2023
4	Prof. Anushree Deshmukh	Workshop	Data Science and Machine Learning	Grok Learning Pvt. Ltd.	Attended	29/08/2022 To 03/09/2022
		FDP	Computer Vision in Machine Learning	Datta Meghe College of Engineering, Airoli	Attended	17/10/22 To 21/10/22
		FDP	Block Chain and DLT	Xavier Institute of Engineering, Mumbai	Attended	02/01/2023 To 07/01/2023
		Hackathon	Judge at Hackathon - Recursion 4.0	RGIT	Judge	15/03/2023

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		ICARUS	Panelist for Technical Paper Presentation Competition at ICARUS	RGIT	Panelist	23/03/2023 To 24/03/2023
5	Dr. Swati Narwane	FDP	Secure Application Development	Datta Meghe Collage of Engineering Airoli, new Mumbai	Organiser	27/06/2022 To 1/07/2022
6	Prof. Mrunalinee Soliv		National Level Faculty Development Programme On Research Methodology	IQAC Dr. V.B. Kolte College of Engineering, Malkapur	Attended	02 May to 6 May 2023

Departmental Infrastructure

- Departmental Library has 376 books for staff and students
- Department has 5 advanced laboratories

Laboratories

Sr. No.	Name of the Laboratory	Room No.
1	Information & Communication Technology Lab	A61-A
2	Algorithm Design Lab	A61-B
3	Database Management System Lab	A62
4	Wireless Communication Lab	C61-A
5	Operating System Lab	C61-B

Classrooms

- ❖ Two classrooms with fixed LCD Projector having capacity of 80 students and Internet facility.
- ❖ DBMS Laboratory is equipped with Interactive Board (with Internet Facility).

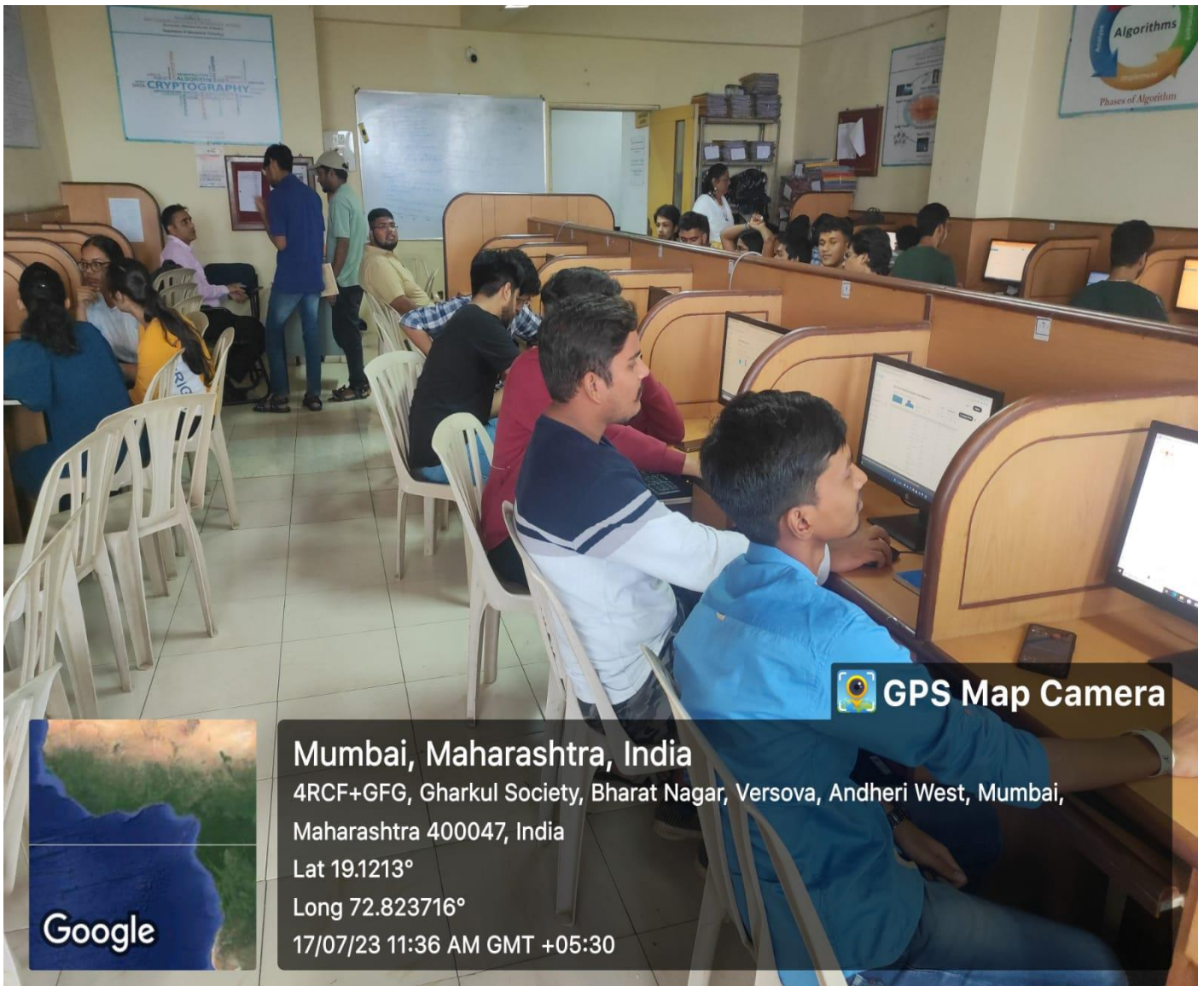
Lab In-charges

Sr. No.	Name of the Lab	Name of the Staff
1	Room No. A-61 Information & Communication Technology Lab Algorithm Design Lab	In-charge: Prof. Swapnil Gharat Lab Assistant: Mr. Santosh Ghatkar

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2	Room No. A-64 Database Management System Lab	In-charge: Prof. Anushree Deshmukh Lab Assistant: Mr. Santosh Ghatkar
3	Room No. C-61 Wireless Communication Lab Operating System Lab	In-charge: Prof. Govind Wakure Lab Assistant: Mr. Omkar Shinde

Lab Photos



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Database Management System Lab

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Wireless Communication Lab /Operating System Lab

Report On: Parents-Teachers Meet (SE IT SEM-III)

- **Date:** Saturday, 1st October 2022
- **Time:** 11:00AM to 12:30PM
- **Platform:** Google Suite Meet
- **Total number of parents attended the meeting:** 45.

The Department of Information Technology organized a Parent-Teacher meeting on Saturday, 1st October 2022 in the online mode, using Google Suite Meet at 11.00 am. The main purpose of meet was to create a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding all round development of student.

The agenda of the Parents-Teachers meeting:

- Introduction to the Department.
- Students attendance and its importance.
- Participation of the students in the value added programs like Internship/ Conferences/ Workshops/ Extra Curricular and Co-Curricular/ Online Technical Courses.
- Vision, Mission, CO-PO, PSO, PEO.
- Academic Excellence.
- Parents-Teacher Interaction.
- Parents Expectations and Feedback

The aims and objects of the Parent Teachers Associations:

- To encourage and promote good relationship among the members of the teaching faculties and parents/guardians of the students.
- To create in its members enthusiastic interest for the smooth working and the progress of the Department of Information Technology and for maintaining good discipline and high academic standards.
- To create better understanding between parents and teachers.
- Improve the learn method by knowing the strength of the students.
- To appreciate the students to participate all kind of academic activities.
- To help parents and students to adopt themselves to the changing concepts of society.

Welcome address was proposed by **Prof. Rahul Jiwane**, Class Advisor (S.E.), she explained how PTM can offer the best possible learning environment for the students. Head of Department **Dr. Sunil Wankhade** gave the inaugural speech and then all faculty members were introduced to parents.

The remarks of this meeting with the parents are listed below:

The parents were then allowed to talk with the teachers for their ward's attendance & performance. The parent gave a very good feedback for the program as well as about the participation of faculty staffs in all the academic as well as co-curricular activities and appreciated teacher ward system.

Interaction of the parents with all faculty members.

Suggestions received from the parents.

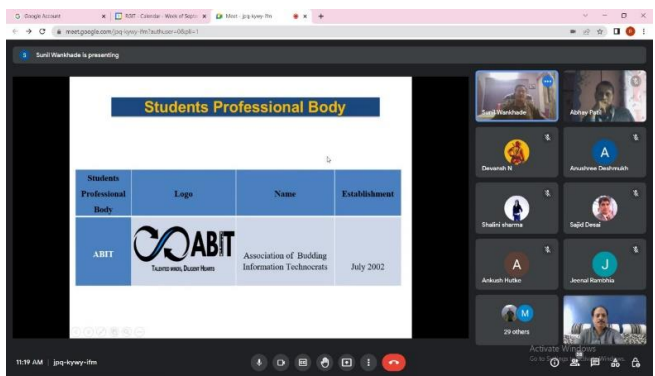
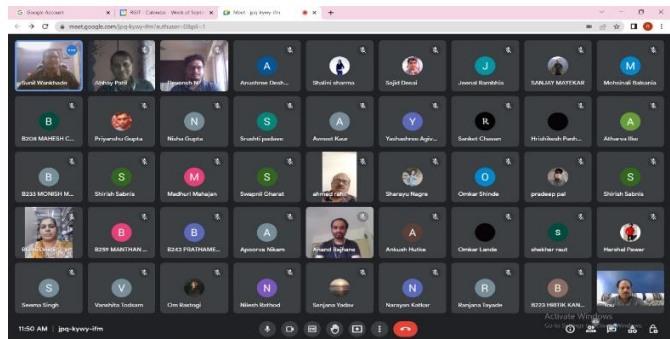
- Guidance for getting the job or higher studies.
- Internship Program for the students.

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- Practical Training in industry to get real time information.
- More knowledge on projects and Industrial visits.
- To provide notes in advance so that students can prepare before lecture.
- Aptitude test, special program for competitive exams.

On behalf of the Department of Information Technology, RGIT all the parents have been requested for their cooperation to improve the education as well as the student profile. Finally, feedback form link is posted in chat box as well as emailed to all parents. The meeting ended with Vote of Thanks delivered by Prof. Rahul Jiwane, Class Advisor (S.E).

Some glimpse of the event:

Dr. Sunil B. Wankhade
Head of Department (I.T.)

Report On: Parents-Teachers Meet (SE IT SEM-IV)

- **Date:** Saturday, 4th March 2023
- **Time:** 10:30AM to 11:30 AM
- **Venue:** Conference Hall, Ground Floor.
- **Total number of parents attended the meeting:** 11

The Department of Information Technology organized a Parent-Teacher meeting on Saturday, 4th March 2023 in Conference Hall, Ground Floor, RGIT at 10.30 am. The main purpose of meet was to create a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding all round development of student.

The agenda of the Parents-Teachers meeting:

- Introduction to the Department.
- Students attendance and its importance.
- Participation of the students in the value added programs like Internship/ Conferences/ Workshops/ Extra Curricular and Co-Curricular/ Online Technical Courses.
- Vision, Mission, CO-PO, PSO, PEO.
- Academic Excellence.
- Parents-Teacher Interaction.
- Parents Expectations and Feedback

The aims and objects of the Parent Teachers Associations:

- To encourage and promote good relationship among the members of the teaching faculties and parents/guardians of the students.
- To create enthusiastic interest in its members for the smooth working and the progress of the Department of Information Technology and for maintaining good discipline and high academic standards.
- To create better understanding between parents and teachers.
- Improve the learn method by knowing the strength of the students.
- To appreciate the students to participate all kind of academic activities.
- To help parents and students to adopt themselves to the changing concepts of society.

Welcome address was proposed by **Prof. Rahul Jiwane**, Class Advisor (S.E. IV Sem), he explained how PTM can offer the best possible learning environment for the students. Head of Department **Dr. Sunil Wankhade** gave the inaugural speech and then all faculty members were introduced to parents.

The remarks of this meeting with the parents are listed below:

The parents were then allowed to talk with the teachers for their ward's attendance & performance. The parent gave a very good feedback for the program as well as about the participation of faculty staffs in all the academic as well as co-curricular activities and appreciated teacher ward system.

Interaction of the parents with all faculty members.

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Suggestions received from the parents.

- Guidance for getting the job or higher studies.
- Internship Program for the students.
- Practical Training in industry to get real time information.
- More knowledge on projects and Industrial visits.
- To provide notes in advance so that students can prepare before lecture.
- Aptitude test, special program for competitive exams.

On behalf of the Department of Information Technology, RGIT all the parents have been requested for their cooperation to improve the education as well as the student profile. Finally, feedback form link is posted in chat box as well as emailed to all parents. The meeting ended with Vote of Thanks delivered by **Prof. Rahul Jiwane**, Class Advisor (S.E).

Some glimpse of the event:



MGT
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Dr. Sunil B. Wankhade
Head of Department (I.T.)

Parents-Teachers Meet Report

(TE IT SEM-VI)

Venue: Conference Room

The Department of Information Technology organized a Parent-Teacher meeting on Saturday, 4th March 2023 in the conference room at 11.30am. The main purpose of meet was to create a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding all round development of student.

- The agenda of the Parents-Teachers meeting:
- Introduction to the Department.
- Students attendance and its importance.
- Participation of the students in the value added programs like Internship/ Conferences/ Workshops/ Extra Curricular and Co-Curricular/ Online Technical Courses.
- Vision, Mission, CO-PO, PSO, PEO.
- Academic Excellence.
- Parents-Teacher Interaction.
- Parents Expectations and Feedback

The aims and objects of the Parent Teachers Associations:

- To foster positive interactions between members of the teaching staff and pupils' parents/guardians.
- To instill a passionate interest in its members for the efficient operation and advancement of the Department of Information Technology as well as for upholding good discipline and high scholastic standards.
- To create better understanding between parents and teachers.
- Knowing the pupils' strengths will help you improve your teaching strategy.
- To encourage students to engage in a variety of academic pursuits.
- To help parents and students to adopt themselves to the changing concepts of society.

Dr. Swati Narwane, Class Advisor (T.E.), presented the welcome speech and described how PTM can provide students with the best learning environment possible. Dr. Sunil Wankhade, the department head, delivered the opening address before introducing each faculty member to the parents.

The remarks of this meeting with the parents are listed below:

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The parents were then given the opportunity to speak with the teachers about their child's achievement and attendance. The parent provided a very positive review of the programme and the faculty's involvement in all extracurricular and academic activities. They also praised the teacher ward system.

Interaction of the parents with all faculty members.

Suggestions received from the parents.

- Advice on how to get an employment or pursue higher education.
- Program for undergraduate internships.
- Real-time information is obtained through practical training in business.
- Additional information about initiatives and industrial visits.
- To give students early notice of notes so they can study for lectures.
- A special programme for competitive examinations, an aptitude test.

On behalf of the Department of Information Technology, RGIT all the parents have been requested for their cooperation to improve the education as well as the student profile. Finally, feedback form given to all parents. The meeting ended with Vote of Thanks delivered by Dr. Swati Narwane.

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Major Achievements of the Department

- ✓ One Faculty member has submitted final Ph.D Thesis and Viva is awaited.
- ✓ Two faculties are doing PhD degree during the year 2022-2023
- ✓ Dr. Sunil Wankhade has been appointed as member, board of studies, Information Technology, Mumbai University.

Department Level Committee Report

Department of Information Technology have various Committees. All committee members actively work on to enhance the overall performance of students and fulfilled Vision-Mission of Institute. Committee Members fully understand the individual roles and responsibility of the nominated positions in order to manage.

Academic Committee 1) Dr. S.B.Wankhade 2) Prof. S.K.Sabnis 3) Prof. A.E.Patil	This Committee arranged Parent-teacher meet for interaction between faculty and students Conducting practices like academic award functions to honor students for their academic excellence.
Discipline Committee 1) Dr. S.B.Wankhade 2) Prof. S.K.Sabnis 3) Prof. A.E.Patil 4) Prof. Nilesh Rathod 5) Prof. Ankush Hutke	Monitor and overserved the performance of the Disciplinary Squad in the prevention of in-disciplinary activity in the institution.
Professional Body Committee 1) Dr. S.B.Wankhade 2) Prof. Nilesh Rathod 3) Prof. Ankush Hutke 4) Prof. Govind Wakure	Provide direction to the activity of the organization, ensuring it is well run and delivering the outcomes for which it has been set up by college.
Extra Co-Curricular Activities 1) Prof. A.E.Patil 2) Prof. Govind Wakure	To foster leadership roles in the student Committee, enhance students' confidence, personality and improve skills
ABIT Committee 1) Dr. S.B.Wankhade 2) Prof. Nilesh Rathod	Conducted Workshops and Seminars. Also performs Cultural Activities.
Project Coordinator Committee 1) Prof. Swapnil Gharat 2) Prof. Anushree Deshmukh 3) Prof. Rahul Jiwane	Provide input on the strategic direction of the student projects. Monitoring the projects and conduct reviews to evaluate progress

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T& P Coordinator Committee 1) Prof. A.E.Patil 2) Prof.Yogita Ganage	Helps in developing student's overall personalities by providing them soft skills & aptitude test training & practices. also give facility by offering campus credentials to make students interview ready
S/W Development Committee 1. Dr. S.B.Wankhade 2. Prof. Govind Wakure 3. Prof. A.E.Patil 4. Prof. Nilesh Rathod 5. Prof. Ankush Hutke 6. Prof. S.K.Sabnis 7. Prof.Anushree Deshmukh	Monitor software requirements and make available to students
S/W & H/W Co-ordinator 1) Prof. Ankush Hutke 2) Mr. Santosh Ghatkar	Provide required hardware and software to students and faculty and maintain records
Time Table Co-ordinator 1) Prof. Rahul Jiwane 2) Mr.Santosh Ghatkar	Preparing the Timetable System each Semester
Departmental Book Library Co-ordinator 1) Prof. Rahul Jiwane 2) Mr.Omkar Shinde	committee undertake to prepare & maintain books , book issue records & others library recourses
Mid Term Exam Co-ordinator 1) Prof. Anushree Deshmukh 2) Mr.Santosh Ghatkar	Conducting Term- test exams and other exam related work like sitting arrangements, preparing Exam duty chart and maintaining records and so on
Class Advisor 1) S.E(III): - Prof. Rahul Jiwane 2) T.E(V): - Prof. Govind Wakure 3) B.E(VII):- Prof. Swapnil Gharat	The committee supervises the teaching learning process on regular basis
Lab In-charge 1) ICT :- Prof.Swapnil Gharat 2) DBMS:- Prof. Anushree Deshmukh 3) 4) MIS:- Prof. Govind Wakure	Monitoring of machines and resources and preparing reports, maintaining records like dead stocks etc
Alumni Committee 1) Prof.A.E.Patil 2) Prof.S.K.Sabnis 3) Mr.Omkar Shinde	Conducted seminar to meet all Alumni's of collage and provide guidance to student by sharing their journey.
Internship Committee 1) Prof.A.E.Patil 2) Prof.Anushree Deshmukh	Motivate student to do internship in various reputed company to make students corporate friendly and helped them to improve knowledge and skills. And also keep records of internship

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Report on Student Result

Department motivated students to participate in Workshop, Seminar, Technical paper presentation, project exhibition, social event, Sports, culture activities.

S.E. SEM III RESULT ANALYSIS (2022-23)

TOPPER IN OVERALL

SR. NO.	NAME OF THE TOPPERS	SGPI
1	Gowada Ruchika	10
2	Gupta Nisha	10
3	Mukhari Monish	10
4	Desai Amin	9.61
5	Raut Yash	9.61

TOPPER IN SUBJECT

SUBJECT	NO	NAME OF STUDENTS	MARKS (100)
AM-III	1	Gowada Ruchika	90
	2	Mukhari Monish	89
DSA	1	Gupta Nisha	88
	2	Desai Amin	86
DBMS	1	Desai Amin	93
	2	Gowada Ruchika	92
POC	1	Gupta Nisha	94
	2	Gowada Ruchika	86
PCPF	1	Gowada Ruchika	89
	2	Gupta Nisha	83

TOTAL NO. OF STUDENTS :- 71

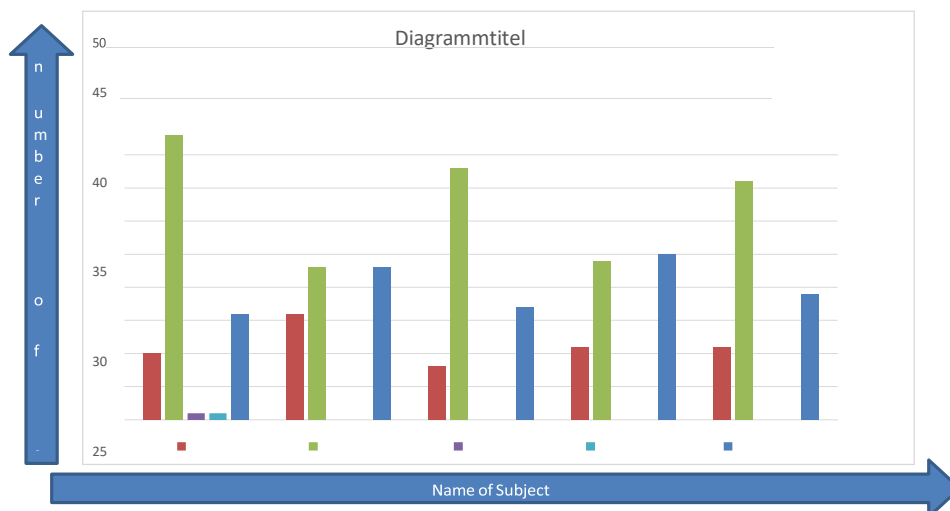
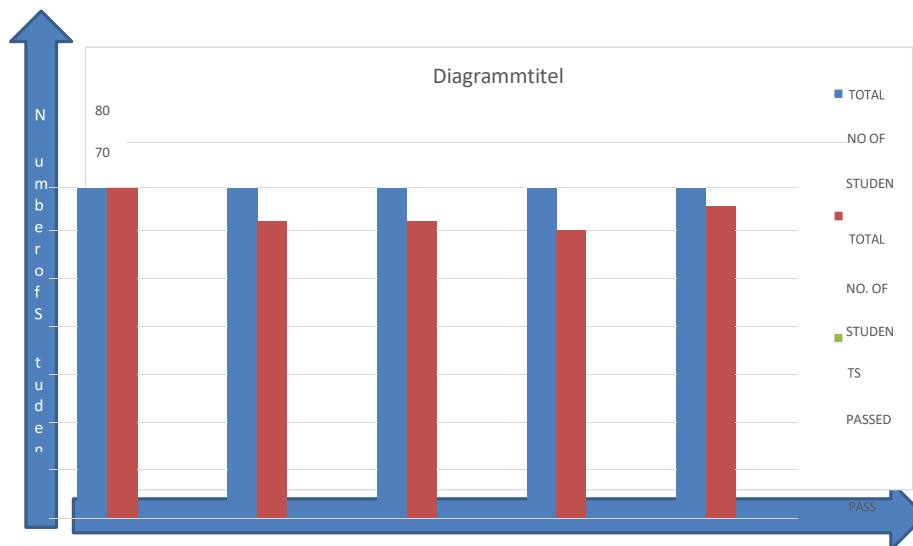
TOTAL NO. OF STUDENTS PASSED:- 43

OVERALL RESULT :- 60.56%

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RESULT SUMMARY

SUBJECT	NAME OF TEACHER	TOTAL NO OF STUDENTS APPEARED	TOTAL NO. OF STUDENTS PASSED	PASS PERCENTAGE IN EACH SUBJECT	CANDIDATES GETTING		
					40-50 MARKS	51-59 MARKS	60 & ABOVE 60 MARKS
AM-III	Prof. Sarla Yadav	71	69	97.00%	16	10	43
DSA	Prof. Ankush Hutke	71	62	87.00%	23	16	23
DBMS	Prof. Anushree	71	63	89.00%	17	8	38
POC	Prof. Surendra Sutar	71	60	84.00%	25	11	24
PCPF	Prof. Rahul Jiwane	71	66	93.00%	19	11	36



Prof. Anushree Deshmukh
 Result Committee Convener

Dr. S.B. Wankhade
 HOD

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T.E. SEM V RESULT ANALYSIS (2022-23)
 TOPPER IN OVERALL

SR. NO.	NAME OF THE TOPPERS	SGPI
1	Chaudhary Saloni	9.87
2	Bhosle Bhakti	9.87
3	Pradhan Anuj	9.83
4	Burhani Murtuza	9.74
5	Sutar Bhakti	9.74
6	Nemade Yutika	9.48

TOPPER IN SUBJECT

SUBJECT	NO	NAME OF STUDENTS	MARKS (100)
IP	1	Bhosle Bhakti	89
	2	Apage Dipti	83
CNS	1	Chaudhary Saloni	86
	2	Burhani Murtuza	82
E&EB	1	Dave Pratik	91
	2	Sutar Bhakti	88
ADMT	1	Chaudhary Saloni	89
	2	Nemade Yutika	84
SE	1	Jadhav Dhiraj	89
	2	Saksham Godbole	87
ADSA	1	Bhurhani Murtuza	91
	2	Bhakti Bhosle	90

TOTAL NO. OF STUDENTS :- 77

TOTAL NO. OF STUDENTS PASSED:- 71

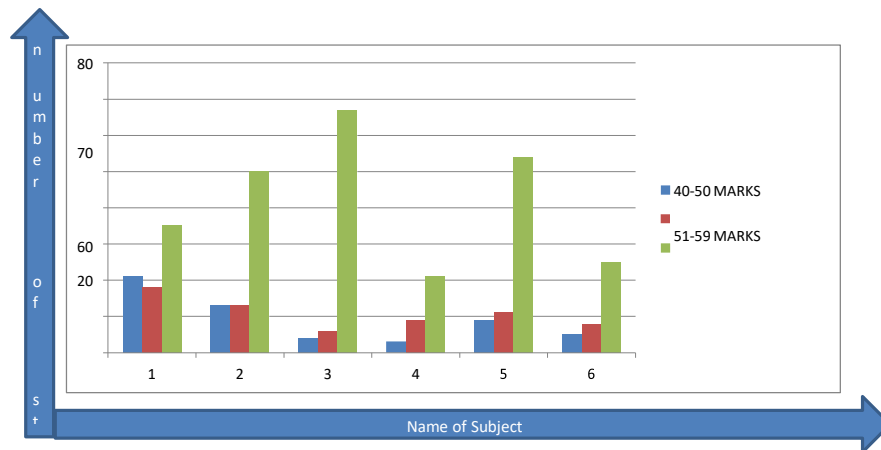
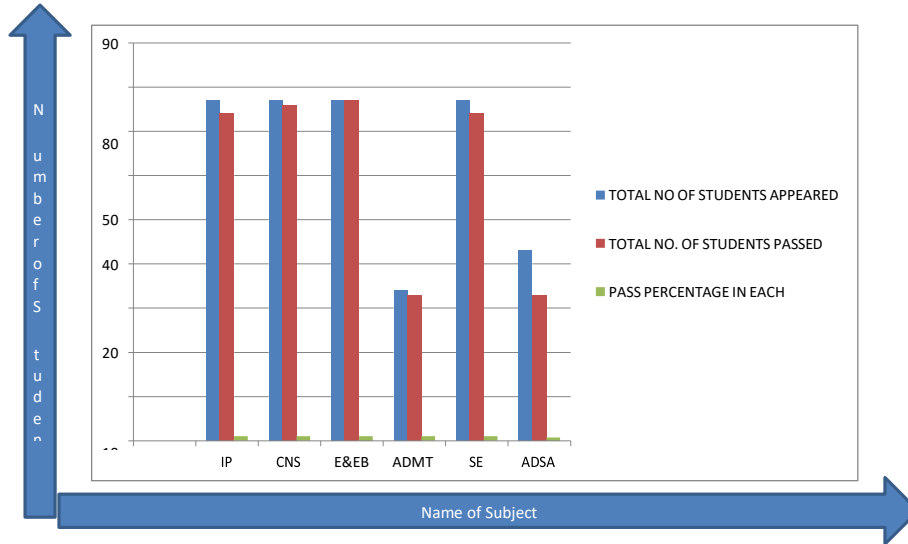
OVERALL RESULT :- 92%

RESULT SUMMARY

SUBJECT	NAME OF TEACHER	TOTAL NO. OF STUDENTS APPEARED	TOTAL NO. OF STUDENTS PASSED	PASS PERCENTAGE IN EACH SUBJECT	CANDIDATES GETTING		
					40-50 MARKS	51-59 MARKS	60 & ABOVE 60 MARKS
IP	Prof. Govind Wakure	77	74	96.00%	21	18	35
CNS	Prof. S.K.Sabnis	77	76	98.70%	13	13	50
E&EB	Dr. S.B.Wankhade	77	77	100.00%	4	6	67
ADMT	Prof. Anushree	34	33	97.00%	3	9	21

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SE	Prof. Nilesh Rathod	77	74	96.00%	9	11	54
ADSA	Prof. Swapnil Gharat	43	33	76.74%	5	8	25



Prof. Anushree Deshmukh
 Result Committee Convener

Dr. S.B. Wankhade
 HOD

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B.E. SEM VII RESULT ANALYSIS(2022-23)

TOPPER IN OVERALL

SR. NO.	NAME OF THE	SGPI
1	Naik Ritesh	9.59
2	Singh Himanshi	9.41
3	Shinde Sakshi	9.32

TOPPER IN SUBJECT

SUBJECT	NO	NAME OF STUDENTS	MARKS (100)
AIDS-II	1	Das Debjani	79
	1	Paul Soumik	79
	1	Shinde Sakshi	79
	1	Ghanekar Ritika	79
	2	Singh Jyoti	77
	2	Jagtap Shreya	77
IOE	1	Ghanekar Ritika	86
	2	Shinde Sakshi	81
STQA (DLOC)	1	Thorat Aishwarya	87
	2	Raut Prajakta	85
IRS (DLOC)	1	Rathod Sakshi	88
	1	Shinde Sakshi	88
	2	Singh Himanshi	87
	2	Udmale Priyanka	87
CSL (ILOC)	1	Rathod Sakshi	83
	2	Sha Shubham	82
	2	Udmale Priyanka	82

TOTAL NO. OF STUDENTS :- 77

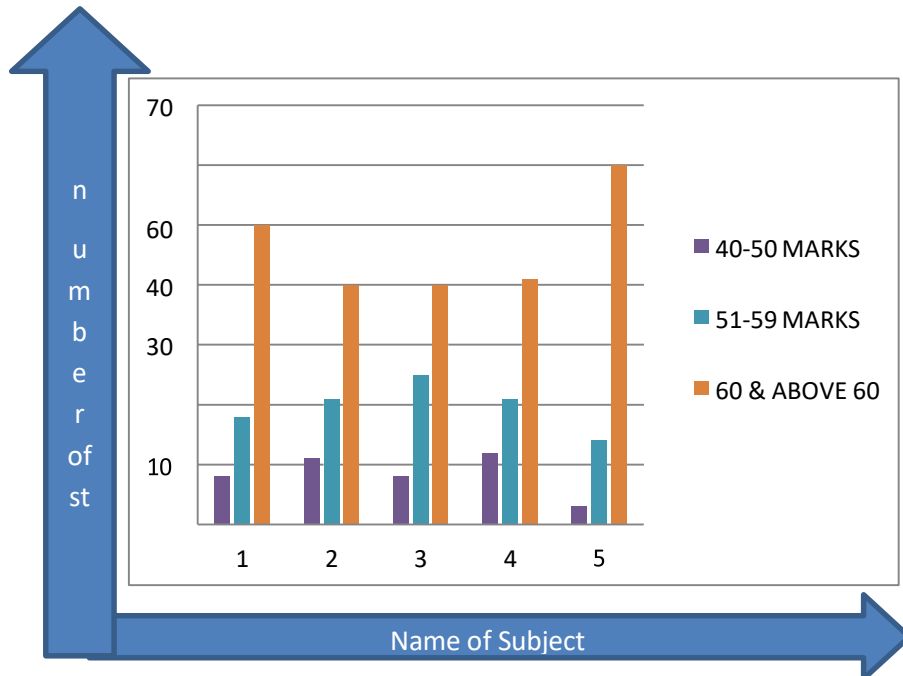
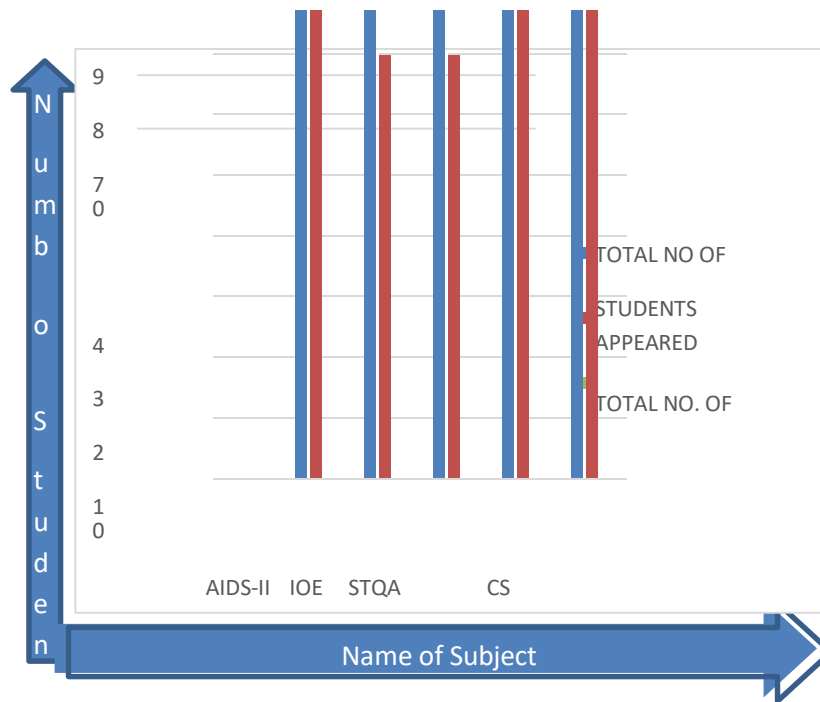
TOTAL NO. OF STUDENTS PASSED:- 70

OVERALL RESULT :- 90.90%

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RESULT SUMMARY

SUBJECT	NAME OF TEACHER	TOTAL NO OF STUDENTS APPEARED	TOTAL NO OF STUDENTS PASSED	PASS PERCENT AGE IN EACH SUBJECT	CANDIDATES GETTING		
					40-50 MARKS	51-59 MARKS	60 & ABOVE 60 MARKS
AIDS-II	Dr. Swati Narwane	77	76	98.70%	8	18	50
IOE	Prof. Swapnil Gharat	77	72	93.50%	11	21	40
STQA	Prof. Rahul Jiwane	77	73	94.80%	8	25	40
IRS	Prof. Rahul Jiwane	77	74	96.10%	12	21	41
CSL	Dr.Sunil Wankhade	77	77	100.00%	3	14	60



Prof. Anushree Deshmukh
Result Committee Convener

Dr. S.B. Wankhade
HOD

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IA Examination Internal Audit 2022-2023

Date: 13-07-2023

Following are the remarks of the Internal Examination Audit Committee on 18-07-2023 for AY 22-23

Sr.No	Evaluation Factors	Observations
1	Focus on question paper mapping to course outcomes.	Yes, available, very good.
2	Coverage of Syllabus	Moderately covered whole syllabus.
3	Distribution of the marks as per the Syllabus.	Fair, university curriculum is followed.
4	Internal options in question paper and their comparative difficulty level	Yes, internal options in the question papers were observed rationally.
5	The overall level of difficulty of the question paper.	Moderate, suitable for all types of learners
6	Appropriateness of solution ,scheme	Very good. Scheme was presented well in the midterm question papers
7	Appropriateness in assessment of answer sheets.	Entirely uniform assessment was observed
8	Questions related to all courses are mapping course outcomes and blooms taxonomy.	Revised according to the new scheme of R19 ,Mumbai university
9	Weather syllabus coverage and distribution of marks is proper.	Fair, all topics of the units covered and are as per the credits per the units of the syllabus.
10	Overall depth of questions.	Medium, variable as per the difficulty level of the courses. Referred standard blooms taxonomy in framing questions
11	Weather answer sheets shown to students and addressed the grievances.	Yes, as a standard practice, answer sheets were discussed with the students and resolved their queries if any.
12	Any specific comment.	Disciplined and smooth conduct of the midterm examination was observed
Name and signature of the committee members for internal audit		Prof. S.K.Sabnis Prof. A.E.Patil

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PROJECT COORDINATORS REPORT (2022-23)

SEM-VII & VIII

1. Name of Project Coordinators: **Mr. Swapnil Gharat**
2. Academic Year: **2022-23**
3. Total Number of Project Groups: **20**
4. No. of Reviews Conducted: **2**
5. Number Date of Project Counseling session and Name of the Counseling faculty: 15 July 2022 from 11.00 am to 12.00 pm. by **Dr. Sunil Wankhade.**
6. Project Calendar Display Dates:

<u>For Odd Semester</u>	
29/07/2022	Project Guide Allocation
12/08/2022	Presentation on the Project Topics approved by Guide
09/09/2022	First Review (SemVII)
16/09/2022	Guide's approval on Report
07/10/2022	Second Review with Final Presentation for Semester (SemVII)
14/10/2022	Submission of E-Report to the Project Coordinator

<u>For Even Semester</u>	
03/03/2023	First Review (SemVIII)
03/04/2023	Second review with final presentation for term work (Sem VIII)
06/04/2023	Guide's approval on Report
24/04/2023	Submission of e-Report to the coordinator

7. Four best projects recommended by project committee for financial support from institute:

Group No	Group Members Names	Guide Name	Project Title	Publication
1	Aditya Gole, Shoaib Khan, Sarthak More, Hersh Pathak	Dr. S.B. Wankhade	Opensea NFT Marketplace	IJRSET
10	Omkar pednekar, Soumik Paul, Rishabh Pandey, Muazzam Shaikh	Prof. Ankush Hutke	Heart disease prediction	IJRSET
12	Harsh Pandey, Vishal Yadav, Nikunj Kumar Darji, Parth Sawant	Prof. Swati Narwane	Multiple Disease Prediction Using Machine Learning	IJRSET
15	Vibha Shinde, Arshi Bhaladar, Siddhanth Das, Gaurav Singh	Prof. Abhay Patil	Ransomware detection system using machine learning algorithm	IJRASET
17	Tejas Kharat, Abhishek Pal, Harsh Palan, Dhiraj Kumar Shastri	Prof. Anushree Deshmukh	Cotton Price Prediction Using ARIMA Model	IJRSET

8. Details of the financial support from the Institute:

All financial support from the institute is given in the project file (5A).

9. Research and Development projects by the Department

10. Details of Projects in Association with Industries or Research Organizations:

11. Projects Retained for Displays in the department:

Projects are retained in the form of CD's attached along with Blackbook reports.

1. Details of student's participation in competitions:

Students participated in Technical festivals of different colleges all over Mumbai and won prizes for the same for the best presentation and best poster awards.

2. Any additional comments of the coordinator: We are in continuous progress for research oriented projects so that the students get motivated for Masters and Doctorate Programs and develop research skills for the same. We are also focusing on multiple participation of students in National level Poster presentations, Research paper presentations.

Prof. Swapnil Gharat
Project Coordinator

Dr. Sunil Wankhade
HOD IT

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MINI-PROJECT COORDINATORS REPORT(2022-23)

SEM-V & VI

1. Name of Mini Project Coordinator: **Prof. Anushree Deshmukh**
2. Academic Year: **2022-23**
3. Total Number of Project Groups: **20**
4. Number of Reviews Conducted: **2**
5. Date of Project Counseling session and Name of the Counseling faculty:
15/07/2022 From 11.00 am to 1.00 pm. by **Dr. Sunil Wankhade**
6. Project Calendar Display Dates:

<u>For Odd Semester</u>	
29/07/2022	Project Guide Allocation
12/08/2022	Presentation on the Project Topics approved by Guide
06/09/2022	First Review (SemV)
04/10/2022	Second Review with Final Presentation for Semester (SemV)
11/10/2022	Guide's approval on Report
11/10/2022	Submission of Report to the Project Coordinator

<u>For Even Semester</u>	
16/02/2023	First Review (SemVI)
23/03/2023	Second review with final presentation for term work (Sem VI)
03/04/2023	Guide's approval on Report
06/04/2023	Submission of Report to the coordinator

Prof. Anushree Deshmukh
TE Mini-Project Coordinator

Dr. S.B.Wankhade
HOD

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PROJECT COORDINATORS REPORT (2022-23)

SEM-III & IV

1. Name of Project Coordinator: **Prof. Rahul Jiwane**
2. Academic Year: **2022-23**
3. Total Number of Mini Project Groups: **20**
4. Number of Reviews conducted: **2**
5. Date of Project Counseling session and Name of the Counseling faculty: 15/07/2022 From 11.00 am to 1.00 pm. by **Dr. Sunil B. Wankhade**
6. Project Calendar Display Dates:

<u>For Odd Semester</u>	
21 st Sept. 2022	First Mini Project Review Presentation (Sem III)
12 th Oct. 2022	Second Mini Project Review Presentation (Sem III)
14 th Oct. 2022	Submission of Final Report
14 th Oct. 2022	Submission of e-Report to Mini Project Coordinator.

<u>For Even Semester</u>	
15 th Feb. 2023	First Mini Project Review (Sem IV)
15 th Mar. 2023	Second Mini Project Review presentation (Sem IV)
5 th Apr. 2023	Submission of Final Report
6 th Apr. 2023	Submission of e-Report to Department Project Co-ordinator.

Prof. Rahul Jiwane
SE Mini-Project Coordinator

Dr. Sunil Wankhade
Head of Department

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DEPARTMENT OF INFORMATION TECHNOLOGY

Student Achievement

2022-23

Sr. No	Name of Student	Seminar/ Workshop conducted for students	Date
1	Mr. Aditya Gole Mr. Hersh Pathak	Blockchain Using Solidity	26/08/2022
2	Mr. Atharva Shinde Mr. Akshar Mehta	Hackathon	30/09/2022
3	Mr. Harkirath Panesar, Mr. Sameer Ms. Anushka Rawal.	Cyber Security	12/10/2022
4		Ethical Hacking	18/01/2023
5	Mr. Parth Shete	How to grab Internship	21/01/2023
6	Mr. Omkar Pednekar Mr. Sagar Dapurkar	Web Development Camp	30/01/23 & 31/01/23
7	Team ABIT RGIT	Code-a-Mania	11/02/2023
8	Team ABIT RGIT Students Council	Programmer's Date	23/03/2023
9	Team ABIT RGIT Students Council	Metaverse and Nft Minting	23/03/2023

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**Campus Placement Record
 2022-2023**

Sr. No.	Name	Company	Salary Package (Rs)	Designation/Job Profile
1	Soumik Paul	Dolat Capital	8 LPA	Software Developer
2	Rishabh Pandey	Interactive Brokers Pvt. Limited	10.4	Software Developer
3	Aishwarya Sunil Thorat	Vistaar Systems Pvt. Limited	4 LPA	Trainee
		LenDen Club	7 LPA	Graduate Engineer Trainee
4	Gauravkumar Jaiswal	Stavtar	5 LPA	Graduate Engineer Trainee
5	Shreya Nitin Jagtap	Cybage	4.5 LPA	Trainee Software Engineer
6	Harsh Suryaprakash Pandey	Cybage	4.5 LPA	Trainee Software Engineer
7	Roshan More	Cybage	4.5 LPA	Trainee Software Engineer
8	Kundan Vinod Dhore	Cybage	4.5 LPA	Trainee Software Engineer
9	Kushal Soni	Cybage	4.5 LPA	Trainee Software Engineer
10	Prajakta Pradeep Raut	Cybage	4.5 LPA	Trainee Software Engineer
11	Ritika Balkrishna Ghanekar	Cybage	4.5 LPA	Trainee Software Engineer
		Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
12	Dhiraj Kumar Rajesh	Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
13	Himanshi Laxman Singh	Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
		BNP Paribas India Solutions	6 LPA	Associate

14	Humera Sahil Girkar	Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
15	Piyush Unmesh Save	Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
16	Ritesh Ramakant Naik	Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
17	Sagar Vivek Dapurkar	Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
		Learning Routes	5.7 LPA	Sales Associate
18	Sandesh Santosh Kanagal	Tata Consultancy Services Limited	3.36 LPA	Trainee Software Engineer
		LenDen Club	7 LPA	Graduate Engineer Trainee
19	Nisha Ashokkumar Desai	Ganit	6 LPA	Data Analyst
20	Neeraj Gupta	C2L Biz Solutions Pvt. Limited	3.3 LPA	Trainee Software Developer
21	Gaurav Dinesh Kumar Jain	Reliance Retail Limited	4 LPA	Graduate Engineer Trainee
22	Nikita Bhalchandra More	Reliance Retail Limited	4 LPA	Graduate Engineer Trainee
		BNP Paribas India Solutions	6LPA	Associate
23	Asad Aslam Memon	LenDen Club	7 LPA	Graduate Engineer Trainee
		Seclore	12 LPA	Trainee Product Engineer
24	Shimirika Kirankumar Nikam	LenDen Club	7 LPA	Graduate Engineer Trainee
25	Shivshankar Sahu	LenDen Club	7 LPA	Graduate Engineer Trainee
26	Riddhi Shinde	LenDen Club	7 LPA	Graduate Engineer Trainee
27	Mohammad Arshan Shaikh	QSpider	4.2LPA to 4.8LPA	Software Test Engineer/Software Full Stack Developer
28	Vishesh Pancholi	QSpider		Software Test Engineer/Software Full Stack Developer
29	Gaurav Singh	Jaro Education	6.6LPA	Graduate Trainee/ Management Trainee
30	Sakshi Suresh Shinde	BNP Paribas India Solutions	6LPA	Associate
31	Vibha Shinde	BNP Paribas India Solutions	6LPA	Associate

32	Aniket Vilas Kakekar	BNP Paribas India Solutions	6LPA	Associate
33	Shrushti Rajendra Jadhav	BNP Paribas India Solutions	6LPA	Associate
34	Omkar Pednekar	DigiPlus IT	6LPA	Front End Developer
35	Jyoti Prakash Singh	Learning Routes	5.7 LPA	Sales Associate
36	Khushi Gaikwad	Cognitus Consulting	6-7LPA	SAP Analyst (Technical Role)
37	Sanjeev Yadav	Swabhav Tech Labs	3.5-4LPA	Trainee Software Developer
		Hindustan Unilever Ltd.	8.3 LPA	Trainee Territory Sales Officer
38	Om Sanjay Deorukhkar	Optimum Financial Solution Pvt. Ltd	3.36	Junior Developer

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DEPARTMENT OF INFORMATION TECHNOLOGY

Internship Record 2022-23

Sr. No.	Year of Internship	Class	Name of the Student (Surname First)	Name of Internship Organization
1	2022-2023	BE	Shaikh Shifa Javed	Advait Solution
2	2022-2023	BE	Gole Aaditya	Chikitsa
3	2022-2023	BE	Jagtap Shreya Nitin	Copy Cat Ltd, Westlands, Nairobi, Kenya
4	2022-2023	BE	Kamath Upendra Vijetha	S2 Infotech
5	2022-2023	BE	Watekar Sushrut	Jawaharlal Nehru Port Trust.
6	2022-2023	TE	Kshirsagar Aakash Raju	Skillvertex
7	2022-2023	TE	Nemade Yutika Dnyaneshw	Suvidha Foundation
8	2022-2023	TE	Patil Janvi Uday	Suvidha Foundation
9	2022-2023	TE	Sawant Ruchika Natha	Vidyavardhini's college of Engg.
10	2022-2023	TE	Sonone Akanksha Gajanan	LetsGrowMore
11	2022-2023	TE	Suryavanshi Vinayak Bhask	Suvidha Foundation
12	2022-2023	TE	Mishra Vaishnavi	The Spark Foundation
13	2022-2023	TE	Raut Harsh Yatin Asha	Business Web Solutions
14	2022-2023	SE	Wayal Siddhesh Pravin	I.Oasis Infobyte Teachnook Ed Tech Company
15	2022-2023	BE	Gurbale Saksham	Tata Institute of Fundamental Research

Dr. S.B.Wankhade

HOD

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List of Students Opted for Higher Studies
2022-23

Sr. No.	Name of Student	University	Course
1	Smit Shah	University of Massachusetts Boston	MS IT
2	Riddhi Mahesh Dange	Stevens Institute of Technology	MS CS
3	Tushar Yelgulwar	New Jersey Institute of Technology	MS DS
4	Aniket Khatavkar	Syracuse University	MS Cybersecurity
5	Yash Revadkar	Northeastern University	MS IS
6	Aneri Vasani	University of Massachusetts Boston	MS IT
7	Rudramani Singh	Colombia Engineering	MS BME
8	Parth Patel	Northeastern University	MS CS
9	Ishan Badole	NMIMS Bussiness School	MBA(Digital Transformation)

Data as on 23.06.2023

Total Number of Student 78

Higher Studies 09


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Students Publication Details (2022-2023)

Sr. No	Name of Author	Title of Paper	Publication Details	Link
1	Aditya Gole, Shoaib Khan, Sarthak More, Hersh Pathak	NFT MARKETPLACE	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1pcF3xnGSCBjmM9OaiSjpAl89w8BAQHDC
2	Sagar dapurkar, neeraj gupta, shrushti jadhav, Gaurav Jain	Heart disease prediction system using machine learning	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1JfcJbiOMBb8tRjrjSNDRj56fb9kH3s4s
3	Debjani Das, Ritika Ghanekar, Vijetha Kamath, Nikita More	Text Summarization using GPT-3	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2347-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1XrJ0bEuwWH8gKTSbPUHbsFrPgCKUVivw
4	Rutuja Chavarkar, Nandini Yadav, Sanjeev Yadav, Shubham Sah	Analytical Prediction Of Rainfall Using Machine Learning	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=19nn9buae3XADzTwot7963nlnVygnc3ye
5	Noaman Kaysingwala, Shivshankar Sahu, Piyush Save, Mohd. Arshan Shaikh	Eventor – Workshop & Events Registration & Management Application	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2347-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=10S9gZ801Yv7hoSKCfjKV4OY3zrkRde7k

6	Kushal Soni, Pratham Soni, Vishesh Pancholi, Sakshi Rathod	Emotion based recommendation system	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2347-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1mxTjp7QYylFb5mKNEJ5b6MFyIocDzpsV
7	Khushi Gaikwad, Neha Nanche, Priyanka Udmale, Pauravi Tawde	A secure trading platform for non- fungible tokens based on web 3.0	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2347-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1Ee3ob17U4JzaH3egpNEdIZf6aGZe-o-E
8	Shimirika Nikam, Aayushi Patil, Prajakta Raut	Twitter Sentiment Analysis using Naive Bayes Algorithm	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319- 8753, p-ISSN: 2320-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1JQeNMEMv-vl6Dfof4bQd7fnXsv9OoSHI
9	Vibha Shinde, Arshi Bhaldar, Siddhanth Das, Gaurav Singh	Ransomware detection system using machine learning algorithm	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319- 8753, p-ISSN: 2320-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=13Q9pVJ-z8CBDR9VW-eI3_jFPzwSAsRRAG
10	Tejas Kharat, Abhishek Pal, Harsh Palan, Dhiraj Kumar Shastri.	Cotton Price Prediction Using ARIMA Model	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319- 8753, p-ISSN: 2320- 6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1oK51RcsRYKAyshx_GSikfSNKarJOQZd5
11	Avdhut Tarwal, Roshan Thankar, Amey Meatry, Om deorukhkar	Sugarcane Disease Detection	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=1FJ5sf1dIoeAiVwLJHN-LvKbGHw2n4uCL
12	Aishwarya Thorat, Aditi Yadav, Jyoti Singh, Riddhi Shinde	Fake Currency Detection Using Machine Learning	International Journal of Innovative Science and Research Technology ISSN No:-2456-2165 Volume 8, Issue 4, April – 2023	https://drive.google.com/file/d/1AatSxUJHHUCjkXoJ-BwK9Zkn-yJka1Bg/view?usp=drive_link

13	Humera Girkar, Moiz Ahmed Khan, Sakshi Shinde, Himanshi Singh	Smart Video Surveillance System using YOLO Algorithm	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319- 8753, p-ISSN: 2320-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/file/d/1pE7rSrGem9OzHER_OKMa8tnXonJgvy5x/view?usp=drive_link
14	Harsh Pandey, Vishal Yadav, Nikunj Kumar Darji, Parth Sawant	Multiple Disease Prediction Using Machine Learning	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2347-6710 Volume 12, Issue 4, April 2023	https://drive.google.com/open?id=18_cRTGN5eETvrhrMT7BR8IUBz25w3dUZ

Total No of Students Publication: 14

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DEPARTMENT OF INFORMATION TECHNOLOGY

ALUMNI INTERACTION REPORT

2022-23

Date: 8th April 2023

Database Creation and Invitation

Hello Fellas,

Many of you all must be having doubts regarding how to protect your systems, networks, and program from Digital attacks.

Want to know how to tackle cyber attacks !

ABIT RGIT has the perfect opportunity.

We are here with an

“ALUMNI ITERACTION”

Mr. Kartik Awari on Cyber Security Tech Talk.

Mr. Kartik Awari is a Senior Information Security Engineer at TIAA Global Business Services.

He is a Web Application Firewall Engineer.

He was also a SOC Analyst and has performed activities like Detecting Anomalies in Traffic, Phishing Emails, User Behavior Analysis, IDS/IPS.

Don't miss out on the opportunity to interact and get some hands on and knowledge about Cyber Security.

LinkedIn ID of the Speaker:

https://www.linkedin.com/in/kartik-awari-581217120?lipi=urn%3Ali%3Apage%Ad_flagship3_profile_view_base_contact_details%3BzP0sSlIREGJIfayAbyV8w%3D%3D

Registration Form Link:

<https://forms.gle/SA3AkUR6EwPu6BAs7>

Date: 8th April 2023

Time: 10.00 am onwards.

Platform: Google Meet

Google Meet Link: <https://meet.google.com/mmd-viid-uhh>

Proceedings in the Online Meet

Welcome address for Alumni, Faculties, students address was done by Coordinator **Ms. Apoorva Nikam** (ABIT) and Introduction of Alumni to the students of TE and BE IT of 2019 Batch.

Dr. Sunil Wankhade HOD address : Updated on following points institute and department achievements.

1. Challenges of Online Teaching Learning Process
2. Achievements of Staff
3. Students Achievements: Results, Placements
4. New Policies implemented Copyrights, Plagiarism Check for Papers and Reports.

Prof. A.E.Patil Alumni Coordinator: Introduced following Mission and Vision of the alumni meets

1. Establish lifelong relationships with Alumni
2. Encourage participation in alumni relations program
3. Strengthen communication between alumni and the department
4. To encourage students to become entrepreneurs
5. To guide students for higher studies and scholarships, fellowship, teaching assistantship
6. Nurturing Mutually beneficial relationships
7. To guide students for internships and placement opportunities
8. To bridge industry institute gap by organizing Alumni Speak Series

ABIT Volunteer requested to Alumni to speak on agenda to provide the insights about it.

Kartik Awari asked students follow their passion and clarified various queries regarding career in Cyber Security Domain. He spoke on curriculum gaps in the Mumbai University Syllabus. He stressed on importance of Mini Projects, Internships, and how they benefitted from it.

They shared their Learning curve of experience during college days soft skills, ideathons, and statups.

He shared his Tech Talk with following points.

Cyber Security has become an increasingly important concern for individuals, and organizations alike. To combat the growing threat of cyber attacks, new technologies, and tools are being developed to aid in detecting and prevention. One such tool is ChatGPT, a large language model trained by Open AI. While ChatGPT has the potential to be a valuable asset in Cyber Security, it also has its drawbacks and limitations.

In this response, we will explore both the advantages and disadvantages using ChatGPT in Cyber Security, By considering both the benefits and potential drawbacks of this technology, we can better understand how to effectively incorporate it into our Cyber Security strategies.

There were 45 odd individuals in the meet. All the students were given opportunity to ask their queries and each of it was collaboratively answered. All faculties were keen to get their inputs and suggestions in order to guide students.

Vote of thanks to all active participants in the interaction was given by **Ms. Ankita Rajhans**.

Feedback Google form link for alumni was circulated online and meet was concluded

The students gained experience from passed out students of our institute and learned how we should focus on developing our skills. Thus, this was a very important session.

Prof. Abhay Patil
Alumni Coordinator

Dr. S.B Wankhade
HoD


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Bridging Curricular Gaps

The following were the gaps identified with the existing course syllabi.

Sr. No	Gap Identified
1	Communication Skills
2	Industry Readiness
3	Career Guidance
4	Multidisciplinary projects
5	Ethics Values

Action taken to bridge identified gaps:

Sr. No.	Delivery Details	Description
1	Encourage to attend the certified courses Technowings	Department encourage the student to do certified courses like Microsoft certification, cloud security, Machine Learning etc. in association with Technowings.
2	Microsoft Empowered Courses with ATS Learning	Microsoft Empowered Classrooms (MECR) by Microsoft offered course for 3 rd year in association with ATS Learning.
3	Technical Training	In house faculty takes additional classes to improve the core subject knowledge by training the student to solve complex problems.
4	Value Added Courses	The objective of this courses is to train students and overall development.

5	Technical Seminars and MiniProjects	<ul style="list-style-type: none"> • Students of B.E. II year give technical seminars on latest technologies which is not included in the curriculum to improve the communication and presentation skills and also get awareness of latest technologies. • Students of B.E. I, II and III year work on Mini Projects This helps them in improving their programming and team work skills. • Students of B.E. III year also work on projects related to Windows apps, PHP and IoT Projects. This helps them to develop and implement their innovative ideas and be eligible for internships in reputed organizations
6	Hackathon	Application development contests are organized and participated by the students to raise the competition spirit for an improvised learning.
7	Workshops/Expert Sessions	To meet the market demands, the department organizes workshops and encourages students to participate outside the college in the niche areas of interests of the industry. Sessions are regularly organized by inviting experts from industry, academia and alumni community.
8	Coding Platforms	Motivating students to participate in challenging coding platforms like Code Vita, Department regularly organizes coding contests to encourage students to excel in programming skills.

NEW FACILITY CREATED
(2022-23)

Honour/Minor Degree Program Offered

Artificial Intelligence and Machine Learning.

Based on AICTE guidelines, the Faculty of Science and Technology, University of Mumbai, has proposed to offer various Honours/ Minor degree program corresponding to each engineering program.

In accordance with the University Guidelines, Department of Information Technology has introduced Honours and Minor degree program from the year 2022-2023 in order to facilitate the students to choose additionally the specialized courses in the emerging areas of their choice and build their competence in such domains. Information Technology students have opted this course as a Honour Degree Program and Instrumentation Engineering, Mechanical Engineering students opted this course as a Minor Degree Program.

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DEPARTMENT OF INFORMATION TECHNOLOGY

ABIT EVENTS

ACADEMIC YEAR 2022 – 2023

Sr. No.	Name of the Event	Date
1	Formation of Senior Core ABIT Team	01 st Aug. 2022
2	Orientation for Second Year Students	12 th Aug. 2022
3	Blockchain Using Solidity	26 th Aug. 2022
4	Hackathon Information Session	30 th Sep. 2022
5	Seminar on Foreign Studies	03 rd Oct. 2022
6	Session on Cybersecurity	12 th Oct. 2022
7	Ethical Hacking	18 th Jan. 2023
8	Seminar on “How to grab Internship”	21 st Jan. 2023
9	Web Development Camp	30 th & 31 st Jan. 2023
10	Code-a-Mania	11 th Feb. 2023
11	Programmer’s Date	23 rd Mar. 2023
12	Metaverse and Nft Minting	23 rd Mar. 2023

Prof. Ankush Hutke
Convenor, ABIT

Dr. Sunil Wankhade
H.O.D.

Prepared by
Prof. Rahul Jiwane

Verified by
Dr. Sunil Wankhade