2021-22
Department of Information Technology

Annual Report – CRITERIA WISE

PART-I

CRITERIA –I- CURRICULAR ASPECTS

1) Certificate/ Diploma Courses introduced during the Academic year **NIL**

Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development

2) Students enrolled in Certificate/ Diploma Courses (ONGOING) **NIL**

	Certificate course	Diploma Courses
No of Students		

3) Value-added courses imparting transferable and life skills offered during the year. **NIL**

Value added courses	Date of introduction	Number of students enrolled

4) Field Projects / Internships under taken during the year **NIL**

Project/Programme Title	No. of students enrolled for Field Projects / Internships

5) Feedback taken from students on events/courses/activities etc. Conducted (Give the analysis) How has the feedback been used to improve events/courses/activities etc. **NIL**

CRITERIA- II – TEACHING- LEARNING & EVALUATION

1. Demand Ratio during the year

Name of the Programme	Number of seats available			Number of applications received			Students Enrolled		
B.Sc.	FYBSc	SYBSc	TYBSc	FYBSc	SYBSc	TYBSc	FYBSc	SYBSc	TYBSc
	40	40	40	110	34	38	37	34	38

2. Students enrolled from other States/ Other Colleges

Sr. No.	Name of the Student	Other State/ Other College	Class-(FY/SY/TY)
1	Hitesh Vishwakarma	CBSE Board, Delhi	FYIT

3. Students from Reserved category(SC/ST/OBC,OTHERS) / DIFFERENTLY ABLED

S.No.	Name of the Student	Reserved Category	Disability
1	CHAVAN PRATIK SUHAS	OBC	-
2	JAGTAP OM ROHIT	BUDDHIST	-
3	SAGAR GANESH LAXMAN	GAWANDI	-
4	WANKHEDE VEDIKA SURESH	BUDDHIST	-
5	NAGAVKAR SHRUTI RAJESH	OBC	-
6	BENERE SANIKA VASANT	OBC	-
7	GUPTA RAJ SABARJEET	OBC	-

8	KAMBLI ATHRVA PRASHANT	OBC	-
9	MANDAVE PRASAD RAJESH	OBC	-
10	NADAR NITISH JEBASTIN PETER	OBC	-
11	HITESH VISHWAKARMA	OBC	-
12	GARUD SHEKHAR DNYANESHWAR	SEBC	-
13	DOIPHODE KARAN JITENDRA	SC	-

4. Syllabus revision if any .Course outcomes (If syllabus has changed). Attach as annexure

Progamme Learning Outcomes

At the end of three year Bachelor of Information Technology the students will be able:
• To formulate, to model, to design solutions, procedure and to use software tools to solve real world problems.
• To design and develop computer programs/computer -based systems in the areas such as networking, web design, security, Artificial Intelligence, IoT, Android and other emerging technologies.
• To familiarize with the modern-day trends in industry and research based settings and thereby innovate novel solutions to existing problems.
• To apply concepts, principles, and theories relating to computer science to new situations.
• To use current techniques, skills, and tools necessary for computing practice
• To apply standard Software Engineering practices and strategies in real-time software project development
• To pursue higher studies of specialization and to take up technical employment.
• To work independently or collaboratively as an effective tame member on a substantial software project.
• To communicate and present their work effectively and coherently.
• To display ethical code of conduct in usage of Internet and Cyber systems.
• To engage in independent and life-long learning in the background of rapid changing IT industry.

5. ICT TOOLS USED BY TEACHERS

Name of the Teachers	ICT tools and e resources used	Technique of using the ICT tools and e resources
Hiral Joshi	Computers, printers, laptops, projectors, tablets / smart phones	1. Using laptops, projectors for online teaching learning 2. Tablets and smart classroom for executing ―Android Developer code 2. Using computers and printers during practical sessions 3. Watching online tutorials of Unity projects.

6. Mentoring system in the department- write in 5-10 Points

Online teaching – learning, remedial coaching (especially for slow learners), periodical tests, solving previous year question papers, project guidance, giving knowledge on current trending technologies, career guidance.

7. Details of mentoring

Faculty	No. Of students	details of mentoring
Hiral Joshi	38	Teaching, remedial coaching, test and evaluation after each unit, career guidance
Hiral Joshi	34	Teaching, solving problems and tests

8. Honours and recognitions received by teachers
(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year) **NIL**

Name of the teacher	Designation	Name of the award, fellowship, received from Government or recognized bodies

9. Mention the continuous evaluation system and give details in the Part- II .

(Like Class tests, Seminars, Projects, PPT Presentations , Excursions reports , Hands on training

during workshops, Personality development programmes or Lectures .)
Conducted Weekly revision program, Month end workshop, and Term end seminar
Conducted revision tests at the end of Weekly revision program and Month end workshop
PPT presentations done by students at the WRP, MEW, TES
Training given to students on Soft skills and Technical skills for job placements and Interviews
Mock test and mock interviews were conducted
Guided and evaluated projects that can be applied to solve real time problems

10. Pass percentage of students Year—

Progra mme Code	Progra m me name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
2019-20	BSC IT	34	34	100%
2020-21	BSC IT	38	38	100%
2021-22	BSC IT	38	38	100%

CRITERION –III - RESEARCH, INNOVATIONS AND EXTENSION

1. Research funds sanctioned and received from various agencies, industry and other organisations NIL

Nature of the Project	Duration	Name of the funding Agency	Total grant Sanctioned	Amount received during the Academic year

2. Details of workshop/conference/seminar conducted by the department

Title of Workshop/Seminar/Conference	Date(s)
Training program conducted on Soft skills and Technical skills on Job placements and Interviews by Quality software technologies	30 March 2022

3. Awards for Innovation won by Teachers/Students during the year NIL

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
NIL				

4. Teachers who have received recognition/awards/Incentives NIL

5. STARTUP created by students/ STARUP Work in progress/ Idea by staff or students NIL

6. Details of publications NIL

Sr. No	International/	Name of the Author/Authors	Topic/title	Name of the Publication & Impact Facto
	National/State			

7. Details of Books and Chapters in edited Volumes / Books published, and papers in National/International Conference/Seminar/ Symposia- Proceedings per Teacher during the year NIL

Name of the teacher	Title of the book/conference proceeding with dates(National/International)	Title of chapter/research paper

8. Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index Staff can mention the above details if available **NIL**

9. Number of Collaborative activities for research, faculty exchange, student exchange during the year NIL

Nature of Activity	Participant	Source of financial support	Duration
NIL			

10. Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Job placement and Interview training	Quality Software Technologies	March 2022 onwards	All CS and IT students

11. MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/ teachers participated
Quality Software Technologies	25-03-2022	Placement training to CS and IT students	All CS and IT students

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

1. Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Blogger	https://techjet6.blogspot.com/
YouTube	https://www.youtube.com/channel/UC KSRcZ4DBgHdhLZYkojHutg?view _a s=subscriber

2. E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
Hiral Joshi	Internet Of Things	Blogger	13 May 2020

3. Technology up gradation in the Department

5 hard disk, 5 power supply, 8 keyboard and 8 mouse for Computer Lab - I

CRITERION V – STUDENT SUPPORT AND PROGRESSION

1. Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	**NIL**	**NIL**	**NIL**
Financial support from other sources :			
a) National	**NIL**	**NIL**	**NIL**
b) International	**NIL**	**NIL**	**NIL**

2. Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc., NIL

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Job placement and Interview training	30-03-2022	56	Quality Software Technologies

3. Students benefited by guidance for competitive examinations and career counseling offered during the year

Number of benefited students by Guidance for Competitive Examination	Number of benefited students by Career Counselling Activities	Number of students who have passed in the competitive exam	Number of students placed
56	56	56	

4. Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Grievances received	How the grievance was redressed	Average number of days for grievance redressal
NIL	**NIL**	**NIL**

5. Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Program graduated from	Dept graduated from	Name of institution joined	Name of Programme admitted to

2020-21 batch	2	BSC-Information Technology	BSC-Information Technology	Mulund College of commerce	M.Sc. Information Technology
				Mumbai University	Msc Informati on Technolo gy
					M.C.A.

6.Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET/SET/SLET/GATE/GMAT/CAT /GRE/TOEFL/CIVIL SERVICES/STATE GOVT. SERVICES/ ANY OTHER	**NIL**	**NIL**

7.Student Participation and Activities NIL

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultur al	Student ID number	Name of the student

8. Alumni involvement in department activities

Date	Nature of activity	Name of alumni

NIL	NIL	NIL

9. Alumni contribution during the year (in Rupees) / Meetings NIL

1. Quality enhancement in teaching and learning

Class /Subject	New methods used	Details of the methods
Security in computing (TYIT)

Security in Computing,mobile computing,.ITSM,GIS (TYIT) | Online tutorial videos | The students watched online tutorial videos and then practiced hands on practicals. |
| | Zoom application | Remedial coaching and doubt solving through zoom app. |
| | Google classroom | Previous years question paper solving and posting solutions on Google classroom |
| (.Java, CN, COST ES) SYIT

(c prog., Maths, Stats, DS, Web programming, Python) FYIT | Google classroom | Notes, Question bank, Assignments posted on google classroom |
| | Zoom application | Online lectures through zoom classroom |

2. No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Name of teachers who attended	Date and Duration (from – to)
Webinar on Artificial Intelligence	Hiral Joshi	1st May 2020
Workshop on Arduino	Hiral Joshi	4^{t} to 7thMay 2020
FDP on Online tools	Hiral joshi	3rd May 2020
Webinar on Effective ways to develop e contents	Hiral Joshi	9th May 2020
Online IT Quiz	Hiral Joshi	10th May 2020

FDP on Cyber Security	Hiral Joshi	23rd to 27th May 2020

3. Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
1.Sunil Suthar	**11,580**	**scholarship**
2.Suraj Mourya	**23,995**	**scholarship**

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

1. Gender Equity (Number of gender equity promotion programmes organized during the year)

Title of the programme	Period **(from-to)**	Participants	
Nil	NIL	Female	Male

2. Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of	Number of		Name of the initiative	Issues addressed	Number of
	initiatives to address locational advantages and disadvantage s	initiatives taken to engage with and contribute to local community				participating students and staff

| 2021-22 | NIL | 2 | | 1) 1) Created an App called as criticare | criticare is an android application to help citizens reach out to Doctors in case of emergency and also to do health check up of their health vitals. single click they can press the emergency button which will automatically dial the Doctor contact number. If there is no contact number then a loud buzzer sound goes off alerting nearby people who can then help them. | TYIT Alok Dalvi Saharash Iyer |
| | | | | 2) "PETCARE " | This app helps to take care of pets give them treatment ,and take care of animals who are in verge of Extinction | TYIT Shubham Murti From |

3. Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-------to-------)	Number of participants
Documentary Screening of "The Social Dilemma" on 2nd March 2022 This documentary examines how social media's design nurtures an	2nd March 2022 1:00 to 3:00 PM	75

addiction, manipulates people's views, emotions, and behavior, and spreads conspiracy theories and disinformation, to maximize profit. This film also examines the issue of social media's effect on mental health		

4. Environmental Consciousness/ Ecofriendly activities and Sustainability/Alternate Energy initiatives taken by the Department

Steps taken to promote Environment conservation(Mention as points/ Table)

Activity

Duratio		f participants
NIL	NIL	NIL

5. Steps taken for e-waste management/ waste management. NIL

PART- II

OTHER ACTIVITIES CONDUCTED/ INFORMATION OF TEACHERS/

STUDENTS 1.WORKSHOPS CONDUCTED (Give details)

Date/ Duration	Topic	Resource Person	Beneficiaries/ Classwise or Total	Outcome
30-03-2022	Training program conducted on Soft skills and Technical skills on Job placements and Interviews by Quality software technologies	Gaurav Deshmukh from Quality Software Technologies	56 students	Students were given a training lecture on different skillsets to present during job interviews. Students had a mock aptitude

				test and mock interview on Software testing and quality assurance

2.TRAINING PROGRAMMES CONDUCTED – In the College(Give details) (Skill Development for employability)

Date/ Duration	Topic	Resource Person	Beneficiaries/ Classwise or Total	Outcome
NIL	NIL	NIL	NIL	NIL

3.TRAINING PROGRAMMES CONDUCTED – Outside the College/ students sent (Give details)

Date/ Duration	Topic	Organization Conducted	Beneficiaries/ Classwise or Total	Outcome
NIL	NIL	NIL	NIL	NIL

4.STUDY TOURS (Give details)

Date/ Duration	Place /Institution of Visit	Staff Accompanied	Beneficiaries/ Classwise or Total	Outcome
NIL	NIL	NIL	NIL	NIL

5.GUEST LECTURES (Give details)

Date/ Duration	Topic	Resource Person	Beneficiaries/ Classwise or Total	Outcome
NIL	NIL	NIL	NIL	NIL

6.NEW PRACTICALS/ ADDITIONAL PRACTICALS/ ASSIGNMENTS GIVEN

(Give details)

Sr.No.	Class	Title	Staff Conducted
NIL	NIL	NIL	NIL

7.Outreach Activities (Give details)

Date	Participating Departments	Organanization / Community involvement	Beneficiaries
NIL	NIL	NIL	NIL

8. Projects (DBT) / ANY OTHER (Give details)

Class/ Group	Project Title	Mentor Staff	Outcome
NIL	NIL	NIL	NIL

9.Students Mentored for participation in Events outside the college (Avishkar,

etc) (Give details) NIL

S.no	Name of the Event	College/ Organization	Names of students	Mentor teacher	Class

* Prizes won

S.No	Name of the Student	Class	Topic of Seminar/ PPT	Grade (Optional)

10.Seminars/ PPT / competitions organised for the Students with

beneficiaries (Give details) NIL

S.No	Name of the Student	Class	Topic of Seminar/ PPT	Grade (Optional)

11. Details of Bridge Course conducted : NIL

12. Movies/ Documentaries screened for the Students with beneficiaries. (Give details) : NIL

13. Books Purchased /Equipments Purchased. (Give details) : NIL

14. Scitrek Events/ TALENTEUX Events/ OTHER FESTS conducted with Prize winners/ Students participated. (Give details) NIL

S.No	Name of the Student	Class	Topic of Model/project	Grade (Optional)
1	Saharsh Iyer	TYIT	Website DevelopmentCriticare (Health Care Services)	

2	Alok Dalvi	TYIT	Website DevelopmentCriticare (Health Care Services)	
3	Richard Menezes	TYIT	Website Development Tourism	
4	Kevin Chackalakkal	TYIT	Website Development Tourism	
5	Shubham Murti	TYIT	Website Development Pet Care	
6.	Shaikh Khalid	TYIT	Website Development Pet Care	
7	Nupur Bhosale	TYIT	DEBATE On Virtual Teaching	
8.	Ritika Dobhal	SYIT	3D model of NES Ratnam college	
9	Sanika Benere	SYIT	2D Animation (Miles To Fly)	
10	Sanjana Surve	SYIT	2D Animation (Miles To Fly)	

15. Teaching Aids made/ Purchased (Permanent Charts/ models/ some collection for the Department, Softwares for the department, etc) (Give details) : NIL

16. Commitees of Teachers in the Department with their major contributions/ Activities organised by the staff. (Give details) : NIL

17. Special mention/ contribution of the Staff/ Students. (Give details) :

NIL **18. Future Plans of action for next academic year.**

Acquiring 100% results in FY, SY and TY.
Conducting extra-curricular activities.
Introducing certificate course.

19. Any other information. NIL