

1. Message of Head of the Department

Welcome to the Department of Information Technology. Department is established in 2001. It's my great pleasure to present the Annual Report of the Department of Information Technology for the year 2021-22.

The Department seeks to combine excellence in education with service to the industry. Our goal is to provide students intellectual and practical experiences that enable them to serve a variety of societal needs. The MoU with Electronic Payment Services, Mumbai continued this year also which created knowledge and awareness amongst the students regarding payment systems. Faculty has undergone training on recent technologies by participating in different FDPs to boost their knowledge. Good number of students are placed in reputed companies this year. In the department, students are motivated to become Team leaders, Entrepreneurs in their own dynamic way. I am confident; many students from the Department will excel nationally and internationally in the field of Information Technology and make us proud. The Department believes in building careers, enriching minds and providing an experience that lasts a lifetime.

It is sure that the students of the Department would justify the credibility of the department by showing a high level of professional competence in their respective field.

Dr. Sanjay R. Sutar

(Head, IT Department)

2. Vision and Mission Statements of the Department

Vision

Impart highest quality, technology-based education, in the most cost-effective manner, to facilitate the University mission as it applies to the management, teaching, learning, and community service.

Mission

Provide effective technology support for audio/visual, computer, multimedia, voice, video, and web-based applications to fulfil the needs of students and staff. Promote and facilitate the effective integration of technology into the basic mission of the University through planning, programming, training, consulting, and other support activities. Develop, enhance, and manage the University enterprise networks to provide high speed, transparent and highly functional connectivity among all information resources. Develop and maintain highly effective, reliable, secure, and innovative information systems to support instructional, administrative and research activities. Facilitate the collection, storage, security and integrity of electronic

data while ensuring appropriate access, innovative applications.

3. About the Department

The department of Information Technology was established in the year 2001 with B. Tech. program having an intake of 60 students under the umbrella of department of Computer Engineering. The B. Tech. programme in Information Technology was shifted to the newly created department in 2004. The first research scholar for Ph.D. programme enrolled in the department in 2015. Department has seven regular faculty, three laboratory supporting staff- Laboratory Assistant Technical, Laboratory Assistant and Laboratory Attendant. Four faculty members have completed their PhD and one faculty member is pursuing their PhDs and remaining faculty members have completed their M. Tech. The Department has set a tradition of achievements in sports, cultural activities, extracurricular activities, competitive examinations like GATE, MBA-CET etc. and campus placements.

4. Programme Educational Objectives (PEOs) & Programme Outcomes (POs)

Programme Educational Objectives (PEOs)

The programme educational objectives for the B. Tech. programme in Information Technology describes accomplishments that graduates are expected to attain within the four years of graduation. Graduates will be able to apply their expertise to contemporary problem solving, be engaged professionally, and have continued to learn and adapt, and have contributed to their organizations through leadership and teamwork. More specifically, the objectives are:

Objective Identifier	Objectives
PEO1	To enable graduates gain strong skills for employment in multidisciplinary domains driven by IT.
PEO2	To enable graduates to pursue higher education and research.
PEO3	To enable graduates to develop entrepreneurship and leadership skills.
PEO4	To enable graduates to contribute to the society in accordance with highest standards of ethics.
PEO5	To develop breakthrough solutions enabling transformations in a rapidly changing IT world.

Programme Outcomes (POs)

The graduates of this programme will be able to demonstrate:

Outcome Identifier	Outcomes
PO1	An Understanding of IT architecture, software and hardware concepts, functionalities and applications.
PO2	An Ability to design, develop and test computer programs involving various algorithms, methodology and programming languages.
PO3	Competency of business domains and functional processes that employ IT systems and applications.
PO4	Practical use of communication protocols and their applications in the field of internet and world wide web.
PO5	Sound understanding of fundamentals of computer as the central enabling platform for information management in 21st century.

PO6	An Ability to develop, integrate, maintain and innovate software applications deployed in various multi-disciplinary domains.
PO7	Thought leadership to design and implement practical solutions for global industry needs.
PO8	An acumen to embrace and adopt futuristic IT technological developments.
PO9	Sound knowledge of entrepreneurship traits to succeed.
PO10	Adoption of practices that are ethical ensuring transparency and accountability.
PO11	Capability to provide solutions that are socially empowering and environment friendly.
PO12	Effective communication and collaboration techniques with stakeholders to achieve best results

5. Overview of Academic Programme:

Academic Programme	Duration	Intake
B. Tech. in Information Technology	Four Years	54

6. UG students Statistical Information

Year	Open			SC			St			OBC			VJNT			SBC			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
First Year	20	5	25	3	2	5	2	0	2	16	5	21	5	3	8	0	0	0	46	15	61
Second Year	19	7	26	6	2	8	1	0	1	16	6	22	7	0	7	0	0	0	49	15	64
Third Year	19	10	29	6	4	10	0	1	1	18	11	29	2	3	5	0	0	0	45	29	74
Final Year	14	13	27	9	4	13	1	0	1	13	12	25	6	6	12	2	0	2	45	35	80

7. Additional Responsibilities to the Faculty

1. Dr. Jadhav Shivajirao Manikrao

1. Member - Departmental Research Committee
2. Research Progress Assessment Committee
3. Department IQAC Committee
4. Final Year B.Tech. Project Guide
5. Board of Studies Member
6. Chairman, University Alumni Committee
7. Departmental Procurement Committee Member
8. Chairman, NBA working committee
9. Chairman, industry collaboration committee
10. Member, Departmental Advisory Committee
11. Chairman. MoU committee
12. Chairman, Add-on courses
13. University Board of Administration Member
14. University Infrastructure development committee member
15. Screening and Verification Committee for CAS promotion Member
16. Coordinator: center for cyber security
17. Coordinator: RGSTC University Scheme
18. Member secretary: RGSTC Projects Peer and PAC committee
19. Adhoc Board of ICT member
20. Expert committee for Technical book writing/ Technical book translation: Member
21. Member: guideline preparation committee for online course

22. NAAC Steering Committee member
23. Committee for CCTNS Project Member
24. Chairman, Technical Committee
25. Space reallocation committee member
26. Coordinator, Computer Center Maintenance committee
27. Coordinator, Website update committee
28. Member, Write off committee
29. RUSA monitoring Committee member
30. RUSA ICT infrastructure committee chairman
31. Coordinator, GeM purchase Scrutiny committee
32. University MoU Committee Chairman
33. Guideline preparation committee for professor and associate professor promotions under CAS:
Member
34. University Website Administrator
35. Computer Center In-charge

2. Prof. Sutar Sanjay Raghunath

1. Coordinator, Timetable and academic calendar
2. Coordinator, Cultural activities
3. Chairman, Board of Studies, Department of Information Technology
4. Member, Academic Council
5. Member Secretary, AKAM
6. Head of Department, IT

3. Prof. Kadam Vinod Jagannath

1. Coordinator, DTE Admission Reporting Centre 3033
2. Coordinator, DTE Facilitation Centre 3033
3. University (Institute level) admission coordinator (First year B. Tech. / Direct Second B. Tech. / First Year M. Tech.)
4. Member, Security guards recruitment committee for University
5. University GeM portal Coordinator
6. Departmental Purchase Incharge
7. Member, University T&P cell
8. Associate Dean, WiFi networking
9. Member Secretary, Technical Committee
10. Member, DPC for ICT
11. Member, Library advisory Committee
12. Member, Annual Progress Seminar Evaluation Committee (Computer Engineering)
13. Member, Student Counselling Cell
14. Member, University IQAC
15. Member, RUSA Remote Sensing Laboratory Establishment Committee
16. Member Secretary, Departmental Research Committee
17. Member, Annual Progress Seminar Evaluation Committee (IT Dept)
18. Chairman, IT dept Website
19. Member, University website committee
20. Member, University Guest House Committee
21. Associate Controller of Examination

4. Prof. Babhulgaonkar Arun Ramrao

1. Chairman, USRC
2. Chairman, UBA, UMA
3. Associate Dean, Examinations
4. FIT Coordinator
5. Member, Avishkar
6. Member, Incubation and start up
7. Departmental ISO coordinator
8. Chairman and member of various departmental committees
9. Departmental examinations coordinator

5. Prof. Bharad Sonali Vasudeorao

1. Departmental Meeting Secretary
2. Departmental timetable coordinator
3. Faculty coordinator, EPS
4. Chairman and member of various departmental committees
5. Member, Technical Committee
6. Member, RUSA committee
7. Coordinator, student feedback, elective courses

6. Prof. Barphe Sapana Shivaji

1. Member, Women and child welfare committee
2. Member, Women Grievance cell at University Level
3. Member, Cultural committee at University Level
4. In-charge, Ladies Common Room
5. Departmental Industrial Training Coordinator

6. Departmental Second Year Class Coordinator
7. Chairman and member of various departmental committees

7. Prof. Hivre Sadhana Ranojirao

1. In-charge Academic Section
2. Associate Dean, Technology Exchange Programme
3. Rector, Hostel Malaygiri
4. BC Cell, Member
5. Woman Entrepreneurship and Empowerment Cell, Member
6. Annual Report Committee, Member
7. Identity Card Committee, Member
8. University Security Committee, Member
9. University Sports Committee, Member
10. Training programme for Sarpanch, Committee, Member
11. Chairman and member of various departmental committees
12. 'Pradnya Parisar Project' RUSA Training Programme Organizing committee, Member
13. Member, RUSA committee
14. Member, Furniture procurement Technical Committee

8. Prof. More Sitaram

1. Class Co-Coordinator
2. Seminar Co-Guide
3. Project Co-Guide

9. Prof. Ekta Mesharam

1. Class Co-Coordinator
2. Seminar Co-Guide
3. Project Co-Guide

10. Prof. Roshan Kotkondwae

1. Class Co-Coordinator
2. Seminar Co-Guide
3. Project Co-Guide

8. Advisory Board and BoS

8.1 Advisory Board

Sr. No.	Name
1	Dr. G. Sivakumar, IITB
2	Dr. B. B. Meshram, VJTI, Mumbai
3	Mr. Sham Dhage, IBM, Pune
4	Dr. L. N. Singh, DBATU, Lonere

8.2 Board of Studies

Sr. No.	Name	Designation
1	Dr. S. M. Jadhav, Head, Department of Information Technology Dr. Babasaheb Ambedkar Technological University, Lonere- Raigad	Member

2	Dr. S. R. Sutar, Department of Information Technology Dr. Babasaheb Ambedkar Technological University, Lonere- Raigad	Chairman
3	Dr. Sharvari Tahmane, Jawaharlal Neharu Engineering College, Augangabad	Member
4	Dr. V. P. Sonawane, Dr. Kalam Skill development center Jalgaon.	Member
5	Prof. D. V. Biradar, M. S. Bidve College of Engineering, Latur	Member

9. Laboratory Expenditure

Sr. No.	Name	Qty.	Total Cost
1	Electrical Materials	Whole Dept	36,835/-

10. Conference, Workshop, and training activities conducted in the department

	Name of Workshop/Webinar	Duration	No. of Participants
2021-22	A Webinar on Career Opportunities in Cyber Security	15/5/2021	250
	A Webinar on Cryptography: Key Ingredients of Digital World	29/5/2021	200
	A Webinar on Deep and Dark web!	27/11/2021	100
	A Webinar on Network Security Fundamentals	16/10/2021	70

	A Webinar on What's your Privacy status?	26/11/2021	100
	A Webinar on Passwords-Have you been hacked?	12/6/2021	100

11. Departmental Strength, Weakness, Opportunity and challenges

Major Strengths:

- Young and experienced faculty members
- Dedicated staff and faculty
- Campus wide networking
- Latest Teaching/Learning aids like smart class room
- Adequate infrastructure

Weaknesses:

- Lack of Ph. D. qualified faculty
- Shortage of faculty
- Higher faculty positions are vacant

Opportunities:

- Starting PG courses
- Starting finishing schools
- Establishment of Departmental library
- Training for New Technology awareness
- Consultancy like Cyber Crime detection
- Enrollment of faculty for Higher studies

