

## CE Department Deployment for AY 2024-25

### Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025

Goal 1		To enrich curriculum							
S. No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
1.	Department Advisory board	One meeting conducted on 01 September 2018	One meeting conducted on 19 October 2019	One meeting conducted on 30 January 2021	One meeting conducted on 12 February 2022 <a href="#">DAB MOM</a>	One meeting Conducted in March 2023	One meeting Conducted in February 2024	One Meeting will be conducted on 30/6/2025	To be conducted at least once a year. MoM are attached for the reference.
1. 2	Development of Courses	Done	Done	Done	Done	Done	Done	Done	To be done for every batch at the beginning of the academic year.

	e Object ives and Cours e outco mes to foster Outco me Based Learni ng								
1. 3	Acade mic-A ctivity Calen dar	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared in the beginning of every semester.
1. 4	To enhan	Conducted	Conducted	Conducted	<a href="#">SDPs 2021-22</a>	6 <a href="#">AY 2022-23</a>	<a href="#">AY2023-24</a>	AY 2024-25 2 <a href="#">AY2024-25</a>	Value added courses are conducted on recent technologies

	ce curric ulum deliver y beyon d syllab us activiti es								which require in industry.
	Indust rial Visits	2	2	0	0	1	1	3	Visits are organized on regular basis to IT and other related companies
	Guest lecture s	8	3	7	7	9	12	20	Guest lectures are targeted to bridge the curriculum gap identified
	Interns hips	72	56	120	35	43	162	209	Internship opportunities are floated during the

									semester for which interested students apply for their knowledge enhancement
	Problem-Based Learning	Implemented	Implemented	Implemented	Implemented <a href="#">Problem based learning</a>	Implemented <a href="#">Problem based learning</a>	Implemented <a href="#">Problem based learning</a>	Implemented <a href="#">Active Learning Strategy track updated.xlsx</a>	Case studies discussion and designing problems to enhance learning experience
	Certificate programs	2	10	0	3	6			Programs based on the skills development relevant to the needs of Industry
	Student Seminars	6	6	46	46	17 grp of TE C 17 grp of TE D 18 grp of SE C 18 grp of SE D	18 grp of SE C 17 grp of SE D 17 grp of TE C 17 grp of TE D	Total of 136 students from C and D div of SE and 136 TE students participated with 18 grp of SE C 17 grp of SE D 17 grp of TE C	Seminars are conducted on the topic beyond syllabus but closely related to the contents

								17 grp of TE D With seminars on different subjects	
1. 5	<b>To offer indust ry-ori ented certifi cation course s/proj ects</b>	Offered	Offered	Offered	Offered	offered	Offered	Offered	
	MOO Cs	287	668	48	26	6	2		<b>Institute Level :</b> Courses offered by institute as NPTEL Study centre, Coursera university partner and IIRS Network Institute

	Value Added Courses	2	10	5	6	5	8	5	In summer and winter vacations, value added courses are conducted at department level which aims to enhance the programming/coding skills and updates in the technology
	Industry Projects	1	1	0	1	1	8	7	Students major projects are based on the problem provided by the industry.
	Expert talks	5	1	3	7	9	12	20	Expert talks are arranged to bring awareness students about cutting edge technologies in the industry various relevant standards used

1.6	Innovative teaching methods	Implemented : Mind Map, Collaborative teaching method	Implemented : Mind Map ,Collaborative teaching, Reflective learning ,Role Play	Implemented Collaborative learning, Quiz, Poll	<u>Implemented:</u> Seminars, project based learning, Flipped classroom, Think-Pair-Share	<u>Implemented</u> Android based applications, crossword, TPS, poster presentation, Flipped classroom, Seminars beyond syllabus, case studies, real life problems	<u>Implemented</u> Industrial visit, TPS, crossword puzzle, Polling, Flipped classroom, Quiz, Case study.	Industrial visit, TPS, crossword, Quiz, flipped classroom, case study, Seminars. <a href="#">Active Learning Strategy track updated.xlsx</a>	Shall be implemented every academic years based on the course / batch requirements.																														
1.7	Result Improvement	Compared to 2018-19: <table border="1"><tr><td></td><td>18-19</td><td>19-20</td></tr><tr><td>SE</td><td>75.23 %</td><td>100 %</td></tr><tr><td>TE</td><td>88.98%</td><td>100 %</td></tr></table>		18-19	19-20	SE	75.23 %	100 %	TE	88.98%	100 %	Compared to 2019-20:	Compared to 2020-21: <table border="1"><tr><td></td><td>20 - 21</td><td>21-22</td></tr><tr><td>SE</td><td>100 %</td><td>92.02%</td></tr><tr><td>TE</td><td>100 %</td><td>99.06</td></tr></table>		20 - 21	21-22	SE	100 %	92.02%	TE	100 %	99.06	Improvement is observed in the result.	Compared to 2021-22 <table border="1"><tr><td></td><td>21-22</td><td>22-23</td><td>+/-</td></tr><tr><td>SE</td><td>92.02 %</td><td>66.90%</td><td>-25 %</td></tr></table>		21-22	22-23	+/-	SE	92.02 %	66.90%	-25 %	Compared to 2022-23	Compared to 2023 -24 <table border="1"><tr><td></td><td>23-24</td><td>24-25</td><td>+/-</td></tr></table>		23-24	24-25	+/-	In AY 2024-25, result improvement can be seen for BE.
	18-19	19-20																																					
SE	75.23 %	100 %																																					
TE	88.98%	100 %																																					
	20 - 21	21-22																																					
SE	100 %	92.02%																																					
TE	100 %	99.06																																					
	21-22	22-23	+/-																																				
SE	92.02 %	66.90%	-25 %																																				
	23-24	24-25	+/-																																				



**SIES**

RISE WITH EDUCATION

Graduate School of  
Technology (Autonomous)

NAAC A+

		BE 96.30% 100 %		BE 100 % 100		TE 99.06 % 93.43% -5. BE 100% 91.66% -8.	22 -23 23-24 +/- SE 66.90% 93.89% +26.99% TE 93.43% 92.48% -0.95% BE 91.66% 97.77% +6.17%	SE 93.89 % Not Declared TE 92.4% Not Declared BE 97.77 % 98.49 % +0.72 %	
			19-20 20-21 SE 100 % 100 % TE 100 % 100 % BE 100 % 100 %						
Remedial session	Conducted	Conducted	Conducted(10)	Conducted	Conducted	Conducted	Conducted	Conducted	

	Extra classes for DSE	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted	
	Preliminary Exam	Not conducted	Not conducted	Conducted(13)	Conducted <a href="#">Extra Assignment 2021-22</a>	Not conducted	Not Conducted	Conducted	
	Additional practice assignment	Conducted	Conducted						
	Extra lectures for difficult subjects	-							

1. 8	Academic Audit	1 External audit Conducted.	1 External audit Conducted	1 External audit Conducted.	<a href="#">1 External audit was conducted on 18 Jan 2022.</a>	External Audit conducted	External Audit conducted on 30/8/24	External Audit conducted on 22/5/2025 for SH-24 and on 29/5/25 for FH-25	To be conducted at least once a year
	Course file	19(Odd Sem)+17(Even sem)	17	17	17	16	20	17	Academic audit includes semester wise course file and personal file
	Faculty file	22	18	18	17	16	20	17	
	Feedback	2	2	2	2	2	2	2	Students feedback and teaching and learning is conducted at least twice a year.

**Goal 2**

**To incorporate a digital platform to improve the teaching-learning process**

S · N o	Strategic Objective s	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
2. 1	To develop innovative teaching, learning, and assessment methods	Innovative teaching methods were used like animated concept maps to give overview of the chapter in Microprocess or course.	Innovative teaching methods were used like giving case study on HMI design problems and making students to change the design and reflect on the effects.	Innovative teaching methods were used like Polling and quiz is conducted using mentimeter related to subjects like Cyber Security laws, Software Engg. Machine Learning, Multimedia Systems, BDA,, MCC,DBMS,S PCC to make the lecture interactive as well as helped in	Innovative teaching methods were used like Mindmap in subject PGM, case studies in subjects Cryptography and System Security, Cyber Security Laws, Flipped classroom in subjects DC,DLCA,MIS to create self-learning viewpoint amongst students	Innovative teaching methods were used like crossword puzzle in subject Blockchain, CN, Android based application in MC, TPS in AI, Reserach paper summarization in social media etc.	Innovative teaching methods were used like Industrial visit, TPS, crossword puzzle, Polling, Flipped classroom, Quiz, Case study.	Innovative methods used like Flipped Classroom, quiz, TPS, crossword, Polling, casestudy, Puzzle etc.  Depending on various subjects the methods varied. For SMA case study was taken, DBMS had QUIZ and Queries, Data structures gate questions were given etc.	conducted based on the course / batch requirements

				assessing students.					
Use ICT for effective teaching with E-Learning resources	Various ICT tools are used to enhance the teaching-learning process- Google classroom, online drawing tools, virtual labs, etc.	Various ICT tools are used to enhance the teaching-learning process- Google classroom, online teaching using Google Meet, virtual labs, etc.	Various ICT tools are used to enhance the teaching-learning process- Google classroom, online teaching using MS teams, virtual labs, drawing tools etc.	Various ICT tools are used to enhance the teaching-learning process- MS teams, Virtual labs, Presentations, Concept map, various tools.	Various ICT tools are used to enhance the teaching-learning process- MS teams, Virtual labs, Presentations, Concept map, various tools.	Various ICT tools are used to enhance the teaching-learning process- Virtual lab, Quiz, MS teams, Presentations.	Various ICT tools are used to enhance the teaching-learning process- MS teams, Virtual Lab, simulation tools, Quizzes and Presentations.		
Development of e-content	Course material is created in the form of lecture Videos, PPTs, lab manuals, etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals, etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals, youtube videos, etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals, MOOC Courses, Faculty Webpages, etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals, MOOC Courses, Faculty Webpages, etc.	Course material is created in the form of lecture PPTs and videos, lab manuals, MOOC Courses, Faculty Webpages, etc.		

	Recording of lectures and making it available digitally	Videos on few topics were created and made available to students.	Videos of online lectures were recorded and were made available to students.	Videos of online lectures were recorded and were made available to students.	Few videos of online lectures were recorded and were made available to students.	Videos of lectures were recorded and were made available to students through Youtube, MOOC Courses, etc.	Few videos of online lectures were recorded and were made available to students.	Some videos are recorded and made available to students through teams or faculty youtube channel	
2.2	Transparency in continuous evaluation	The assignment marks, experiment evaluations, test marks are shown to students and the discrepancies are resolved immediately.	The assignment marks, experiment evaluations, test marks are shown to students and the discrepancies are resolved immediately.	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are	Yes	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.

				are resolved immediately	resolved immediately				
2.3	Attendance Monitoring systems	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Defaulters' list taken at regular intervals. Typically thrice in a semester.
2.4	Automated library	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Centrally made available

<b>Goal 3</b>	<b>To encourage research and consultancy, industry-institute interaction and entrepreneurship activities</b>
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S. No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
3.1	<b>To strengthen</b>	Seminar on technical paper	Seminar on technical paper	Seminar on technical paper	Seminar on technical paper	Organizing and conducting	Organizing and conducting National level	Organizing and conducting	Project guide mentored their project groups

	<b>research activities in the institute</b>	writing was conducted for BE students. Organizing and conducting National level Project presentation competition	writing was conducted for BE and TE students. Organizing and conducting National level Project presentation competition	writing was conducted for BE and TE students. Organizing and conducting National level Project presentation competition	writing was conducted for BE and TE students. Organizing and conducting National level Project presentation competition	National level Project presentation competition	Project presentation competition	National level Project presentation and poster presentation competition	in identifying conference , Journal for publication and helped them in understanding similarity check /Plagarism check sing Urkund software.
	Research conference and research symposium /STTP	55 Attended	158 Attended	89 Attended	45 Attended	ISTE Approved one week STTP on “ Data Science and use of Visualization tools” - 60	ISTE Approved one week STTP on “AR and VR”	Organized IEEE International Conference “ICETI4T 2025” ISTE Approved one week STTP on “Generative AI”	Conferences workshop attended/ Mooc Courses completed
	Sponsorship to faculty to encourage	12 College has sponsored	15 College has sponsored STTP	15 College has sponsored STTP	No Sponsorship	In progress	-	-	

	participation in research activities on and off-campus	STTP on CyberSecurity for Faculty 5000	on Cloud and HPC for Faculty 10000	on Blockchain for Faculty 8000					
	Sponsored research through research proposals	1 (40,000/-)	3 (Rs. 75,000/-)	NA	NA	2 Proposals submitted to Department of Bio-Technology	NA	4 Proposals submitted to India AI and 01 proposal submitted to DST	Minor research grant by university of Mumbai.
	<b>Number of research papers in conferences</b>	7	8	11	23	15	28	15	
	<b>Number of research papers in journal</b>	Number of papers in UGC Journals:9 All Journals: 9	Number of papers in UGC Journals:1 All Journals: 11	Number of papers in UGC Journals:5 All Journals: 6	Number of papers in UGC Journals:04 All journals :20	20	Number of papers in UGC Journals: 3 All Journals: 27 Sujata K	10	

	<b>Books written</b>	Nil	4 Books	Nil	Nil	5 (books and Book chapter )	4 Books	nil	
3.2	<b>To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/startup Activities</b>	E – Cell is functional	MHRD – Institute Innovation Cell initiated.	Activities are conducted at institute level.  Guest lecture for IPR under R&D	Patent awareness program by Indian Patent Office, Mumbai for SE,TE and BE students.	Expert session on “Managing Technological Challenges in 2023” <a href="#">“ExpertSession_Tukley sir.docx”</a> and “Developing Analytical Skills” <a href="#">“ExpertSession_Prashant Singh.docx”</a>	Various activities to promote entrepreneurship skills amongst students are conducted under E Cell and MHRD-Institute Innovation Cell.	Various activities to promote entrepreneurship skills amongst students are conducted under E Cell and MHRD-Institute Innovation Cell.	
3.3	<b>Partnership between industry/</b>	Collaboration for internship	Collaboration for internship	Collaboration for internship	Collaboration for internship	Collaboration for internship	Collaboration for internship	Collaboration for internship	Project evaluation, Faculty pursuing Ph.D.

	reputed organization s/								from institutes of national eminence
	Internships	72	56	92	32	43	162	209	Project based Internships are carried out in the industry or on the technologies used in the industry.
	Consultancy work	NA	NA	NA	NA	1	NA	1 Project	
	Industry projects	1	1	0	1	1	8	7	
	MOU	3	1	4	3	1	6	Total 6 New 3	

Expert session/seminars	6	3	7	7 <a href="#">Expert talk</a>	9	12	20	
Short term courses	5	6	12	13 <a href="#">5.1.3 CSI</a>	8	12	Dr. Namrata 1 workshop under CSI	Workshops conducted by IIT Bombay remote center for faculty members and by professional body CSI for students.
Value-added courses	02	09	02	01	06	08	2	After university exams over value added courses are conducted on cutting edge technologies that will be helpful for students.

Training program for faculty	2 ( 1 STTP, 1 FDP)	2 ( 1 STTP, 1 FDP)	3( 1 STTP, 2 FDP)	2(FDP 1 STTP1)	1 STTP	1 STTP	1 STTP	Every year one AICTE -ISTE approved STTP is organized on the topics related recent trends in the IT industry.
Training by faculty	1	4	0	3	1	1	2	By being Resource for workshops and FDPs
Industry labs	NIL	NIL	NIL	NIL	NIL	NIL	NIL	

#### Goal 4

To strengthen alumni engagement and enhance the student experience

S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
4.1	No. of students enroll for Certification/Diploma courses	205	601	48	99(SDP)+23(Coursera)+3(NPTEL)=125	91 <a href="#">SDP</a> + 17(Courseera) 3(NPTEL) + =111	307 SDP(Value added course)	75(SDP) (Value added course)	SDP/Coursera /NPTEL/Udemy
4.2	Facilities for recreation, and sports on campus	Provided	Provided	Provided	Provided	Provided	Provided	Provided	
4.3	No. of student participation in extracurricular activities	38(Non Technical)+59(Technical)	9(Non Technical)+71(Technical)	70(Technical)+5(Non Technical)	41(Technical)+53(Non Technical)	57(Technical)+12(Non Technical)	38(Technical) 6 (Non technical)	28(Technical) 7 (Non technical)	Dance youth festival, OM youth festival, Deep blue,SIH,KJSE Hackathon,
	No of program organized by the institute	4	2	12	13	12(CSI)+9(Expert)	12(CSI)+08(SDP)+09(Guest Lec)	09(CSI)	Activities under CSI like+sdps+work shop

					<a href="#">CSI Reports 2021-22 - Google Drive</a>	Talk)+06(SDP)=27			
	No of award/ medals won by students	12	5	30		4	6	17	
4.4	No of activities undertaken	4	2	12	13 <a href="#">CSI Reports 2021-22 - Google Drive</a>	12(CSI) +31 (codechef,GDS C) =43	No. Of activities under Student-centric 13 Slow-fast learner=13	09(CSI)	(coding skills/bmw analysis activity/case study discussion/ieepa per discussion soft skill activity : 1hr or 2 hr activity
	Awards and Recognition to students	12	5	30	36 <a href="#">Proof_5.3.1_awards</a>	4	6	17	Promethean 2021,Technopreneur 2021,Bugsquash 2022,ByteCamp

									2022, Kabaddi, Volleyball
4.5	Percentage of student placed	81%	85%	80.61%	83.51%	75%	77%	64%	TCS Digital, Cognizant, Xoriant, Continuum, GEP, Reliance jio, Ingram, Capgemini, LTI, TCS Ninja
	Maximum salary	Rs. 7 LPA	Rs. 7 LPA	Rs. 10 LPA	Rs. 10 LPA	Rs. 10.5 LPA	Rs. 10.5 LPA	Rs. 10 LPA	DeltaX, Saint Gobain, TCS Digital, PerkinElmer, LTI Level 3
	Median Salary	Rs. 3.5 LPA	Rs. 3.5 LPA	4.5	4.5	Rs. 5 LPA	Rs. 6 LPA	Rs. 6 LPA	Reliance jio, LTI, Ingram Micro
	No of skill development schemes to	10	7	2	2	2	01	01	Campus Recruitment Training by Campus Credential,

	improve placement								Industry Expectations From Engineering Graduates, FN AT -Mock Online Aptitude & Coding Test(4-3-2020) by First Naukri.com IDBI Training Campus Recruitment Training by Campus Credential
4.6	No of students pursuing higher studies	11	21	14	15	27	24	18	Stevens Institute of Technology, Rochester Institute of

									Technology, Binghamton University  University of Massachusetts, Michigan Technological University
	Initiatives taken to assist students for higher studies	4	9	1	1	2 (GATE seminar+gate lecture	01(GATE Seminar)	Higher studies seminar CRT Training	Higher Education counselling by TC Global, Higher Education in Germany,Over seas Education, different courses available, resume and

									profile building Seminar for Abroad education bt Aditya menon, Gate seminar by Ayushi and Joshi
4.7	Mentor Mentee interactions	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM. Cases that need further attention are referred to Counsellor appointed at institute level.	Conducted Regularly: Min 2 meeting in a semester along with PTM. Cases that need further attention are referred to Counsellor appointed at institute level.	

4.8	Online student portal for academic and non-academic activities	Developed by students known as Portal Companion	Developed by students known as Portal Companion	-	Arena for Codeshef SIESGST	Onedrive,gdrive	Onedrive,gdrive	Onedrive,gdrive	
4.9	Professional Counseling and emergency medical service to the students on campus	Provided	Provided	Provided	Counselling Case sample <a href="#">Proof</a>	Provided	Provided	Provided	Mentor and class incharges identified students for counselling and provided professional counseling
4.10	Promote alumni networking with students	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Alumni are invited as speakers for workshop/seminars, mentor students for

									higher studies, for evaluation of mini projects.
	Alumni association and measures to enhance members	Alum ni associ ation exists and follo wing are the measu res taken: 1.Alu mni portal 2: Linke d in page 3: DAB	Alumni association exists and following are the measures taken:1.Alu mni portal 2. Facebook page 3: DAB member	Alumni association exists and following are the measures taken:1.Alumn i portal 2. Facebook page 3: DAB member 4.Invited talks	Alumni association exists and following are the measures taken:1.Alumni portal 2. Facebook page 3: DAB member 4.Invited talks 5. Coding competition for students	Alumni association exists and following are the measures taken:1.Alumni portal 2. Facebook page 3: DAB member 4.Invited talks 5. Judges for various project competition for students 6. External for Final Year Project evaluation	Alumni association exists and following are the measures taken: 1: DAB member 2.Invited talks 3. Judges for various project competition for students 4. External for Final Year and Third Year Major & Mini Projects. 5. Training Sessions conducted on IOT, Web site development etc.	Alumni association exists, and the following are the measures taken: 1: BOS Meeting 2. Invited talks 3. Judges for various project competition for students 4. External for Final Year and Third Year Major & Mini Projects. 5. Training Sessions conducted on Career opportunities in the Air Force, Sessions on Gate, Placement Preparation,	Alumni Association exists and alumni contribution can be seen through various activities.

		member						website development, etc. 6. Alumni Contribution in terms of scholarship to needy Students	
Alumni contribution	Mention all the types of contribution training, interaction, judging, monetary, etc. 1) SIH industry Mentor 2) Guest lecture 3) Mentoring BE project 4) workshop	Mention all the types of contribution training, interaction, judging, monetary, etc. 1) SIH industry Mentor 2) Guest lecture 3) Mentoring BE project 4) workshop	1) Expert talks 2) Workshops under CSI 3) Mini project evaluation 4) Coding Competition for FE 5) Guest lecture for GATE Preparation )	<a href="#">Alumni 2020-21</a>	<a href="#">Alumni activity 2022-2023_1.xls</a> x	1. Expert talks 2. Expert for Value added Course 3. Resource person for Workshops Under CSI 4) Judge for project competition 5) External for	<a href="#">Summary Alumni activity_2023_24.xls</a> x	<a href="#">Summary Alumni activity_2024_25.xlsx</a>	Alumni are invited as speakers for workshops/seminars and to mentor students for higher studies and for evaluation of mini projects and major projects. Alumni Conducted sessions in the value-added course and judged the

		indust ry Ment or 2)Jud ge for matri x 3)Mo netary contri bution for basket ball court 4) Exper t lectur e for stude nts on indust ry	conducted on angular JS			final year project			project competition during cognition.
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		requirement							
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<b>Goal 5</b>	<b>To enhance contribution towards society and the environment</b>
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S. No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
5.1	Number of students opting for the elective courses that address gender bias, environment and	NA	23	08	NA	EVM – 56 (SEM VIII)	EVM – 80 (SEM VIII)	EVM – 85 (SEM VIII)	Sem VIII elective EVM (R-2019)

	sustainability issues								
5.2	Number of projects relevant to society to provide solutions	19	19	23	06 for SE+24 for BE <a href="#">BE Project List Of Social relavance Topics</a>	14 for BE 6 for TE 11 for SE <a href="#">Societal Applications Societal.xlsx</a> <a href="#">Social relavance project list - SE.xlsx</a>	18 for BE 12 For TE 8 For SE <a href="#">BE Societal related Projects</a> <a href="#">Societal 2023-24.xlsx</a> <a href="#">SE Societal.xlsx</a>	27 for BE 15 For TE 15 For SE <a href="#">Societal project 2024-25.xlsx</a> <a href="#">SE Mini Project Titles FH2025.xlsx</a> <a href="#">BE Societal projects - Copy.xlsx</a>	Sem IV,VI and final year Major project had objective towards providing solution to the societal problems
5.3	Number of green campus initiatives & waste management.	2	2			2	-	-	2018-19 : e-journal submission, car pooling 2019-20 : reduction in use of plastic water bottles and tiffins ,E-documentation

5.4	Number social initiatives contributing towards local community	Beacon Web development :20	Enter Number Web development: 11	Mask initiatives done till 4lakh					
5.5	Measures to improve waste disposal and e-waste collection	<ul style="list-style-type: none"> <li>Dustbin making activity</li> <li>E-waste management seminar</li> </ul>	-----	----- ----					

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## Goal 6

To initiate new courses at UG and PG level

S. No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
6.1	Complete accreditation process	NAAC Accreditation Process completed with B++	NBA Accreditation to be completed	NBA Accreditation received for AY 2021-24	PG syllabus setting, New 3 UG courses started	AQAR and SSR for cycle 2 submitted	NAAC Accreditation Process completed with A+	NAAC Accreditation Process completed with A+	

<b>Goal 7</b>	<b>To formulate development plans to improve the overall quality of the Institute</b>
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S · N o	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
7.1	Participate in NIRF, ARIIA, MHRD	Participated in NIRF and MHRD	Participated in NIRF and MHRD	Participated in NIRF and MHRD	Participated	Participated	Participated	Participated	
7.2	IQAC Meetings	2	4	2	2	2	2	2	
7.3	Add / Update the organization al standard operating processes	NA	NA	NA	PI included in QP	provided at institute level	Provided at institute level	Provided at institute level	Co Mappings for assignment, CO mapping for QP of IA, Rubrics for mini project/Lab/Major project

7.4	Internal and External audits	2(Internal)+ 1 (External)	1(Academic Internal)+1 (NBA internal)+1(External Academic)	1(External Audit)	<a href="#">1(Academic Internal)+1(External Academic)+1 (Stock verification)</a>	<a href="#">1(Academic Internal)+1(External Academic)+1 (Stock verification)</a>	1 (Academic Internal Audit)+1 (External Academic )+1 (Stock verification)	3 (Academic Internal Audit)+2(External Academic Audit)+1(Stock Verification)	NBA audit and Academic audit
7.5	Participation of staff in training programs	55	158	65	43	18	20	17	Seminars/Workshops /STTP and FDP and NPTEL courses
7.6	Organization of STTPs/ FDPs/ training	6	5	3	2	1	1	1	AICTE -ISTE approved STTP on Data science and Visualization tools, FDP on Data Science ,AICTE -ISTE approved STTP , geo informatics, AICTE -ISTE approved STTP on Blockchain Technology, FDP

									on Agile methodology and Next Gen Technologies
7.7	Strengthening library & Increasing learning resources	Departmental Library IEEE Digital Library session conducted for faculty and students	1. Departmental Library 2. IEEE Digital Library session conducted for faculty and students 3.	Departmental Library	Departmental Library available for faculties and students		Departmental Library available for faculties and students	Departmental Library available for faculties and students	
7.8	Maintenance of Infrastructure	Yes	Yes	Yes	22 old systems replaced with new machined		Yes	Yes	Location CE lab 313
7.9	Regular updation of new lab equipment	Yes	Yes	Yes	Yes		Yes	Yes	

7.10	Development of new infrastructure	Yes	Yes	Yes	No		Yes		
7.11	No of faculty acquiring PhD	1	3	NA	-	10	07		
7.12	Awards and Recognitions to Institute	1	NA	02	NA	NA	NA		Mention some notable achievements
7.13	Awards and Recognition to faculty	NA	01	NA	NA	NA	NA		Mention some notable achievements
7.14	Stake holder feedback mechanism	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Faculty feedback is taken two times in a semester. Feedback from other stakeholders (parents, Employers, Alumni, staff etc

									) is taken once in a year.
7.15	Green Initiatives taken & Policies for same	Journal submission online Car pooling	Journal submission online Car pooling	Journal submission online Car pooling	Yes	Yes	Yes	Yes	2018-19 : e-journal submission, car pooling 2019-20 : reduction in use of plastic water bottles and tiffins E-documentation
	Institute Level Objectives	1. To provide value-based education using at least one	1. To qualify for platinum category grade in AICTE-	1. To increase the number of Industry	1. Each department to take industry project/research		1. Each department is to carry out at least one consultancy project with industry or one live project (College Level/SIES group institutions).	1. Implementation of Autonomy from 2024-25 for FE to BE and PG.  2. Establishing the State-of-art Centre of Excellence for “Artificial Intelligence”.	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.

		<p>innovative teaching methods and one ICT tool per course</p> <p>2. To strengthen the Industry Institute</p>	<p>CII survey</p> <p>2. To conduct at least two approved technical audit courses by each department and two</p>	<p>MoUs / linkages and conduct at least one activity per year under this</p>	<p>h project with number equivalent to half of total faculty strength.</p> <p>2. To conduct at least two</p>		<p>2. Each faculty should publish at least one paper in reputed conferences/Journals and at least 50% of the total no. of faculty in each department, should submit research proposals</p> <p>3. IEEE international conference should be organized in every three years</p> <p>4. Each department should get at</p>	<p>3. Each department to carry out at least one consultancy project with industry or two live projects (College Level/SIES group colleges).</p> <p>4. Each faculty should publish at least one paper in reputed conferences/Journals.</p> <p>5. At least 50% of the total number of faculty in each department should submit research proposals.</p>	
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		<p>Interaction to qualify for the third round of AICTE-CII Survey.</p> <p>3. To promote self learning among student</p>	<p>non-technical audit courses by the Institute</p> <p>3. To carry out at least one consultancy project with Industry</p>	<p>linkage.</p> <p>2. To implement IT enabled management for all activities of the</p>	<p>technical activities at National/International level by each department.</p> <p>3. Revenue generation</p>		<p>least 03 Mou's with industry/Educational Institutes and conduct collaborative activities.</p>	<p>6. Each faculty member to complete at least one course in emerging domains from SWAYAM/ Coursera</p>	
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		ts, at least 25% from each class.	and/or one in-house development of modules as a solution to Institute requirements	3. To improve participation of alumni in resource generation and	ion through consultancy/MOU's/ Alumni by every department as per NAAC/ NBA requirement.				
			4. To conduct at least						

			one Training session for Industry by the faculty member s of each departm ent	plann ing & devel opme nt. 4. To form ulate and imple ment start- up polic y.	4. Each depart ment to include at least two value added courses or certific ate progra ms in the				
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					emerging areas to enrich the curriculum.				
	Objectives at department Level to achieve strategic goals	1. Enhance collaboration with industries and organizations for	1. To improve student's participation into technical	1. To improve the quality of research	1. To improve faculty participation in Major/minor		1. At least 90% of Final year projects to publish papers in Conferences/Journals/copyright/ patent (Core depts.)  2. All the faculty should be involved in	1. Each department should get at least two MOUs with Industr	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.

		<p>project s.</p> <p>2. To encourage more number of students for internship programs.</p> <p>3. To improve students public</p>	<p>competit ion</p> <p>2. To increase faculty and student research publications by 25%</p> <p>3. To get accreditation from</p>	<p>publi catio ns by students and faculty</p> <p>2. To improve industry related</p>	<p>research</p> <p>1. proposa</p> <p>2. To improve problem solving, coding and soft skills in students</p> <p>3. To develop two</p>		<p>conduction of Value-added courses.</p> <p>3. At least one MOOC course should be developed by each faculty in the department</p> <p>4. To Establish Center of Excellence (CoE) in Data Science</p>	<p>y /Educational Institutes and conduct collaborative activities under all functional MOUs</p> <p>2. At least 90% of Final year projects to publish papers in Conferenc</p>	
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		ations (for quality Projec ts) in lined with institut e to enhan ce Resear ch & Devel opmen t activiti es among st	national board for the compute r engineer ing program	3. consu ltanc y proje cts To impr ove probl em solvi ng, progr ammi ng	in-house projects for Institute /depart ment automat ion.			es/ Journals/c opy right/ patent	
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		<p>students and faculty members.</p> <p>4. To conduct session for students soft skill development.</p> <p>5. To promote entrepreneurship</p>		<p>and soft skills of students.</p>						
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		ship by encour aging studen ts to take up innova tive project s.							
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## EXTC Department

### Deployment for AY 2024-25

### Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025

<b>Goal 1</b>	To enrich curriculum
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S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	22-23	23-24	24-25	Remarks
1.1	<b>Department Advisory board</b>	One meeting conducted  Oct 20,2018 DAB meeting conducted. <a href="#">Agenda of Meeting 20_10_2018</a>	One meeting conducted  Oct 19,2019 DAB meeting conducted. <a href="#">Agenda of meeting 19_10_2019</a>	One meeting conducted  Jan 27,2021 DAB meeting conducted. <a href="#">Agenda DAB_27.01.21</a>	One meeting conducted  16 Feb 2022 DAB meeting conducted <a href="#">Agenda for DAB _16Feb2022.docx</a>	One meeting conducted  25-Feb 23	One meeting conducted  24-Feb-24  <a href="#">Agenda of DAB_24Feb 24</a>	One meeting conducted  30-June-25	To be conducted at least once a year.



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1.2	Development of Course Objectives and Course outcomes to foster Outcome Based Learning	Done	Done	Done	Done	Done	Done	Done	To be done for every batch at the beginning of the academic year.
1.3	<b>Academic-Activity Calendar</b>	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared in the beginning of every semester.
1.4	<b>To enhance curriculum delivery beyond syllabus activities</b>	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted	Some activities are conducted like poster presentations, Simulations, Seminars, Case studies etc.



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	Industrial Visits	2	4	--	10	3	4	1	Students will get experiential learning by IV to understand different electronics and communication concepts
	Guest lectures	4	-	1	6	7	16	5	To enhance the knowledge related to subject
	Internships	74	62(industry internships) +143(SDPs)	55(industry internship) + 53 (SDP)	65(SDP), 58(Industry)	30(industry) 67(SDP)	37 (Industry)	46 (Industry) 90 (VAC)	Students take up internship in the vacation
	Problem-Based Learning	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Students will learn the concepts with the help of problem based learning using Case study as well as final year projects.



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	MOOCs	6(NPTEL)	7(NPTEL)+200(Courseera and UDEMy	86(coursera)	13	15	5(Udemy)+5(Coursera)	22	NPTEL, Course ra, Udemy
	Value Added Courses	1	0	2	4	4	4	3	Students will learn the concepts with hands on session.
	Industry Projects	0	0	2	2	10	1	1	Student get the opportunity to work with industry experts.
	Expert talks	9	11	1	6	7	16	24	Students benefit : exploring current scenarios in industry.



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1.6	Innovative teaching methods	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	Implemented	implemented every academic years based on the course / batch requirements. For example TPS, Flipped classroom, Project based learning, Peer Instruction, simulations, Poster/paper presentation etc.
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1.7	Result Improvement	Compared to 2017-18:  17-18, 18-19 -/+%  SE: 73.94, 65.25 -8.69%  TE: 74.10, 68.97 -5.13%  BE: 96.38, 90.61 -5.77%	Compared to 2018-19:  18-19, 19-20 +/-%  SE: 65.25, 100 +34.75%  TE: 68.97, 100 +31.03%  BE: 90.61, 99.28 +8.68%	Compared to 2019-20:  19-20, 20-21 +/-%  SE: 100, 94.53 -5.47%  TE: 100, 100 +0%  BE: 99.28, 100 +0.72%	Compared to 2020-21:  20-21, 21-22 +/- %  SE: 94.53, 78 -16.53%  TE: 100, 83 -17%  BE: 100, 96.71 -3.29%	Compared to 2021-22:  21-22, 22-23  SE: 78, 67 -11%  TE: 83, 86 3%  BE: 96.71, 88 -8.71%	Compared to 2022-23:  22-23, 23-24  SE: 67, 72 5%  TE: 86, 92 6%  BE: 88, 81.81 -6.19%		Result is improving.Final year result 19-20 yet to come. In the year 18-19 Second year result was less as diploma students admission was late and they found difficulties in some of the subjects.
	Remedial session	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted		All the faculty of the department conduct remedial session



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	Extra classes for DSE	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted		Conducted for all six subjects
	Preliminary Exam	Not conducted	Not conducted	Not conducted	Conducted	Not conducted	Not Conducted		Shall be conducted based on the course / batch requirements
	Additional practice assignment	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted		
	Extra lectures for difficult subjects	Conducted	Conducted	Conducted	Conducted	Conducted	Conducted		



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1.8	Academic Audit	Conducted on 25/05/2019 for the AY 2017-18 by Dr. S. S. Rathod, SPIT, Andheri	Conducted on 28/11/2019 for the AY 2018-19 by Dr. D. V. Bhoir, Fr. Conceicao Rodrigues College of Engineering,	1. 22/1/2021 for the AY 2019-20, 2. Conducted on 5/2/2021 for the SH2020 by Dr. Bindu S, Fr. C. Rodrigues Institute of Technology, Vashi	10/01/2022 for FH2021 and SH2021 By Dr. R. K. Kulkarni, VESIT, Chembur <a href="https://siescms-my.sharepoint.com/:b:/g/per_sonal/hodextc_sies_edu_in/EerzTeSgXK1Cnyz76ASZ67ABuuqROYVUGz0xAYWvWs4tHw?e=i1AusV">https://siescms-my.sharepoint.com/:b:/g/per_sonal/hodextc_sies_edu_in/EerzTeSgXK1Cnyz76ASZ67ABuuqROYVUGz0xAYWvWs4tHw?e=i1AusV</a>	10-3-23 for FH22 and SH22 by Dr. Bhoir, Fr. Conceicao Rodrigues College of Engineering	13/01/2024 Dr. Deepak Bhoir, Fr. Conceicao Rodrigues College of Engineering,		To be conducted at least once a year, Fr. Conceicao Rodrigues College of Engineering
	Course file	Yes	Yes	yes	yes	yes	yes		Course files are prepared for every subject.
	Faculty file	Yes	Yes	yes	yes	yes	yes		Handbook is maintained every semester



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<b>Goal 2</b>	<b>To incorporate a digital platform to improve the teaching-learning process</b>
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	Development of e-content	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Recording of lectures and making it available digitally	No	Yes	Yes	yes	yes	Yes	-	
2.2	Transparency in continuous evaluation	Yes	Yes	Yes	yes	yes	yes	yes	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.
2.3	Attendance Monitoring systems	Yes	Yes	Yes	yes	yes	yes	yes	Defaulters' list taken at regular intervals. Typically thrice in a semester.
2.4	Automated library	Yes	Yes	Yes	yes	yes	yes	yes	Centrally made available

<b>Goal 3</b>	<b>To encourage research and consultancy, industry-institute interaction and entrepreneurship activities</b>
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S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	22-23	23-24	24-25	Remarks
3.1	<b>To strengthen research activities in the institute</b>	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Seminar on technical paper writing was conducted for BE students.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities	Activities have been conducted to strengthen research activities	Activities have been conducted to strengthen research activities	Project guide mentored their project groups in identifying conference, Journal for publication and helped them in understanding similarity check /Plagarism check using Urkund software.



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	Research conference and research symposium /STTP	1.Conferences attended(4) 2. No. of Faculty members attended STTP - 13 FDP - 4 Workshop - 7	1. conferences attended(8) 2. No. of Faculty members attended STTP - 6	1.Conferences attended 2. No. of Faculty members attended STTP - 17 FDP 1. Use of Games and simulation in teaching- 17 2. Internet of Things- 17 3.Augmented reality: Applications and development platforms- 17	STTP  ISTE Approved One Week STTP on “Data Science and Use of Visualization Tools”- 60	ISTE Approved One Week STTP on AR and VR “	ISTE approved one week STTP on “NEP 2020 and Autonomy in HEI (18.12.23 to 23.12.23)	ISTE approved 3 Day Face to Face FDP on “Inculcating Universal Human Values in Technical Education”	AY 2018-19 - STTP on Neural Network and Deep Learning using TensorFlow AY 2019-20 - STTP on Antennas and RF Components Design, Fabrication and Testing AY 2019-20 - FDP on Geoinformatics and Related Open Source Technology
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									AY 2019-20 - One day workshop on 'Scilab' organized by IIT bombaycordina ted by EXTC Department (online) AY 2020-21 STTP on Recent Trends in wireless Technologies FDP 2020-21 1. Use of Games and simulation in teaching 2. Internet of Things 3. Augmented reality: Applications and development platforms
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	Sponsorship to faculty to encourage participation in research activities on and off-campus	--	--	17College has sponsored STTP on Recent Trends in Wireless Communication Technologies	--	--	--	--	
	Sponsored research through research proposals	6	3	--	--	--	--	--	
	<b>Number of research papers in conferences</b>	4	8	7	6	9	1	In process	
	<b>Number of research papers in journal</b>	papers in UGC Journals:12 All Journals:-14	papers in UGC Journals:2 All Journals:-8	papers in UGC Journals:15 All Journals:-28	14	7	6	1	
	<b>Books written</b>	Nil	Nil	Nil	Nil	Nil	Nil	Nil	



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3.2	<b>To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/startup Activities</b>	E – Cell is functional	MHRD – Institute Innovation Cell initiated.	Activities are conducted at institute level.  Guest lecture for IPR under R&D	Activities are conducted at institute level.	Activities are conducted at institute level.	Activities are conducted at institute level.	Activities are conducted at institute level.	
3.3	<b>Partnership between industry/ reputed organizations/</b>	Good partnerships established	Excellent Partnership established	Partnerships through MoUs and DABs	Partnerships through MoUs and DABs	Partnerships through MoUs and DABs	Partnerships through MoUs and DABs	Partnerships through MoUs and DABs	
	Internships	74	62	55 (industry) +53 (SDP)	65(SDP), 58(Industry)	30(industry) 67(SDP)	37 (Industry)	14 (Industry)	Students take up internship in the vacation
	Consultancy work	--	--	--	--	1,with EEPIL,20000	3with Efficient Innovations Pvt. Ltd. Rs. 51840/-	-	Students take up project.



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	Industry projects	0	0	2	2	10	1	1	Students get to opportunity with experts and latest technology used for industrial application
	MOU	2	0	3	2	1	3	2 (till date 06.11.2024)	
	Expert session/seminars	2	0	2	5(dept)	6	7	16	Students get knowledge about requirements of industry also it bridges gap between academy and Industry.



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	Short term courses	2	1	1	1	1	1	-	AY 2018-19 - STTP on Neural Network and Deep Learning using TensorFlow AY 2019-20 - STTP on Antennas and RF Components Design, Fabrication and Testing AY 2019-20 - FDP on Geoinformatics and Related Open Source Technology  AY 2021-22 STTP on “Data Science and Use of Visualization Tools”
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	Value-added courses	1	9	8	3	4	4	4	Hands on experience with experts
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	Training program for faculty	3	1	3	1	0	1	In process	AY 2018-19 - STTP on Neural Network and Deep Learning using TensorFlow AY 2019-20 - STTP on Antennas and RF Components Design, Fabrication and Testing AY 2019-20 - FDP on Geoinformatics and Related Open Source Technology
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									AY 2019-20 - One day workshop on 'Scilab' organized by IIT bombaycordina ted by EXTC Department (online) AY 2021-22 STTP on "Data Science and Use of Visualization Tools
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	Training by faculty	1	2	1	1	0	21	In process	AY 2019-20 - STTP on Antennas and RF Components Design, Fabrication and Testing, Speakers - Prof. Shishir Jagtap and Vandana Sawant. AY2018-19 - Orientation Program on Course File, Handbook, Personal File and Mentor-Mentee Scheme. Speaker - Prof. Biju Balakrishnan AY 2021-22
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									Faculty Orientation Program on Digital Communication theory and Lab by Biju Balakrishnan-85 faculties
	Industry labs	--	--	--	--	--	--	--	

<b>Goal 4</b>	<b>To strengthen alumni engagement and enhance the student experience</b>
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S. No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	22-23	23-24	24-25	Remarks
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4.1	No. of students enroll for Certification/Diploma courses	34	181	134	65 (SDP)	67 (SDP)	50	55	SDP/inter nship attended by the students
4.2	Facilities for recreation, and sports on campus	Provided	Provided	Provided	Provided	Provided	Provided	Provided	
4.3	No. of student participation in extracurricular activities	2002	2056	4029	4266	2684	4036	In process	These numbers are excluding sports and cultural activities.
	No of program organized by the institute	5(SDP)+11(work shop)= 16	7(SDP)+10(works hop)=17	3 (SDP) + 2 (Workshop) +1 (Symposium) = 6	4(SDP)+ 6 (Worksh op) + 1 (Symposi um) =11	4(SDP) + 8 (worksho ps) +1 (Symposi um) = 13	2 (VAC) + 5 (worksho ps) + 1 (Symposi um) = 8	In process	



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	No of award/ medals won by students	11(intercollegiate ) + 21(department) =33	32 (intercollegiate)+ 30(dept) = 62	23 (intercollegi ate)+ 2 (dept) = 25	61( sports and cultural)	19 (sports)+ 15 (cultural)	6 (sports) + 2 (culturals )	In process	
4.4	No of activities undertaken	38	43	30	39	35	35	20 (till data 6-11-24)	



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	Awards and Recognition to students	21(dept)	30(dept)	18	4(IEEE awards to students)	6 (IEEE awards to students) 3 (IEEE awards to students branch)	1 (IEEE awards to students branch)	In process	❖ Best Chapter award for MTTS SH2023 Third prize in leadership contest of SMLET SH2022 Second IEEE Regional Exemplary Student Branch Award SH2022 Best chapter award SH2022
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									<ul style="list-style-type: none"> <li>❖ IEEE Regional Exemplary Student Branch Award 2021</li> <li>❖ Darrel Chong Student Activity award 2021</li> <li>❖ Winner of Got Talent at IEEE all India Congress 2021 at Kochi, Kerala</li> </ul>
4.5	Percentage of student placed	54.36	42.62	26.27	90.15	46.09	21.2%	In process	
	Maximum salary	Rs.10 lpa	Rs.5.5 lpa	Rs 6.6 lpa	7.5 lpa	8.64L	5.6L	In process	



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In process	
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## RISE WITH EDUCATION

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4.1 0	Promote alumni networking with students	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	2018-19: Alumni Reconnect on 05/01/2019 2019-20: Alumni Reconnect on 04/01/2020 2021-22: Alumni Reconnect on 09/07/2022
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## RISE WITH EDUCATION

<p>Alumni association exists and following are the measures taken:</p> <ol style="list-style-type: none"> <li>1.Alumni portal</li> <li>2. Facebook page</li> <li>3: DAB member</li> <li>4..Invited talks</li> </ol>	<p>Alumni association exists and following are the measures taken:</p> <ol style="list-style-type: none"> <li>1.Alumni portal</li> <li>2. Facebook page</li> <li>3: DAB member</li> <li>4.Invited talks</li> </ol>
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Alumni contribution	2018-19:Alumni talk on “Life after Engineering & How to Select project for BE” on 2nd April 2019 by Ameya Kale.	2019-20: Alumni talk on “Data Analytics & Machine Learning” on 19 September 2019 by A. Shyam	2020-21:Live with Alumni after Graduation: Aditi Kulkarni 18/7/2020 Nivedita Deshpande 10/10/2020 Aman Rajput 16/10/2020 Bridge the gap Aakansha Kohli 7/3/2021 Shreya Pattar 14/3/2021 Mohini Jodhpurkar 28/3/2021 Vipul Varkar 27/6/2021	2021-22: Alumni-student Interaction 1.Anurag I. for DVLSI Expert lecture -30-7-2021 2. Dada Suryavanshi -5G -IoT Cloud on 11-2-22	22-23 Alumni-student Interaction Unnati Wadkar And Rahul Sheshadri on 09/07/2022 DAB :PRachija in ,Kartik Ram on 25-2-22 Live with Alumni : Harpreet Singh on 3-7-22	23-24 Alumni-student Interaction	24-25 Alumni-student Interaction Mr. Arun Nadar and Mr. Medhansh Mahto Judge for Project Competition (21-09.2024) Uday Shankar Expert Talk on Job Opportunities in VLSI/Semiconductor Industry (23-11-2024) Mr. Abhishek Singh (Guest in IEEE Magazine Reveal) 4-10-2024
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<b>Goal 5</b>	<b>To enhance contribution towards society and the environment</b>
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S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	22-23	23-24	24-25	Remarks
5.1	Number of students opting for the elective courses that address gender bias, environment and sustainability issues	Nil	Disaster Management and Mitigation Measures - 25 students	27	EVM=26 DMM=8	EVM=59 DMM=8	EVM=52 DMM=43	EVM=22 DMM=14	Sem VIII elective EVM (R-2016)  Sem VIII ILO –EVM-FH2021  Sem VII elective DMM – SH 2020



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5.2	Number of projects relevant to society to provide solutions	28	30	30	32	32			final year Major project had objective towards providing solution to the societal problems
5.3	Number of green campus initiatives & waste management.	3	1	2	1				2018-19 : e-journal submission,car pooling 2019-20 : reduction in use of plastic water bottles and tiffins,E-documen tation
5.4	Number social initiatives contributing towards local community	5	6	2	0				

5.5	Measures to improve waste disposal and e-waste collection	1. Dustbin making activity 2. E-waste management seminar 3. Compost filtering	-----	--	--				
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<b>Goal 6</b>	<b>To initiate new courses at UG and PG level</b>
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S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	22-23	23-24	24-25	Remarks
6.1	Complete accreditation process	NAAC Accreditation Process completed with B++	NBA Accreditation to be completed	NBA Accreditation from 1-7-2021 to 30-6-2024	nil	nil	NAAC Accreditation Process completed with A+	NBA Accreditation from 1-7-2024 to 30-6-2027	

<b>Goal 7</b>	<b>To formulate development plans to improve the overall quality of the Institute</b>
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7.4	Internal and External audits	External Audit for AY 2017-18 on 20/5/2019  Internal Audit for SH2018 on 11/4/2019	External Audit for AY 2018-19 on 28/11/2019  Internal Audit for FH2019 on 28/9//2019	External Audit for SH2020 on 05-02-21 and for AY2019-20 on 22-01-21  Internal Audit for SH2020 on 01-01-21	External audit for SH21 and FH2021 on 10-01-22  Internal audit bu IQAC	External audit for SH22 and FH2022 on 10-03-23  Internal audit bu IQAC	External audit for SH23 on 13-01-24 Internal audit for SH23 on 12-12-23  External audit for FH24 on 03-08-24 Internal audit for FH24 on 24-05-24		
7.5	Participation of staff in training programmes	63	129	97	57	32	20	In process	Provided under criteria 6.3.4
7.6	Organization of STTPs/ FDPs/ training within Institute	8	2	3 (FDP) + 1 (STTP)	1 STTP	1 STTP	1 STTP	-	



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7.7	Strengthening library & Increasing learning resources	Faculty are sharing notes, books, video recordings, assignments, university Q papers through Google classroom	Faculty are sharing notes, books, video recordings, assignments, university Q papers through Google classroom	Faculty are sharing notes, books, video recordings, assignments, university Q papers through Google classroom	Faculty are sharing notes, books, video recordings, assignments, university Q papers through Office Team	Faculty are sharing notes, books, video recordings, assignments, university Q papers through Office Teams	Faculty are sharing notes, books, video recordings, assignments, university Q papers through Office Teams	Faculty are sharing notes, books, video recordings, assignments, university Q papers through Office Teams	Learning Resources
7.8	Maintenance of Infrastructure	Yes	Yes	yes	yes	yes	yes	yes	Done as per requirement
7.9	Regular updation of new lab equipment	Yes	Yes	yes	yes	yes	yes	yes	Lab equipments are purchased according to the requirements of the syllabus and all lab deadstock registers are updated.
7.10	<b>Development of new infrastructure</b>	<b>No</b>	No	No	No	No	no	no	Mention the new infrastructure in brief



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7.11	No of faculty acquiring PhD	1 completed. 5 pursuing	2 completed 7 pursuing	7 pursuing	8 pursuing	5 pursuing	1 completed 2 pursuing	2 pursuing	18-19 Preeti Hemnani completed 19-20 shubhangiK , Shishir J completed PhD 23-24 – Swati Rane Completed
7.12	Awards and Recognitions to Institute	1	Na	2	2	1			Received IEEE Exemplary student branch award for 2020, 2021 and 2022, 2023 Received IEEE Darrel Chong award for the best event conducted.
7.13	Awards and Recognition to faculty	na	na	na	na	–	--	--	Mention some notable achievements
7.14	Stake holder feedback mechanism	Yes	Yes	yes	yes	yes	yes	yes	



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7.15	Green Initiatives taken & Policies for same	yes	yes	yes	yes	yes	yes	yes	
Institute level Objectives	1.		3. To improve technical skills of the students in the field of computer and electronics field. 4. To improve research paper reading and writing skills of the students. 5. To train students in problem-solving and soft skills to ensure holistic development						
Department level objectives			1.To take up atleast 1 consultancy project with industry. 2.To increase no. of MOU's with industry to improve internship /BE projects. 3.To create atleast 1 MOOC course in all 4 quadrants.						

**Deployment data for AY 2024-25 of IT Department. Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025.**

Goal 1	To enrich curriculum
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Goal 2	To incorporate a digital platform to improve the teaching-learning process
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S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
2.1	To develop innovative teaching, learning, and assessment methods	Developed	Developed	Developed	Developed	Developed	Developed	Developed	Conducted based on the course / batch requirements and maintained in the course file.

	Use ICT for effective teaching with E-Learning resources	Done	Done	Done	Done <a href="#">2.3.2-ICT tools_ITDepartment.xlsx</a>	Done <a href="#">2.3.2-ICT tools_ITDepartment.xlsx</a>	Done <a href="#">2.3.2-ICT tools_ITDepartment.xlsx</a>	Done <a href="#">2.3.2-ICT tools_ITDepartment.xlsx</a>	
	Development of e-content	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Recording of lectures and making it available digitally	No	Yes	Yes	Yes	Yes	Not applicable	Not applicable	
<b>2.2</b>	<b>Transparency in continuous evaluation</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.



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	Yes
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Goal 3	To encourage research and consultancy, industry-institute interaction and entrepreneurship activities
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S. No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remark
3.1	To strengthen research activities in the institute	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Conducted (college level) various seminars on research/ patent writing to encourage faculty/ students. At department level conducted faculty development program to strengthen research activities.

	Research conference and research symposium /STTP	conferences -1 STTP-12	Conferences-14 STTP-13	Conferences-13 STTP-11	Conferences-16 STTP-12 <a href="#">STTP_R EPORT_ DATA SCIENC E_SH21 (1).doc</a>	Conferences-10 STTP-20	Conferences –9 STTP- 13 <a href="#">Event Report STTP NEP2020 (1).docx</a>	<b>Conference-2 1 Accepted and presented: 14 Submitted:0 7STTP:8 <a href="#">2024_GEN ALSTTP Report 1.pdf Faculty IT-All R &amp;D Details -2024-25.xlsx</a></b>	<b>2018-19:</b> 1 paper published in conference.12 faculty members attended STTP. <b>2019-20:</b> 14 papers are published in conferences. 13 Faculty members attended STTP. <b>2019-20:</b> 22 Papers are published in conferences. 11 Faculty members attended STTP. <b>2021-22:</b> 16 Papers are published in conferences. 12 Faculty members attended STTP. <b>2022-23:</b> 10 Papers are published in conferences
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									20 Faculty members attended STTP. <b>23-24</b> 09 Papers are published in conferences 10 Faculty members attended STTP. 24-25 14 Papers are accepted and presented in conferences <b>2024-25</b> 8 Faculty members were attended STTP.
	Sponsorship to faculty to encourage participation in research activities on and off-campus	Nil	Nil	Nil	Nil	Nil	Nil		Nil

	Sponsored research through research proposals	3	2	2(Continuing 2019-20)	2(Continuing 2019-20)	3 submitted	1 submitted	1 DST project submitted under SEED	<p><b>2018-19:</b> Ms.Lakshmisudha, Ms.Bushra, Ms.Stuti received 15,000/ ,30,000/-, 25,000/- respectively from University of Mumbai.</p> <p><b>2019-20:</b> Ms.Savita Lohiya, Ms.Seema Redekar received Rs 30,000/- and Rs 25,000/- from University of Mumbai.</p> <p>And continued in 2020-21 due to pandemic.</p> <p><b>2022-2023:</b> 1) Bushra Shaikh Submitted research proposal to Department of Biotechnology Ministry of Science and Technology Government of India New Delhi, India on the date 21/1/2023</p>
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									<p>2) Mrinal Khadse, Savita Lohiya Submitted research proposal to DRDO life sciences research board Delhi on the date 22/6/23</p> <p>3) Dr. Lakshmisudha, Sumit Shinde Submitted proposal to DST on topic "Artificial Intelligence (AI) Applications in Agriculture &amp; Plant Science " 20/1/23</p> <p><b>2023-24</b></p> <p>Dr. Poornima submitted research proposal to SERB-Power grant on topic "Blockchain-Enabled Collaborative Platform for Plant Disease Detection and Prediction using Deep Neural Network"</p> <p><b>2024-25</b></p> <p>Dr. Divya Chirayil submitted research proposal to DST under SEED on topic "Agrocure</p>
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									:Transforming Farms, Maximizing Yields” Received AICTE ATAL FDP funding of 3,50.000  Titled: Generative AI and data Science: Shaping India's Next Decade of Innovation
	Number of research papers in conferences	1	14	13	16 <a href="#">Research publicati on details 2021-22. xlsx</a>	10 <a href="#">IT_R&amp;D_2 022-23.xlsx</a>	9 <a href="#">IT Publications</a>	<b>Conference-2 1</b>	<b>2018-19:</b> 1 paper published in conference. <b>2019-20:</b> 14 Papers published in conferences. <b>2020-21:</b> 13 Papers published in conferences. <b>2021-22:</b> 16 Paper published in conferences <b>2022-23:</b> 10 Paper published in conference 2024-25: Accepted and presented in conference: 14 Submitted in conference :07

	Number of research papers in journal	13	4	9	17 <a href="#">Research publication details 2021-22.xlsx</a>	06 <a href="#">IT_R&amp;D_2022-23.xlsx</a>	<b>04</b> <a href="#">IT Publications</a>	<b>05 Scopus Journal published</b>	<b>2018-19:</b> 13 paper published in UGC Journals <b>2019-20:</b> 4 Papers published in UGC Journals <b>2020-21:</b> 9 Papers published in UGC Journals <b>2021-22:</b> 17 Paper published in UGC journals. <b>2022-23:</b> 6 Paper published in journals <b>2023-24:</b> 4 Paper published in journals <b>2024-25:</b> 05 Papers published in Scopus indexed journal
	Books written	Nil	Nil	3 (Book - 1, Book Chapters- 2)	2 <a href="#">Research publication details 2021-22.xlsx</a>	Book Chapters- 5 Book -1	Nil	<b>01 Book chapter published</b>	<b>2020-21 :</b> 1. Dr. K. Lakshmisudha: published chapter in Book titled "Advances in Data Science and Information Engineering" 2. Ms.LeenaLadge published chapter in Book titled

									<p>"Innovations in Computer Science and Engineering</p> <p>3. Ms.StutiAhuja published book titled “Change Detection in Satellite Images” in Lambert Publication</p> <p><b>2021-22</b></p> <p>1. Dr. K. Lakshmisudha: published chapter in Book Inventive Systems and Control. Lecture Notes in Networks and Systems, vol 436. Springer</p> <p>2. Ms.Stuti A. Published chapter in book titled Video Descriptor using Attention Mechanism</p> <p><b>2022-23</b></p> <p>Leena Ladge -Book Chapters</p> <p>Mrinal K-1 Book Chapter</p> <p>Seema Redekar-1 Book</p> <p><b>2024-25</b> Dr. Poornima published book chapter</p>
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3.2	<b>To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/startup Activities</b>	E – Cell is functional	MHRD – Institute Innovation Cell initiated.	MHRD – Institute Innovation Cell initiated.	MHRD – Institute Innovation Cell initiated.	MHRD – Institute Innovation Cell initiated.	MHRD – Institute Innovation Cell initiated and functioning	MHRD – Institute Innovation Cell initiated and functioning	Implemented at college level.
3.3	<b>Partnership between industry/ reputed organizations/</b>	Excellent Partnerships established	Excellent Partnerships established	Excellent Partnerships established	Excellent Partnerships established	Excellent Partnerships established		Excellent Partnerships established	The Department Advisory Board consists of Industry experts, Academic experts and Alumni. We maintain Excellent relationships with industry / other educational institutes/ Universities.

	Internships	41	53	34	45	42	83	13(Internal)+26(External)+16*(SDP)	<p>Completed industry internships by students and 34 students completed internal internships in 2020-21. 45 students completed in 2021-22.</p> <p><b>2022-23</b> 42 students completed internship-25 students completed external internship and 17 students completed internal internship</p> <p><b>2023-24:</b> 83 students completed internship-33 students completed external internship and 50 students completed internal internship</p> <p><b>2024-25:</b> 39 students completed internship-13 students completed external internship and 26</p>
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									students completed internal internship
	Consultancy work	Rs.40.000/- (2 projects)	7,500 /-	37,50 0/-	--	10,000/-	--	45000/-	<b>2018-2019</b> 1.Completed “Text extraction from Scanned Documents with Simpicate Creations Private Ltd.” 2. Completed “E-commerce Website Data Scrapping with Simpicate Creations Private Ltd.” <b>2019-20</b> 3.Completed Document gathering app from Ellipsis. 4. Completed “ Mobile App Development” from Ezytek (Rs. 30,000/-) <b>2022-23</b> “Completed consultancy project titled “Packaging Material Testing Data Management System” for

									<p>School of Packaging and received consultancy amount of Rs.10,000/-</p> <p><b>2024-25:</b></p> <p>Completed Consultancy project with Welnia Foods Pvt Ltd for developing web application for Menu Cards</p>
	Industry projects	5	1	2	1	—	01	00	<p><b>2018-19:</b></p> <p>1. Web Analytics in Lab Systems.Mr.BirenArora- TE IT)</p> <p>2. Image Analysis in Lab Systems.(Mr.Abhirup K- TE IT)</p> <p>3. Ellipsis Health Companion, Ellipsis research and business solutions Pvt.Ltd.(Mr.Venkatesh-BE IT)</p> <p>4. Blockchain and Cryptocurrency Analysis (Mr.VinayVishwanath, AVP, Lab Systems.</p>

									<p>5. D modulation and simulation of nuclear reactor plant (Mr.Dinesh K. Maurya, Scientific Officer , BARC)</p> <p><b>2019-20:</b> Implemented the Landing Page Website project for the Lab systems(Adwait, Ritvij, Yash, Akshay-TE IT).</p> <p><b>2020-21:</b> Completed the consultancy project “Document Gathering App” for Ellipsis RBS, Mumbai and “Mobile App for Mutual funds” project forEzytekPvt. Ltd.</p> <p><b>2023-24:</b> <b>GST Logistics Pvt Ltd:</b> Ms. Leena L along with Asmi, Swati, Madhurya, Bhoomi have developed a logistics web application.</p> <p><b>2024-25:NIL</b></p>
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	MOU	5	5	5	4	2	3	01	<p>1. Information Technology Department has signed MoU with Emtron Technologies Pvt. Ltd on 17/2/2018.</p> <p>2. Information Technology Department has signed MoU with Lab System (I)Pvt. Ltd- Pioneer in Digital Forensics in India, Mumbai on Apr 20, 2018.</p> <p>3. Information Technology Department has signed MoU with IoT Pro in 2017</p> <p>4. Information Technology Department has signed MoU with RidenetTechnology (I)Pvt. Ltd- 2021.</p> <p>5.Regional Telecom Training Centre, BSNL, Chinchwad , Pune in 2020</p> <p><b>2022-23</b></p>
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									<p>1. Information Technology Department has renewed MoU with RidenetTechnology (I)Pvt.Ltd.</p> <p>2. Information Technology Department has renewed MoU with Lab System (I)Pvt. Ltd- Pioneer in Digital Forensics in India, Mumbai.</p> <p><b>2023-24</b> Information Technology Department has signed MoU with</p> <ol style="list-style-type: none"> <li>1. Techpaathshala, Vikroli, Mumbai - Feb 2024</li> <li>2. Technojack Infosolutions, Mumbai – Feb 2024</li> <li>3. Nucleospace Private Ltd, Thane, Mumbai</li> </ol> <p><b>2024-25</b> 1.Information Technology Department has signed MoU with</p>
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									Welnia foods private Ltd.-Nov2024
	Expert session/seminars	18	11	11	22	23	29	25	Organised expert sessions to enrich the curriculum for the respective subjects.
	Short term courses	2	3	Nil	3	4	3		<p>Student development Programs conducted on various advance technologies such as Machine learning in R and Python, CCNA certification.</p> <p>Conducted workshop on cyber security and Ethical hacking on Dec 11, 2021.</p> <p>Conducted workshop on Latex Report Writing on March 23rd, 2022.</p> <p>Conducted workshop on Flutter on June 30th, 2022.</p> <p><b>2022-23</b></p>

									<p>Conducted Student Development program on Full Stack Development, Network Management, Programming Database and Soft Skill, Dev-Ops.</p> <p><b>2023-24</b></p> <p>Conducted Student Development program on Deep Learning, Software Engineering and Devops, Programming Database and Soft Skill.</p> <p><b>2024-25:</b></p> <p>The Department has conducted Value Added Course on “Machine Learning with Real World Applications”, from June 23-27, 2025.</p>
	Value-added courses	2	3	1	1	4	3	3	<p><b>2021-22.</b></p> <p>2 Programs were conducted in 2018-19 on Machine learning</p>

									<p>with R and Machine Learning with Python and 3 Programs were conducted in 2019-20 on CCNA, Skill development and Data mining and analytics, 1 Program conducted in Network security and Management in 2020-21. 1 Program conducted on Full Stack Web Development in 2021-22.</p> <p><b>2022-23</b></p> <p>2 SDP were conducted in SH-22 on topics “Full stack web development” and “Network Management and Security”</p> <p>2 SDP were conducted in FH-23 on topics “Programming, Database Management and Soft Skills” and “Software Engineering and Advanced Devops”</p>
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									<p><b>2023-24</b></p> <p>2 SDP were conducted in SH-23 on topics “Programming, Database Management and Soft Skills” and “Software Engineering and Advanced Devops”</p> <p>SDP was conducted in FH 24 on topic “Deep learning”</p> <p><b>2024-25:</b></p> <p>The Department has conducted Value Added Course on “Machine Learning with Real World Applications”, from June 23-27, 2025.</p> <p>Three VACs conducted in Jan 2025.</p> <p>1. Full-Stack Web Development with JavaScript</p>
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									2. Modern Frontend Development with React and TypeScript 3. Mobile App Development with React Native and Backend Integration
	Training program for faculty	4	2	4	2 <a href="#">STTP-2021-22</a>	1 <a href="#">STTP REPORT FH23</a>	2 <a href="#">Event Report STTP NEP2020 (1).docx</a>  <a href="#">fdp-AI tools-Feb2024-signed.pdf</a>	1 <a href="#">2024_GEN AI STTP Report 1.pdf</a>	<b>2020-21:</b> 1.Organized ISTE Approved ONE WEEK STTP On “Recent Trends in Wireless Technologies” from 18/1/2021 to 23/1/2021. 2. Organized Orientation program on behalf of University of Mumbai for “Computer Organization & Architecture” and “Microprocessor Lab” of Semester IV on 10/2/2021 3. Organized seminar on "Data Visualization using Tableau”

								<p>by Ms.Varsha Mali, Data Scientist, Great Learning on 24/10/2020.</p> <p>4. Organized seminar on “Evolution of Software development processes” by Mr.NareshPradhan, Tata Consultancy Services on 12/12/2020.</p> <p><b>2019-20:</b> One-week STTP organized by the department on “DevOps and R Programming” , organized an Orientation Program on “DevOps Lab” on 4th Jan 2020 at SIES GST,</p> <p><b>2018-19:</b> 1.Faculty Development Program was conducted on “Virtualization Overview- VmwareVsphere 6.x” on August 14, 2018 by Mr. Imran Motani</p>
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									<p>from Anunta Technology Management Services Ltd, Mumbai.</p> <p>2.Organized one week AICTE-ISTE approved Self-Financed Short term training program on “Computer Networks and Security” from 15/11/2018 to 22/11/2018.</p> <p>3.A Seminar on “Healthy Minds” was organized on 18 February 2019. Mr.Shriram Atri.</p> <p>4. Faculty Development Program on “GEOInformatics and Related Open Source” was conducted on Jan10-Jan 12,2019.</p> <p><b>2021-22</b></p> <p>1. IT department has organized a Faculty development Program on "Administration of Mongo DB and Overview of AWS" by</p>
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									<p>Mr.SreejithSreedharan, Sr. Software Engineer, Oracle on 9th October 2021.</p> <p>2.Organized one week AICTE-ISTE approved Self-Financed Short term training program on “Data science and visualization tools” from 6/12/2021 to 11/12/2021.</p> <p><b>2022-23</b></p> <p>1.. ISTE Approved ONE WEEK STTP On “AR/VR from 19/6/23 to 24/6/23</p> <p><b>2023-24</b></p> <p>1. ISTE Approved one week STTP ON NEP 2020 and Autonomy in HEI from 18/12/23 to 23/12/23.</p> <p>2. FDP on AI Tools on 24th FEB 2024.</p> <p><b>2024-25</b></p>
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									Organised ISTE approved STTP on Gen AI from 9 <sup>th</sup> DEc 2024 to 14 <sup>th</sup> Dec 2024.
	Training by faculty	5	2	5	4 <a href="#">WT and Sensor Lab Orientation Report.pdf</a>	2	--		<b>2024-25: NIL</b>  <b>2021-22</b> 1.Dr. K. Lakshmisudha ,Prof.Seema R and Prof.StutiAhuja had conducted Faculty Orientation program on “Wireless Technology & Sensor Lab” organized by Department of Information Technology, SIES GST in association with University of Mumbai on 7th January 2022. 2.Prof.LeenaLadge was resource person for Faculty Orientation program for the course “Computer Organization Architecture” (ECCDLO6012)-

									<p>THIRD YEAR- SEM VI organized by A C Patilcollege of Engineering.</p> <p><b>2020-21:</b> Dr.K.Lakshmisudha, Ms.Mrinal conducted Faculty orientation in July2020 and Ms.LeenaLadge, Ms.Bushra S conducted faculty orientation in February 2021 on behalf of University of Mumbai. Ms.MrinalKhadse has conducted session in ISTE approved STTP on “Recent Trends in Wireless Technologies” from 18th Jan 2021 to 23rdJan 2021.</p> <p><b>2019-20:</b> 1.Prof. Leena V. Ladge conducted session in STTP on Internet of Things, at Terna Engineering College, Nerul on Jan 02, 2020. 2. Prof. Lakshmisudha has Conducted Webinar on "How to</p>
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									<p>measure attainment of Program Outcome (PO) and Course Outcome (CO) from NAAC perspective"on May 15, 2020 for faculty and Principals of SIESNerul and Sion college.</p> <p><b>2018-19:</b></p> <p>1.Dr. Vijay Katkarand Prof.Varsha Mali conducted session as a subject Expert Speaker for FDP on “Deep Learning using Python” from 19/12/2018 to 21/12/2018 at S. N. Patel Institute of Technology, UmrakhBardoli, and Gujarat(19th -21st Dec.2018)</p> <p>3. Prof. LeenaLadge has conducted orientation for IT faculty for the MEP &amp; IOT mini project Lab at VIT, Mumbai on July 05, 2018.</p>
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									<p>4. Prof. Lakshmisudha was also Resource person for one day on November 15 for AICTE-ISTE approved 6 days workshops on ‘Computer Network and Security’ organized by Department of IT from November 15-22, 2018, at SIESGST, Nerul.</p> <p>5. Prof. Lakshmisudha was Guest speaker for faculty orientation program for the revised syllabus 2016 SE IT CBCGS organized By Terna Engineering College.</p> <p><b>2022-23</b></p> <p>Prof. Leena Ladge was Invited as a Resource Person for Faculty Orientation Programme (Online mode) of SEM-VI(IoT) for Subject RFID and Microcontrollers (IOTC602) and RFID and Microcontrollers Lab (IOTL602) on January 16th, 2023</p>
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									<p>Revised Syllabus of TE-IoT Sem-VI Rev-2019 'C' Scheme organized at Terna Engineering College on January 16, 2023.</p> <p>2.Dr. Lakshmi Sudha Kondaka conducted a hands-on session on MOOCs and copyright on Friday (24/2/2023) for all IT faculties</p>
	Industry labs	Nil	Nil	Nil	Nil	Nil	Nil		<p>Industry lab is not available in the academic year 2018-19 , 2019-20 , 2020-21 and 2021-22, 2022-23, 2023-24, 2024-25</p>

Goal 4	To strengthen alumni engagement and enhance the student experience
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S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
4.1	No. of students enroll for Certification/Diploma courses	41	62	27	66	55	112	79	<b>2018-19:</b> 13 students enrolled for Machine learning with R and 28 for Machine learning with Python. <b>2019-20:</b> 20 students enrolled for Skill development,

									31 enrolled for Data mining and analytics and 11 for CCNA <b>2020-21:</b> 27 Students enrolled for Network Management and security Course. <b>2021-22:</b> 66 <b>2022-23:</b> 22students enrolled forNetwork Management and security Course, 14 students on Full stack web development course ,12 students
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									enrolled on Skill development course ,07 students enrolled on Software engineering with Advanced DevOps 2023-24 Programming Database & soft skills , 15 students enrolled, Software engineering & advanced Devops, 28 students enrolled, For Deep learning,69 students enrolled.
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									2024-25: students enrolment list <a href="#">STUDENTSa</a> <a href="#">CHIVEMETS</a> <a href="#">xlsx</a>
4.2	Facilities for recreation, and sports on campus	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Provided at college level.
4.3	No. of student participation in extracurricular activities	15	10	18	22	29	29	30	Students participated in National Level project competition, SIH, Idea presentation, Hackathon, Avishkar , Workshops, SDP's, Conferences(p aper presentation) etc.



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									2024-25: Vaishnavi and 1.Shravani from TE IT won 1st place in the Blockchain track of Research Paper Competition 2024, organized by CSI-VSIT on Aug 3rd. 2.Arnav Mandlik from TE IT and Hamza from SE IT won frist prize at Chakravyuha CTF - a 48 hrs CTF competition organised by
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									<p>L.T. College of engineering on 21- 23rd February 2025.</p> <p>3. Suhail Khan,Iliyas ,Arnab Samant from BE IT participated in NATIONAL-LEVEL-PROJECT COMPETITION</p> <p>“ELECTROWIZ '25” held on 28th March 2025</p> <p>CERTIFICATE OF Mr.Devang Mulye, Mr. Aditya and Ms Parakh , won 1st position in ByteCamp’23 with cash prize of 20,000/- for</p>
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									<p>the project titled 'Trip Recommendation System' .-3</p> <p>Mr.Shubham ,Mr.Dhiraj and Ms.Kruti from TE IT won first prize in "IDEATION-2022 " on 30/9/2022 organized by SIESGST. -3</p> <p>Mr.Pravin ,Mr.Aniket ,Mr.Dhairya and Mr.Shubham Sankpal from TE IT secured first prize in Project</p>
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									<p>Competition on 30/9/2022, Organized by IT Department,SI ESGST. -4</p> <p>Ms.Perna ,Ms. Shivani, Mr. Hariom ,Ms.Zeenia, Mr. Parth from SE IT secured first prize in Project Competition Organized on 30/9/2022 ,by IT Department,SI ESGST. -4</p> <p>Mr. Shrinivas ,Mr. Lakashmanan and Mr. Pranav</p>
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									<p>from BE IT secured first prize in Project Competition Organized on 30/9/2022 ,by IT Department, SIESGST. -3</p> <p>Mr.Ankur Rai and Mr.Shreyas kadam from TE IT secured Third prize in “IDEATION-2022 “ on 30/9/2022 organized by SIESGST-2 Mr.Aman ,Mr.Rafe ,Mr.Sahil Shaikh from TE IT secured</p>
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									<p>first runner up in Project Competition Organized by on 30/9/2022, by IT Department, SI ESGST . -3</p> <p>Ms. Swaranjali, Ms. Gauri, Ms. Mahitha, Ms. Sai Pavani from BE IT secured first runner up in Project Competition Organized on 30/9/2022 ,by IT Department, SIESGST. 4</p>
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	No of program organized by the institute	Inter department events-4	Inter department events-4	Inter department events-5 Intra department events-1	Inter department events-7 Intra department events-2	Inter department events-6 Intra department events-1	Inter department events-8 Intra department events-1	Inter department events-10 Intra department events-02	<b>2024-25</b> IETE Students' Forum of SIES Graduate School of Technology has organized following activities: <b>1.</b> Deconstructin g the Startup Journey <b>2.</b> Outreach Program <b>3.</b> Web Application Security <b>4.</b> FE Induction
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									5. Drona Aviation Seminar 6. IDEATION '24 7. Entrepreneurs hip and Innovation as Career Opportunity 8. Career Guidance and Profile Building Seminar 9. Master Edge
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									<p>Computing workshop-1</p> <p>10. TechXter 14.0</p> <p>11. ProjeXions 6.0</p> <p>12. Master Edge Computing - II</p> <p><b>2023-24</b></p> <p>IETE Students' Forum of SIES Graduate School of Technology has organized following activities:</p>
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									1.FE Induction 2.Angel Investment and VC Funding for early startups 3.Start your own career with 7 digits salary by IMS International 4.Outreach Program 5.Ideation 6.ReactJs Workshop 7.TechXter 13.0 8.Seminar on Higher Studies by Admit
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									<p>Abroad Vidyalankar 9. Projexions</p> <p><b>2022-23</b> IETE Students' Forum of SIES Graduate School of Technology has organized following activities: 1.A Panel Discussion on Entrepreneursh ip 2. Idea presentation Competition 3. Workshop on Leadership</p>
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									<p>Development 4. PIntroduction to Data Science and Tools 5. Panel Discussion based on Alumni 6. Paper Presentation Competition</p> <p><b>2021-22</b> ETE Students' Forum of SIES Graduate School of Technology has organized Panel Discussion - Entrepreneursh</p>
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									<p>ip Development Workshop on Cybersecurity and Ethical Hacking Seminar on RoadMap to Higher Studies FE Induction - Introduction to IETE and Technical Paper Writing Ideation 22 LaTex Workshop Techxter 11.0 Projexions 4.0 Flutter Workshop</p> <p><b>2020-21:</b> IETE Students' Forum of SIES</p>
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									<p>Graduate School of Technology has organized TECHXTER 10.0, Poster Competition Projexions 3.0, Workshop on “GitHub”, React JS Workshop, Boot Camp on Data Fueling the Future of Mankind., Ideation '20.</p> <p><b>2019-20:</b> IETE Students' Forum of SIES Graduate School of Technology has organized</p>
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									<p>“TECHXTER 9.0”, “Tech Entrepreneurship Talk”, Boot Camp on Design Thinking and Data Science, “Ideation 19-Dream for a cause” <b>2018-19:</b> IETE Students’ Forum of SIES Graduate School of Technology has organized Mind spark, PROJEXIONS', Techxter 8.0, a National Level</p>
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									Technical Paper Presentation, Ideation, BOOT CAMP.
	No of award/ medals won by students	1	2	1	2	17	13		<b>2021-22:</b> Ms.Arfa of BE IT is Winner of Squabble, national-level debate competition organized by IEEE SIESGST, TECHOPEDI A X, in March 2022.  Mr.Aftaab Ahmed Sheikh and Ms.ArfaUpad e of BE IT had

									<p>developed a mobile app for a project titled 'Pothole Mapper for Safer India'' won the 4th prize out of 40 finalists in the Anveshana Zone (mainly teams from Maharashtra &amp; Gujarat state) Project Competition under the guidance of Prof. BushraShaikh, in March 2022.</p> <p><b>2020-21:</b> NithyaKannan Rahul Ganesh and AvantikaPawar</p>
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									<p>students of BEIT won Best paper award on “Generation of New Apparel Designs Using StyleGAN2 ADA”at International E-Conference on “Advances in Information Technology and Research” ICAITR-2021 organised by Vidyalankar Institute of Technology, Wadala, Mumbai, on May 31-June 1, 2021.</p> <p><b>2022-23:</b></p>
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									<p>Mr.DevangMulye, Mr. Aditya and Ms Parakh , won 1st position in ByteCamp'23 with cash prize of 20,000/- for the project titled 'Trip Recommendation System' .-3</p> <p>Mr.Shubham ,Mr.Dhiraj and Ms.Kruti from TE IT won first prize in "IDEATION-2022 " on 30/9/2022 organized by SIESGST. -3</p>
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									<p>Mr.Pravin ,Mr.Aniket ,Mr.Dhairya and Mr.ShubhamS ankpal from TE IT secured first prize in Project Competition on 30/9/2022, Organized by IT Department,SI ESGST. -4</p> <p>Ms.Perna ,Ms. Shivani, Mr. Hariom ,Ms.Zeenia, Mr. Parth from SE IT secured first prize in Project Competition Organized on</p>
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									<p>30/9/2022 ,by IT Department,SI ESGST. -4</p> <p>Mr. Shrinivas ,Mr. Lakashmanan and Mr. Pranav from BE IT secured first prize in Project Competition Organized on 30/9/2022 ,by IT Department, SIESGST. -3</p> <p><b>2023-24</b> Hariom Shukla won 2nd prize in Cognition 23', Participated in:</p>
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									Smart India Hackathon, KAVACH Hackathon, 56th Youth Fest (Group Skit), Completed a value added course in SDP on Data Visualization for Data Science. Kunal Kumbhare and team won first prize in Cognition 2023. Prajwal Waghmode and Team Won 1st prize in Cognition 23'.
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									Apoorva Saxena and Team Won 1st prize in Cognition 23'.
4.4	No of activities undertaken	10	6	10	22	23	29		Various activities like expert talks, workshops are undertaken to strengthen alumni engagement and enhance the student experience.
	Awards and Recognition to students	1.	2	1	2	1	4	2	<b>2024-25 details:</b> 1.Akash Konar from SE IT secured 3rd prize in the XR hackathon for the tourism

									<p>track organized by K.J.Somaiya 2. Arnav Mandlik from TE IT and Hamza from SE IT won first prize at Chakravyuha CTF - a 48 hrs CTF competition organised by L.T. College of engineering on 21- 23rd February 2025. Mr.DevangMu lye, Mr. Aditya and Ms Parakh, won 1st position in ByteCamp'23 with cash prize of 20,000/- for</p>
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									<p>the project titled 'Trip Recommendation System'</p> <p>NithyaKannan Rahul Ganesh and AvantikaPawar students of BEIT won Best paper award on "Generation of New Apparel Designs Using StyleGAN2 ADA"at International E-Conference on "Advances in Information Technology and Research" ICAITR-2021 organised by</p>
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									<p>Vidyalankar Institute of Technology, Wadala, Mumbai, on May 31-June 1, 2021</p> <p><b>2023-24</b></p> <p>Kunal Kumbhare and team won first prize in Cognition 2023.</p> <p>Prajwal Waghmode and Team Won 1st prize in Cognition 23'.</p> <p>Apoorva Saxena and Team Won 1st prize in Cognition 23'.</p>
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4.5	Percentage of student placed	57%	55%	65%	85%	79%	86%	53%*	42 placed out of 76 in 2019-20 51 placed out of 78 in 2020-21. 86% students placed in 2021-22 79% students placed in 2022-23 49 out of 57 students placed i.e 86% of placement in 2023-24 27 out of 51 students placed i.e 53% in 2024-25
	Maximum salary	Rs. 5.5 LPA	Rs. 7 LPA	Rs. 27 LPA	10 LPA	8.5LPA	10.5LPA	6 LPA	Paysense offered 7 LPA in 2019-20 and

									JTP offered 27 LPA in 2020-21. Connect wise offered 10 LPA in 2021-22 BrightBlu India Offered 8.5 LPA in 2022-23 Nvent offered 10.5 LPA in 2023-24 Ingram Micro offered 6 LPA in 2024-25
	Median Salary	Rs. 3.5 LPA	Rs. 3.5 LPA	Rs. 3.6 LPA	4.5 LPA	5.2 LPA	5LPA	4.68 LPA	

	No of skill development schemes to improve placement	2	3	1	1	1	3	2	<p>To make students Industry ready, Student development Programs deep learning, devops, placement career guidance session and taken students for industry visit</p> <p>LTIMindtree conducted Mock interview for the students of BE 2024, as a part of Campus</p>
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									<p>Engagement Initiative.</p> <p>Career guidance session is conducted for BE students by Department of Information Technology. .NET core workshop is conducted for TE and BE students to meet industry demands</p>
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4.6	No of students pursuing higher studies	10	9	1	2	4	11	18	<p>9 in 2019-20 and 1 in 2020-21 (5 more in Progress) 2 Students got admission in 2021-22 and Many are in process.</p> <p>11 Students got admission in 2022-23 and Many are in process.</p> <p>5 Students got admission in 2023-24 and Many are in process.</p> <p>18 students opted for higher studies. currently 6 students got admission and</p>
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									other are in process
	Initiatives taken to assist students for higher studies	Conducted higher studies awareness seminar for final year students and conducted GATE coaching classes	--	Conducted higher studies awareness seminar for third year students at Institute level	GATE Coaching	Conducted higher studies awareness seminar for third year students at Institute level	Conducted higher studies awareness seminar for final year and third year students at Institute level	Conducted higher studies awareness seminar for final year and third year students at Institute level	Institute level higher studies awareness seminar is conducted and Seminar on TOEFL and GRE by ETS India
4.7	<b>Mentor Mentee interactions</b>	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly <a href="#">2021-22</a>	Conducted Regularly <a href="#">2022-23</a>	Conducted Regularly <a href="#">2023-24</a>	<a href="#">2024-25</a> Conducted Regularly	Every assigned mentor interacts with the mentee at least once in a month to know the status of students' activities, and to discuss their problems.

<b>4.8</b>	<b>Online student portal for academic and non-academic activities</b>	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Admission portal, Session plan	Implemented at college level
<b>4.9</b>	<b>Professional Counseling and emergency medical service to the students on campus</b>	Provided	Provided	Provided	Provided	Provided	Provided	Provided	Professional counsellor is available in the campus to counsell students. Also provides emergency medical services.
<b>4.10</b>	<b>Promote alumni networking with students</b>	Conducted Regularly	Conducted Regularly	Not Conducted	–	Conducted	Conducted	Conducted	2022-23 Due to pandemic Alumni interaction could not be conducted at college level.

									<p>However department have a practice to arrange expert talks from alumni working in industry Alumni interaction was conducted for students on 4th January 2019. Alumni interaction was conducted for students on 6th January 2020. Alumni interaction was conducted for students on 9th July 2022. Alumni interaction was conducted for</p>
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									<p>students on 29<sup>th</sup> January 2023.</p> <p>Alumni interaction was conducted for students on 2<sup>nd</sup> March 2024</p> <p>Alumni interaction was conducted for alumni on 18th January 2025.</p>
	Alumni association and measures to enhance members	Alumni association exists and following are the measures taken:	Alumni association exists and following are the measures taken:	Alumni association exists and following are the measures taken:	Alumni association exists and following are the measures taken	Alumni association exists and following are the measures taken	Alumni contribution as training, interaction, judging etc. <a href="#">Activity List</a>	Alumni contribution as training, interaction, judging etc. <a href="#">alumni activity.xls</a> <a href="#">x</a>	Following Alumni are involved in the Department Advisory Board for Academic year 2018-19 and 2019-20,



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									2020-21 , 2021-22,2022- 23 and 2023-24, 2024-25 Mr. Vinay Vish wanath (VP, Lab Systems, Mumbai, 2011 batch) Mr. Karan Kapoor, (Business Development Associate, Autonxt Automation 2015 Batch) Mr. Sandeep Termekar, VP, UBS 2009 Batch
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	Alumni contribution	Alumni contribution as training, interaction, judging, monetary, etc.	Alumni contribution as training, interaction, judging, monetary, etc.	Alumni contribution as training, interaction, judging, monetary, etc.	Alumni contribution as training, interaction, judging, monetary, etc.	Alumni Interaction sessions organized by IT department on 9/7/2022.  Mr. Vinay Viswanath of 2011 pass out Associate Vice President, Lab systems has conducted session on “Entrepreneurship guidance” in Alumni Interaction sessions organized by IT department on 9/7/2022.	Alumni contribution as training, interaction, judging, monetary, etc.  <a href="#">Activity List</a>	Alumni contribution as training, interaction, judging etc.  <a href="#">alumni activity.xls</a> <a href="#">x</a>	Ms. Sonia Koneti, Business Analyst, Suryoday - The Small Finance Bank, Ms. Prajakta HariharZaavde, LTI - Associate Software Engineer were judges for event Ideation in December 2020. Alumni Ritu Desai and Subramni were judges for event Ideation in March 2019. Alumni Vishal ubey, Karan Kapoor and
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						<p>Rishi Iyer , Founder-Demac loid, CPO-Assurekit, Karan Kapoor, Co-Founder Sigmaflux, Shivam Limaye, Co-owner Foote invited a judge in panel discussion on 13/9/22</p>			<p>ShivamLimaye were judges for event Ideation in October 2021. Expert talk is conducted by many alumni for academic Year 2018-19, 2019-20 , 2020-21 and 2021-22</p> <p>Expert talk is conducted by many alumni for academic Year 23-24</p> <p>Expert talk is conducted by many alumni for academic 2024-25</p>
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## Goal 5

To enhance contribution towards society and the environment

S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
5.1	Number of students opting for the elective courses that address gender bias, environment and sustainability issues	NIL	03	NIL	15	EVS: 50	EVM = 58	EVM: 56	In 2018-19: no subject courses that address gender bias, environment and sustainability issues have been selected In 2019-20: BE students have selected environment management as elective subject that address environment



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									and sustainability issues. In 2020-21:,BE students have selected environment management as elective subject that address environment and sustainability issues. In 2021-22:,BE students have selected environment management as elective subject that address environment and sustainability issues.
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									In 2022-23, BE students have selected environment management as elective subject that address environment and sustainability issues. In 2023-24, BE students have selected environment management as elective subject that address environment and sustainability issues.
5.2	Number of projects	3	2	5	4	In 2022-2023 five projects were	In 2023-2024 six projects were developed to	In 2024-2025 seven projects were developed	In 2020-2021: five projects



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	relevant to society to provide solutions					developed to provide solutions to society.	provide solutions to society.	to provide solutions to society	were developed to provide solutions to society. In 2021-2022: four projects were developed to provide solutions to society. In 2022-2023 five projects were developed to provide solutions to society. In 2023-2024 six projects were developed to provide solutions to society.  In 2024-2025 seven projects were developed
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									to provide solutions to society
<b>5.3</b>	<b>Number of green campus initiatives &amp; waste management.</b>	Enter Number	Enter Number	Enter Number	Enter Number	Enter Number	Enter Number	Implemented at college level.	Implemented at college level.
<b>5.4</b>	<b>Number social initiatives contributing towards local community</b>	Enter Number	Enter Number	Enter Number	Enter Number	Enter Number	Enter Number	Implemented at college level through NSS activities	Implemented at college level.
<b>5.5</b>	<b>Measures to improve waste disposal and</b>	Enter the various measures taken:	Enter the various measures taken:	Enter the various measures taken:	Enter the various measures taken:	Enter the various measures taken:	Enter the various measures taken:	Implemented at college level.	Implemented at college level.

e-waste collection									
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## Goal 6

To initiate new courses at UG and PG level

S. No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
6.1	<b>Complete accreditation process</b>	NAAC Accreditation Process completed with B++	NBA Accreditation to be completed	NBA Accreditation completed and got accredited for three years. NAAC Accreditation to be completed	PG (Information Security) started in the year 2021-22.	PG (Information Security) started in the year 2021-22.	PG (Information Security) started in the year 2021-22.	PG (Information Security) started in the year 2021-22.	Two PG Courses and Three UG courses were added from year 2021-22.

## Goal 7

To formulate development plans to improve the overall quality of the Institute

S.No	Strategic Objectives	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
7.1	<b>Participate in NIRF, ARIIA, MHRD</b>	Participated	Participated	Participated	Participated	Participated	Participated	Participated	At college level
7.2	<b>IQAC Meetings</b>	Enter Number of meetings	Enter Number of meetings	Enter Number of meetings	Enter Number of meetings	Enter Number of meetings	04	04	At college level

7.3	<b>Add / Update the organizational standard operating processes</b>	Enter if addition / updation of SOPs were made	Enter if addition / updation of SOPs were made	Enter if addition / updation of SOPs were made	Enter if addition / updation of SOPs were made	Enter if addition / updation of SOPs were made	Enter if addition / updation of SOPs were made	SOPs were made	At college level
7.4	<b>Internal and External audits</b>	External Audit-1 Internal Audits-2	External Audit-1	External Audit-1 Internal Audit-1	External Audit-1 <a href="#">External Audit Report SH2021.pdf</a>	External Audit-1 <a href="#">External Audit Report</a> Internal Audit-1	<a href="#">External Audit-1</a> Internal Audit-1	<a href="#">External Audit-1</a> Internal Audit-2	<b>2023-24 External Audit</b> is conducted for SH2023 and FH2023 by Dr. M. Chandane on 25 Jan 2024. <b>Internal Audit</b> was conducted for FH 2023 on 12/08/2023 by Dr. Nehete and Ms. Smitha kumar

									SH2023 on 13/12/2023 by Dr. Pradip and Dr. Rizwana <b>2022-23</b> External Academic audit conducted for SH2022 and FH2022 by Dr. M.M. Chandane on 09/02/2023. Internal Audit was conducted for SH2022 and FH 2022 on 27/03/2023 by Dr.Aparna B.and Dr.Varsha Patil.
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									<b>2021-22</b> External Academic audit conducted for SH2021 and FH 2020 by Dr. M.M. Chandane on 15/01/22. Internal Audit was conducted for SH20 and FH 2021 on 7/10/2021 by Dr. Deepti Reddy. External Academic audit conducted for FH2020 and SH 2020 by Dr. M.M.
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									Chandane on 12/01/21. External audit conducted on 17/6/2019 for SH 2018, FH 2019 and SH 2019 by Dr. Sachin Bojewar. Internal Audits were conducted on December 1, 2018 by Prof. Sumitra P and July 4, 2019 by Dr.Manasi K
7.5	Participatio n of staff in training programme s	19	57	119	21 <a href="#">Annual Report IT dept_website_2021 -22_updated.docx</a>	40 <a href="#">Annual Report IT 2022-23</a>	32 <a href="#">IT Annual Report 2023-24 updated.do c</a>		Department is maintaining an annual report

									containing detailed information.
7.6	<b>Organization of STTPs/ FDPs/ training within Institute</b>	4	2	STTP -1 FDP-3	STTP- 1 FDP-1 <a href="#">STTP-2021-22</a>	STTP-1 SDP- 1  ISTE Approved ONE WEEK STTP On “AR/VR” on 19/6/23 -24/6/23  <a href="#">STTP REPORT FH23</a>	STTP-1 SDP- 1  <a href="#">Event Report STTP NEP2020 (1).docx</a>  <a href="#">fdp-AI tools-Feb202 4-signed.pdf</a>	STTP-1 SDP- 1	<b>I</b> n 2020-21 following training program organised FDP on "Data Visualization using Tableau" on 24/10/2020  Faculty Development Program on “Software Development Processes” on 12/12/2020

									<p>ISTE Approved ONE WEEK STTP On “Recent Trends in Wireless Technologies ” on 18/01/2021 -23/01/2021</p> <p>Orientation of COA on 10/02/2021</p> <p>ONE WEEK STTP On “Data Science and Use of Visualization Tools" from 06/12/2021 to 11/12/2021.</p>
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									<p>Faculty development Program on "Administration of MongoDB and Overview of AWS" on 09/10/2021.</p> <p>Faculty Orientation Programme of Wireless Technology &amp; Sensor Lab(R-19)-SEM VI</p> <p>Online Workshop on Do's and Don'ts on Research Writing &amp;</p>
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									Technical Publication-on n 6th,13th, 19th, 27th February 2022 <b>2023-23</b> 1. ISTE Approved one week STTP ON NEP 2020 and Autonomy in HEI from 18/12/23 to 23/12/23 2. Conducted FDP on AI tools on 24 <sup>th</sup> Feb 2024
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7.7	Strengthening library & Increasing learning resources	List the measures taken	List the measures taken	List the measures taken	List the measures taken	List the measures taken	List the measures taken	At college level	At college level
7.8	Maintenance of Infrastructure	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.9	Regular updation of new lab equipment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.10	Development of new infrastructure	No	No	No	No	No	Yes	Yes	At college level
7.11	No of faculty	1	1	1	1	1	03	03	

	acquiring PhD								
7.12	Awards and Recognition s to Institute	Nil	Nil	Nil	Nil	Nil	01	Nil	
7.13	Awards and Recognition to faculty		1	2	1	1	–		Dr.Lakshmisudha has been selected as Moderation committee member for CE/IT Result of University of Mumbai.(SH 2021 , FH 2021 and FH 2022). Dr.Lakshmisudha has been selected as

									<p>Moderation committee member for CE/IT Result of University of Mumbai.(SH 2020 and FH 2020)</p> <p>2. Ms.Leena Lad geis an executive member of IETE Navi Mumbai centre. 2022-23</p> <p>Prof. Seema Redekar secured second rank in Avishkar Research Convention</p>
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									in December 2022.
7.14	Stakeholder feedback mechanism	Yes	Yes	Yes	Yes	Yes	Yes	Yes	At college level
7.15	Green Initiatives taken & Policies for same	Yes	Yes	Yes	Yes	Yes	Yes	Yes	At college level

Goal No	Description	Remarks:
1	To enrich Curriculum	We are organizing Student development programs at department level also conducted value added courses. We need to focus on Certification programs.
2	To incorporate a digital platform to improve the teaching-learning process	We are using various ICT Tools for effective teaching learning process.

3	<b>To encourage research and consultancy, industry-institute interaction and entrepreneurship activities</b>	<p>To improve the research activities in the department the following objectives were set for 2023-24 at department level.</p> <p>Objective 1: Each department should get at least 2 MOUs with Industry/ Educational Institutes and conduct collaborative activities under all the functional MoUs.</p> <p>Objective 2: At least 90 percentage of Final year students to publish /present papers in Conferences/ Journals/copy right/ patent</p> <p>As per the above objectives following activities are carried out in the department:</p> <ol style="list-style-type: none"> <li>1. BE IT : 21 Groups Conference publications- 14 presented and 07 submitted.</li> <li>2. Prof. Leena Ladge had organized a session "Entrepreneurship and Innovation as Career Opportunity", on Novmber 30, 2024.</li> <li>3. All the faculty members have arranged expert talk/ seminar/ workshop from the Industry expert.</li> </ol>
4	<b>To strengthen alumni engagement and enhance the student experience.</b>	<p>We are conducting regularly alumni interaction sessions for students to improve placements. Also to bridge the gap between industry and curriculum, we have set an objective at department to arrange one expert talk by the faculty from the Alumni in the year 2024-25 and every year arranging</p>

		expert talks/seminars/workshops to bridge the gap between Industry and academics. Involving Alumni for the same.
<b>5</b>	<b>To enhance contribution towards society and the environment</b>	Activities were conducted at college level.
<b>6</b>	<b>To initiate new courses at UG and PG level</b>	One PG course “ME (Information Technology in Information Security)”is introduced in 2021-22 academic year. It is continued in 2024-25.
<b>7</b>	<b>To formulate development plans to improve the overall quality of the Institute</b>	We need to focus on faculty awards and informed the faculty to focus on the same.

## Mechanical Department

### Deployment for AY 2024-25

### Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025

Goal 1	To enrich curriculum						
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S. No	Strategic Objectives	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
1.1	<b>Department Advisory board</b>	One meeting conducted	One meeting conducted	One meeting conducted	One meeting conducted	NA	To be conducted at least once a year.
1.2	Development of Course Objectives and Course outcomes to foster Outcome Based Learning	Done	Done	Done	Done	Done	To be done for every batch at the beginning of the academic year.
1.3	<b>Academic-Activity Calendar</b>	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared in the beginning of every semester.

1.4	<b>To enhance curriculum delivery beyond syllabus activities</b>	Conducted	Conducted	Conducted	Conducted	Conducted	
	Industrial Visits	Nil	03	10	9	8	
	Guest lectures	08	10	11	12	10	
	Internships	77	64	85	90	92	
	Problem-Based Learning	Implemented	Implemented	Implemented	Implemented	Implemented	
	Certificate programs	04	02	02	01	01	
	Student Seminars	10	12	12	12	10	
1.5	<b>To offer industry-oriented certification courses/projects</b>	Offered	Offered	Offered	Offered	Offered	
	MOOCs	30	30	42	31	30	

	Value Added Courses	02	02	02	02	01																																																	
	Industry Projects	04\Groups, 16 Students	04 per Groups, 76 Students	04 per Groups, 48 Students	04 per Groups, 36 Students	04 per Groups, 12 students																																																	
	Expert talks	10	10	11	12	10																																																	
1.6	Innovative teaching methods	Implemented	Implemented	Implemented	Implemented	Implemented	Shall be implemented every academic years based on the course / batch requirements.																																																
1.7	Result Improvement	Compared to 2017-18: 18-19 19-20. +/- SE: 65.39 100 +34.61% TE: 82.89 100 +17.11% BE: 93.82 100 +6.18%	<table><tr><td>Y ea r</td><td>20 -2 1</td><td>21 -2 2</td></tr><tr><td>S E</td><td>10 0</td><td>71. 43</td></tr><tr><td>T E</td><td>10 0</td><td>95. 75</td></tr><tr><td>B E</td><td>10 0</td><td>96. 05</td></tr></table>	Y ea r	20 -2 1	21 -2 2	S E	10 0	71. 43	T E	10 0	95. 75	B E	10 0	96. 05	<table><tr><td>Y ea r</td><td>21 -2 2</td><td>22 -2 3</td></tr><tr><td>S E</td><td>71 .4 3</td><td>21. 57</td></tr><tr><td>T E</td><td>95 .7 5</td><td>63. 77</td></tr><tr><td>B E</td><td>96 .0 5</td><td>96. 92</td></tr></table>	Y ea r	21 -2 2	22 -2 3	S E	71 .4 3	21. 57	T E	95 .7 5	63. 77	B E	96 .0 5	96. 92	<table><tr><td>Y ea r</td><td>2 2 - 2 3</td><td>2 3 - 2 4</td><td>+ /-</td></tr><tr><td>S E</td><td>2 1 . 5 7</td><td>5 1 . 1 6 9</td><td>2 9</td></tr><tr><td>T E</td><td>6 3 . 7 7 9</td><td>7 1 . 7 9</td><td>8 . 0 2</td></tr></table>	Y ea r	2 2 - 2 3	2 3 - 2 4	+ /-	S E	2 1 . 5 7	5 1 . 1 6 9	2 9	T E	6 3 . 7 7 9	7 1 . 7 9	8 . 0 2	<table><tr><td>Y ea r</td><td>2 3 - 2 4</td><td>2 4 - 2 5</td><td>+ /-</td></tr><tr><td>S E</td><td>5 1 . 1 6</td><td></td><td></td></tr><tr><td>T E</td><td>7 1 . 7 9</td><td></td><td></td></tr></table>	Y ea r	2 3 - 2 4	2 4 - 2 5	+ /-	S E	5 1 . 1 6			T E	7 1 . 7 9			
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	Remedial session	Conducted	SE	Conducted	Conducted	Conducted	100																																								
	Extra classes for DSE	Conducted	TE	Conducted	Conducted	Conducted	100																																								
	Preliminary Exam	Not conducted	BE	Conducted	Conducted	Conducted	100																																								
	Additional practice assignment	Conducted	Conducted	Conducted	Conducted	Conducted																																									
	Extra lectures for difficult subjects	Conducted	Conducted	Conducted	Conducted	Conducted																																									
1. 8	Academic Audit	Conducted.	Conducted.	Conducted	Conducted	Conducted	To be conducted at least once a year																																								
	Course file	Yes	Yes	Yes	Yes	Yes																																									
	Faculty file	Yes	Yes	Yes	Yes	Yes																																									
	Feedback	Yes	Yes	Yes	Yes	Yes	Conducted at least twice a year.																																								

## Goal 2

To incorporate a digital platform to improve the teaching-learning process

S. No	Strategic Objectives	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
2.1	To develop innovative teaching, learning, and assessment methods	Developed	Developed	Developed	Developed	Developed	conducted based on the course / batch requirements
	Use ICT for effective teaching with E-Learning resources	Done	Done	Done	Done	Done	
	Development of e-content	Yes	Yes	Yes	Yes	Yes	
	Recording of lectures and making it available digitally	No	No	No	No	No	

2.2	Transparency in continuous evaluation	Yes	Yes	Yes	Yes	Yes	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.
2.3	Attendance Monitoring systems	Yes	Yes	Yes	Yes	Yes	Defaulters' list taken at regular intervals. Typically thrice in a semester.
2.4	Automated library	Library automation consists of:	Library automation consists of:	Library automation consists of:	Library automation consists of:	Library automation consists of:	Centrally made available

### Goal 3

To encourage research and consultancy, industry-institute interaction and entrepreneurship activities

S. No	Strategic Objectives	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
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3.1	To strengthen research activities in the institute	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Activities have been conducted to strengthen research activities.	Also mention any additional activities conducted to strengthen research activities
	Research conference and research symposium /STTP	12	12	14	12	09	
	Sponsorship to faculty to encourage participation in research activities on and off-campus	nil	nil	nil	nil	nil	
	Sponsored research through research proposals	nil	nil	nil	nil	nil	No minor research grants sanctioned by University due to pandemic
	Number of research papers in conferences	09	13	12	2	0	

	<b>Number of research papers in journal</b>	Enter Number of papers in UGC Journals:08 All Journals:12	Enter Number of papers in UGC Journals:04 All Journals:19	Enter Number of papers in UGC Journals:02 All Journals:12	Enter Number of papers in UGC Journals:07 All Journals:13	Enter Number of papers in UGC Journals:11 All Journals:11	
	<b>Books written</b>	02	05	07	07	02	
3.2	<b>To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/startup Activities</b>	E – Cell is functional	E – Cell is functional	E – Cell is functional	E – Cell is functional	E – Cell is functional	
3.3	<b>Partnership between industry/ reputed organizations/</b>	Good partnerships established	Good partnerships established	Good partnerships established	Good partnerships established	Good partnerships established	
	<b>Internships</b>	77	64	79	90	92	

	Consultancy work	---	---	01	01	--	
	Industry projects	08 students industry sponsored projects	08 students industry sponsored projects	10 students industry sponsored projects	09 students industry sponsored projects	12 students industry sponsored projects	
	MOU	00	00	00	02	02	
	Expert session/seminars	07	07	15	13	10	
	Short term courses	01	01	01	01	01	
	Value-added courses	04	04	03	02	01	
	Training program for faculty	01	01	01	01	01	
	Training by faculty	00	00	00	00	00	
	Industry labs	00	00	00	00	00	

#### Goal 4

To strengthen alumni engagement and enhance the student experience



S.No	Strategic Objectives	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
4.1	No. of students enroll for Certification/Diploma courses	71	75	60	58	41	Coursera and NPTEL
4.2	Facilities for recreation, and sports on campus	Provided	Provided	Provided	Provided	Provided	
4.3	No. of student participation in extracurricular activities	21	34	31	32	25	
	No of program organized by the institute	02	02	02	02	02	
	No of award/ medals won by students	01	07	08	05	06	
4.4	No of activities undertaken	05	05	05	04	04	

	Awards and Recognition to students	01	04	08	08	06	Participated in National level event and University level competition
4.5	Percentage of student placed	22%	56%	33%	55% placement still continue	60% placement till date	Because of covid pandemic placement was less in core companies
	Maximum salary	Rs. 6.6 Lac	Rs. 6.6 Lac	8.0 lakhs	8.0 lakhs	5.5 Lakhs	
	Median Salary	Rs. 3 Lac	Rs. 3 Lakh	4 lakh	4 lakh	4 lakh	
	No of skill development schemes to improve placement	4	4	3	3	3	
4.6	No of students pursuing higher studies	7	12	18	19	14	
	Initiatives taken to assist students for higher studies	Given guidance for GATE preparatio	Given guidance for GATE	Given guidance for GATE preparation Invited experts	Given guidance for GATE preparation Invited experts to	Given guidance for GATE preparation Invited experts to guide them for	

		n Invited experts to guide them for higher studies Mentors have done counselling and given LOR to many students	preparation Invited experts to guide them for higher studies Mentors have done counselling and given LOR to many students	to guide them for higher studies Mentors have done counselling and given LOR to many student	guide them for higher studies Mentors have done counselling and given LOR to many student	higher studies Mentors have done counselling and given LOR to many student	
4.7	Mentor Mentee interactions	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	
4.8	Online student portal for academic and non-academic activities	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Developed by students known as Portal Companion	Developed by students known as Portal Companion	
4.9	Professional Counseling and emergency medical	Provided	Provided	Provided	Provided	Provided	

	service to the students on campus						
4.10	Promote alumni networking with students	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	Conducted Regularly	
	Alumni association and measures to enhance members	Alumni association exists and following are the measures taken: Membership drive was conducted by Alumni association	Alumni association exists and following are the measures taken: Membership drive was conducted by Alumni association	Alumni association exists and following are the measures taken: Membership drive was conducted by Alumni association	Alumni association exists and following are the measures taken: Membership drive was conducted by Alumni association	Alumni association exists and following are the measures taken: Membership drive was conducted by Alumni association	

	Alumni contribution	<p>Alumnis are regularly interacting with students and giving seminars on placement, current industrial scenario and technical seminars. They are involved in giving technical training in software like solid works and Ansys etc.</p>	<p>Alumnis are regularly interacting with students and giving seminars on placement, current industrial scenario and technical seminars. They are involved in giving technical training in software like solid works and Ansys etc.</p>	<p>Alumnis are regularly interacting with students and giving seminars on placement, current industrial scenario and technical seminars. They are involved in giving technical training in software like solid works and Ansys etc.</p>	<p>Alumnis are regularly interacting with students and giving seminars on placement, current industrial scenario and technical seminars. Alumni association exists and following are the measures taken: Membership drive was conducted by Alumni association</p>	
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<b>Goal 5</b>	<b>To enhance contribution towards society and the environment</b>
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S.No	Strategic Objectives	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
5.1	Number of students opting for the elective courses that address gender bias, environment and sustainability issues	76	60	64	60	60	
5.2	Number of projects relevant to society to provide solutions	6	10	08	09	08	
5.3	Number of green campus initiatives & waste management.	3	3	4	4	3	
5.4	Number social initiatives contributing towards local community	-01 NSS camp -Under the ISR activities, 1 lakh Mask distributed to NMMC	-01 NSS camp -Under the ISR activities, 1 lakh Mask distributed to NMMC	01 NSS camp -Under the ISR activities, - Underprivileged students were trained for the course	01 NSS camp -Under the ISR activities, - Underprivileged students were trained for the course of A/C	01 NSS camp -Under the ISR activities, - Underprivileged students were trained for the course of A/C	

		- tree plantati on done in the institute	- tree plantatio n done in the institute	of A/C Mechanic, Welder, Carpenter tree plantation done in the institute	Mechanic, Welder, Carpenter tree plantation done in the institute	Mechanic, Welder, Carpenter tree plantation done in the institute	
5.5	Measures to improve waste disposal and e-waste collection	In campus bio compost pits are installed & maintai ned which produce s manure for gardeni ng Plastic bottle collecti on machine is installed in campus	In campus bio compost pits are installed & maintain ed which produce s manure for gardenin g Plastic bottle collectio n machine is installed in	In campus bio compost pits are installed & maintained which produces manure for gardening Plastic bottle collection machine is installed in campus	In campus bio compost pits are installed & maintained which produces manure for gardening Plastic bottle collection machine is installed in campus	In campus bio compost pits are installed & maintained which produces manure for gardening Plastic bottle collection machine is installed in campus	

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## Goal 6

To initiate new courses at UG and PG level

S.No	Strategic Objectives	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
6.1	Complete accreditation process	Got NBA Accreditation till 2024	NAAC Accreditation Process completed with B++, NBA accreditation is complete valid till 2024	NAAC Accreditation Process completed with B++, NBA accreditation is complete valid till 2024	NAAC Accreditation Process completed with A+, NBA accreditation is complete valid till 2024	NAAC Accreditation Process completed with A+	

## Goal 7

To formulate development plans to improve the overall quality of the Institute

S.	Strategic	2020-21	2021-22	2022-23	2023-24	2024-25	Remarks
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N o	Objectives						
7.1	Participate in NIRF, ARIIA, MHRD	Participated	Participated	Participated	Participated	Participated	
7.2	<b>IQAC Meetings</b>	02	04	04	04	04	
7.3	Add / Update the organizational standard operating processes	--	--	--	--	--	
7.4	Internal and External audits	02 internal & 01 external	02 internal & 01 external	02 internal & 01 external	02 internal & 02 external	02 internal & 02 external	
7.5	Participation of staff in training programmes	12	12	13	12	09	
7.6	Organization of STTPs/ FDPs/ training within Institute	02	02	03	03	03	
7.7	Strengthening library & Increasing	List the measures taken	List the measures taken	List the measures taken	List the measures taken	List the measures taken	

	learning resources						
7.8	Maintenance of Infrastructure	Yes	Yes	Yes	Yes	Yes	
7.9	Regular updation of new lab equipment	Yes	Yes	Yes	Yes	Yes	
7.10	Development of new infrastructure	Yes New equipment in lab are added	Yes New equipment in lab are added	Yes New equipment in lab are added	Yes New equipment in lab are added	Yes New equipment in lab are added	Mention the new infrastructure in brief
7.11	No of faculty acquiring PhD	04	02	01	01	01	
7.12	Awards and Recognitions to Institute	NAAC & NBA accreditation	NAAC accreditation	NAAC accreditation	NAAC accreditation	NAAC accreditation	Mention some notable achievements
7.13	Awards and Recognition to faculty	01	01	01	01	00	
7.14	Stakeholder feedback mechanism	Yes	Yes	Yes	Yes	Yes	
7.15	Green Initiatives taken	Yes	Yes	Yes	Yes	Yes	

	& Policies for same						
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**Deployment data for AY 2024-25 of ECS Department. Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025.**

<b>Goal 1</b>	<b>To enrich curriculum</b>
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S. No	Strategic Objectives	2021-22	2022-23	2023-24	2024-25	Remarks
1.1	<b>Department Advisory board</b>	NIL	NIL	NIL	Yes	To be conducted at least once a year. MoM are attached for the reference.
1.2	Development of Course Objectives and Course outcomes to foster Outcome Based Learning	Done for SE Courses	Done for SE, TE Courses	Done for SE, TE,BE Courses	Done for SE, TE,BE Courses	To be done for every batch at the beginning of the academic year.
1.3	<b>Academic-Activity Calendar</b>	Prepared	Prepared	Prepared	Prepared	Prepared in the beginning of every semester.
1.4	<b>To enhance curriculum delivery beyond syllabus activities</b>	NIL	conducted 05 expert talks for students	15	25	ethical hacking, Insights ,cybersecurity, neural networks and GATE seminar

	Industrial Visits	0	1	1	0	Institute level IV
	Guest lectures	3	05	15	25	Guest lectures are targeted to bridge the curriculum gap identified
	Internships	18	16	20	13	Internship opportunities are floated during the semester for which interested students apply for their knowledge enhancement
	Problem-Based Learning	Implemented <a href="#">Problem based learning</a>	Implemented	Implemented	Implemented	Case studies discussion and designing problems to enhance learning experience
	Certificate programs	nil	nil	1	2	Programs based on the skills development relevant to the needs of Industry
	Student Seminars	3	6	1	25	Seminars are conducted on the topic beyond syllabus but closely related to the contents
1.5	To offer industry-oriented certification courses/projects	Offered	-	1	2	
	MOOCs	12	07	3	Nil	Institute Level: Courses offered by institute as NPTEL Study centre,

						Coursera university partner and IIRS Network Institute
	Value Added Courses	Nil	01	1	3	In summer and winter vacations, value added courses are conducted at department level which aims to enhance the programming/coding skills and updates in the technology
	Industry Projects	Nil	Nil	1	2	Student's major projects are based on the problem provided by the industry.
	Expert talks	3	6	15	25	Expert talks are arranged to bring awareness students about cutting edge technologies in the industry various relevant standards used
1.6	Innovative teaching methods	Implemented	Implemented	Implemented	Implemented	Shall be implemented every academic year based on the course / batch requirements.
1.7	Result Improvement	N/A	N/A	N/A	Fair	Substantial improvement is observed in the result for academic year 20-21 and 2021-22
	Remedial session	Conducted	Conducted	Conducted	Conducted	Conducted for the students who score less than 40% marks in UT1 on the topics of UT1 also remedials are conducted for weak students.

	Extra classes for DSE	Conducted	Conducted	Conducted	Conducted	They are planned and conducted during Ganpati vacations and after the regular timetable on daily basis
	Preliminary Exam	Conducted <a href="#">EC_Paper_Prelims.docx</a>	Not Conducted	Not Conducted	Conducted	Shall be conducted based on the course / batch requirements
	Additional practice assignment					
	Extra lectures for difficult subjects					
1.8	Academic Audit	Nil	Yes	1	1	To be conducted at least once a year
	Course file	Nil	Yes	Yes	Yes	Academic audit includes semester wise course file and personal file
	Faculty file	Nil	Yes	Yes	Yes	
	Feedback	2	2	4	4	Students feedback and teaching and learning is conducted at least twice a year.

**Goal 2**

**To incorporate a digital platform to improve the teaching-learning process**

S . N o	Strategic Objectives	2021-22	2022-23	2023-24	2024-25	Remarks
2 . 1	To develop innovative teaching, learning, and assessment methods	Innovative teaching methods were used like Flipped classroom in subject DBMS, DSA, case studies in subjects DBMS and DSA, DSAT were conducted	Innovative teaching methods were used like Flipped classroom in subject linux skill lab, C programming, DWM, AI, STQA, COA, DBMS, DSA, case studies in subjects DBMS and AI were conducted	Innovative teaching methods were used like Flipped classroom in subject ANT, , case studies in subjects Machine learning and mini projects in EC	Innovative teaching methods were used like Flipped classroom in cloud computing, Peer instructions and research Paper presentations in IoT and case studies in Cybersecurity	conducted based on the course / batch requirements
	Use ICT for effective teaching with E-Learning resources	Various ICT tools are used to enhance the teaching-learning process-MS teams, Virtual labs, Presentations, Concept map, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Virtual labs, Presentations, Concept map, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Virtual labs, Presentations, Concept map, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Virtual labs, Presentations, Concept map, various tools, PPT	
	Development of e-content	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	
	Recording of lectures and	Few videos of online lectures were recorded and	Nil	No	No	

	making it available digitally	were made available to students.				
2 . 2	Transparency in continuous evaluation	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.
2 . 3	Attendance Monitoring systems	Yes	Yes	yes	yes	Defaulters' list taken at regular intervals. Typically, thrice in a semester.
2 . 4	Automated library	Yes	Yes	yes	yes	Centrally made available

<b>Goal 3</b>	<b>To encourage research and consultancy, industry-institute interaction and entrepreneurship activities</b>
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S . N o	Strategic Objectives	2021-22	2022-23	2023-24	2024-25	Remarks
3 . 1	To strengthen research activities in the institute	Technical report writing for SE mini-Project	Technical report writing for SE & TE mini-Project	Technical research paper writing for BE students	Technical research paper writing for BE students	Project guide mentored their project groups in writing project report
	Research conference and research symposium /STTP	Nil	Nil	Nil	Nil	Conferences workshop attended/ Mooc Courses completed
	Sponsorship to faculty to encourage participation in research activities on and off-campus	No Sponsorship	No Sponsorship	No Sponsorship	No Sponsorship	

	Sponsored research through research proposals	NA	NA	NA	NA	Minor research grant by university of Mumbai.
	Number of research papers in conferences	Nil	Nil	1	03	
	Number of research papers in journal	Nil	Nil	2	07	
	Books written	Nil	Nil	Nil	Nil	
3 . 2	To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/start-up Activities	Nil	Nil	Nil	Nil	
3 . 3	Partnership between industry/ reputed organizations/	Nil	MoU one signed	2	2 MoU	Project evaluation, Faculty pursuing Ph.D. from



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						institutes of national eminence
	Internships	18	16	20	83	Project based Internships are carried out in the industry or on the technologies used in the industry.
	Consultancy work	Nil	Nil	Nil	2	
	Industry projects	Nil	Nil	1	2	
	MOU	Nil	01	02	2	
	Expert session/seminars	3	6	15	25	
	Short term courses	Nil	Nil	44	12	Workshops conducted by IIT Bombay remote centre for faculty members and by professional body CSI for students.
	Value-added courses	0	01	5	3	

	Training program for faculty	1(Mini Project orientation)	Nil	2	1	Mini Project Orientation was conducted under Mumbai university
	Training by faculty	Nil	Nil	1	3	By Resource being for workshops and FDPs
	Industry labs	NIL	Nil	Nil	Nil	

#### Goal 4

To strengthen alumni engagement and enhance the student experience

S · N o	Strategic Objectives	2021-22	2022-23	2023-24	2024-25	Remarks
4 · 1	No. of students enroll for	13	21	44	17	SDP/Coursera /NPTEL/Udemy

	Certification/Diploma courses					
4 . 2	Facilities for recreation, and sports on campus	Nil	Nil	Nil	Nil	
4 . 3	No. of student participation in extracurricular activities	20	15	32	131	Dance youth festival, OM youth festival, Deep blue,SIH,KJSE Hackathon,
	No of program organized by the institute	Nil	Nil	Nil	Nil	
	No of award/ medals won by students	22	20	16	34	
4 . 4	No of activities undertaken	Nil	Nil	2	3	
	Awards and Recognition to students	48 <a href="#">NAAC 5.3.1 5.3.3.1_21-22.xls</a> <a href="#">x</a>	Nil	16	<a href="#">Annual report 2024-25</a>	

4 . 5	Percentage of student placed	Nil	Nil	31%	46.15%	
	Maximum salary	Nil	Nil	6L	8.9L	
	Median Salary	Nil	Nil	4.5 L	5.0	
	No of skill development schemes to improve placement	Nil	Nil	2	2	
4 . 6	No of students pursuing higher studies	Nil	Nil	13	Nil	
	Initiatives taken to assist students for higher studies	At Institute level	At Institute level	At Institute level	At Institute level	
4 . 7	Mentor Mentee interactions	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	
4 . 8	Online student portal for academic and	Arena for Codeshef SIESGST	Arena for Codeshef SIESGST	Arena for Codeshef SIESGST	Arena for Codeshef SIESGST	

	non-academic activities					
4 . 9	Professional Counselling and emergency medical service to the students on campus	Available	Available	Available	Available	Mentor and class in charges identified students for counselling and provided professional counselling
4 . 1 0	Promote alumni networking with students	Nil	Nil	Nil	Yes	
	Alumni association and measures to enhance members	Nil	Nil	Nil	Yes	
	Alumni contribution	Nil	Nil	Nil	Yes	Expert talk by Alumni

<b>Goal 5</b>	<b>To enhance contribution towards society and the environment</b>
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S . N o	Strategic Objectives	2021-22	2022-23	2023-24	2024-25	Remarks
5 . 1	Number of students opting for the elective courses that address gender bias, environment and sustainability issues	Nil	Nil	1	1	ILO
5 . 2	Number of projects relevant to society to provide solutions	06 for SE Request to maintain separate excel sheet for the title and student name whose projects we are considering. <a href="#">Student Mini Project Details SH 21.xlsx</a>	06 for SE & TE Request to maintain separate excel sheet for the title and student name whose projects we are considering.	08	10	SE Mini project had objective towards providing solution to the societal problems
5 . 3	Number of green campus initiatives & waste management.	-	-	-	-	2018-19 : e-journal submission, car pooling 2019-20 : reduction in use of plastic water

						bottles and tiffin's ,E-documentation
5 . 4	Number social initiatives contributing towards local community	-	-	-	-	
5 . 5	Measures to improve waste disposal and e-waste collection	-	-	-	-	

## Goal 6

To initiate new courses at UG and PG level

S . N o	Strategic Objectives	2021-22	2022-23	2023-24	2024-25	Remarks
6 . 1	Complete accreditation process	Nil	Nil	Nil	Nil	

<b>Goal 7</b>	<b>To formulate development plans to improve the overall quality of the Institute</b>
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S . N o	Strategic Objectives	2021-22	2022-23	2023-24	2024-25	Remarks
7 . 1	Participate in NIRE, ARIIA, MHRD	Nil	Nil	Nil	Nil	
7 . 2	<b>IQAC Meetings</b>	2	2	2	4	
7 . 3	Add / Update the organizational standard operating processes	PI included in QP	PI included in QP	PI included in QP	PI included in QP	Co Mappings for assignment, CO mapping for QP of IA, Rubrics for mini project/Lab/Major project
7 . 4	Internal and External audits	Nil	01	01	01	NBA audit and Academic audit
7 . 5	Participation of staff in training programs	2	3	5	6	Seminars/Workshops /STTP and FDP and NPTEL courses

7 . 6	Organization of STTPs/ FDPs/ training	3	one orientation program	Nil	Nil	AICTE -ISTE approved STTP Expert Session on Awareness of Internship FDP Conducted Mini project 1A orientation for ECS faculty of all colleges on behalf of University of Mumbai) AICTE -ISTE approved STTP Expert Session on Insights in the field of Electronics and Computer Science (ECS)
7 . 7	Strengthening library & Increasing learning resources	Nil	Nil	Nil	Nil	The institute library is available for faculties and students
7 . 8	Maintenance of Infrastructure	Nil	Nil	Nil	Yes	
7 . 9	Regular updating of new lab equipment	Yes	Yes	Yes	Yes	

7 . 1 0	Development of new infrastructure	Nil	yes	Yes	Yes	
7 . 1 1	No of faculty acquiring PhD	Nil	Nil	3	4	
7 . 1 2	Awards and Recognitions to Institute	NA	NA	NA	NA	Mention some notable achievements
7 . 1 3	Awards and Recognition to faculty	NA	NA	NA	NPTEL Elite Gold certifications	Mention some notable achievements
7 . 1 4	Stake holder feedback mechanism	Yes	Yes	Yes	Yes	Faculty feedback is taken two times in a semester. Feedback from other stakeholders (parents, Employers, Alumni, staff etc) is taken once in a year.
7 . 1 5	Green Initiatives taken & Policies for same	Yes	Yes	Yes	Yes	2018-19: e-journal submission, car pooling

						2019-20: reduction in use of plastic water bottles and tiffin's, E-documentation
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	Institute Level Objectives	<p>1. Each department to take industry project/ research project with number equivalent to half of total faculty strength.</p> <p>2. To conduct at least two technical activities at National/ International level by</p>		<p>1 Each department should have at least one consultancy project with industry, one live project (College Level/SIES group colleges).</p> <p>2. Each faculty should publish at least one</p>	<p>1</p> <p>Establishing the State-of-art Centre of Excellence for "Artificial Intelligence".</p> <p>2</p> <p>Each department to carry out at least one consultancy</p>	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.
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		<p>each department.</p> <p>3. Revenue generation through consultancy /MOU's/ Alumni by every department as per NAAC/NBA requirement .</p> <p>4. Each department to include at least two</p>		<p>paper in reputed conferences / Journals. And At least 50% of the total number of faculty should submit research proposal in each department.</p> <p>3. IEEE International</p>	<p>project with industry or two live projects (College Level/SIES group Colleges).</p> <p>3</p> <p>Each faculty should publish at least one paper in reputed conferences /Journals.</p>	
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		value added courses or certificate programs in the emerging areas to enrich the curriculum.		conference should be organized in every three years. 4. Each department should get at least 3 MOUs with Industry/Educational Institutes in an year and arrange one expert talk/Industrial visit/Interns	4  Atleast 50% of total number of faculty in each department, should submit research proposals.  5  Each faculty member to complete at	
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				hip/Project from Industry/ Educational Institutes.	least one course in emerging domains from SWAYAM/ Coursera.	
	Objectives at department Level to achieve strategic goals	1. To improve technical skills of the students in the field of computer and electronics field.		1. At least 90 percentage of Final year students publish papers in Conferenc es/	Each department should get at least two MoUs with industry/Educational Institutes and conduct collaborative activities under all the functional MoUs. At least 90% of the final year projects to be	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.

		<p>2. To improve research paper reading and writing skills of the students.</p> <p>3. To train students in problem-solving and soft skills to ensure holistic development.</p>		<p>Journals/copy right/patent(Core depts)</p> <p>2. All the faculty should be involved in conduction of Value added courses.</p> <p>3. At least one MOOC course should be</p>	<p>published or present papers in conferences/Journals/Copyrights/Patents (Core Departments).</p>	
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				<p>developed by each faculty in the departmen t.</p>		
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**Deployment data for AY 2024-25 of AIDS Department. Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025.**

Goal 1		To enrich curriculum			
S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
1.1	<b>Department Advisory board</b>	NA	NA	NA	To be conducted at least once a year. MoM are attached for the reference.
1.2	Development of Course Objectives and Course outcomes to foster Outcome Based Learning	Done for SE Course	Done for SE and TE Courses	Done for SE, TE and BE Courses	To be done for every batch at the beginning of the academic year.
1.3	<b>Academic-Activity Calendar</b>	Prepared	Prepared	Prepared	Prepared in the beginning of every semester.
1.4	<b>To enhance curriculum delivery</b>	Seminar beyond syllabus, SDP for students	Seminar beyond syllabus, SDP for students	Seminar beyond syllabus, SDP for students	Subject Seminar, SDP on Mobile Application Development, SDP on Flutter and Kotlin, SDP on Blockchain Technology

	<b>beyond syllabus activities</b>				
	Industrial Visits	0	0	0	Institute level IV
	Guest lectures	03	10	18	Guest lectures are targeted to bridge the curriculum gap identified. Data Structure, cybersecurity and Devops
	Internships	07	29	81(External) 47(Internal)	Internship opportunities are floated during the semester for which interested students apply for their knowledge enhancement
	Problem-Based Learning	Implemented: AOA questions based on Gate, Problems in OS	Implemented: Questions based on Gate, Problems in OS,	Implemented: Case study in SEPM, BT	Discussion and designing problems to enhance learning experience
	Certificate programs	No	No	No	-
	Student Seminars	All students for Sem 3 & 4	All students for Sem 3,4,5 & 6	All students for Sem 3,4,5 & 6	Seminars are conducted on the topic beyond syllabus but closely related to the contents
1.5	To offer industry-oriented certification courses/projects				

	MOOCs	NA	NA	NA	Institute Level: Courses offered by institute as NPTEL Study centre, Coursera university partner and IIRS Network Institute
	Value Added Courses	01	02	02	In summer and winter vacations, value added courses are conducted at department level which aims to enhance the programming/coding skills and updates in the technology
	Industry Projects	Nil	Nil	2	Student's major projects are based on the problem provided by the industry.
	Expert talks	03	10	18	Expert talks are arranged to bring awareness students about cutting edge technologies in the industry various relevant standards used
1.6	Innovative teaching methods	Implemented	Implemented	Implemented	Shall be implemented every academic year based on the course / batch requirements.
1.7	Result Improvement	NA	Yes	Yes	Substantial improvement is observed in the result for academic year 22-23 and 2023-24
	Remedial session	Conducted	Conducted	Conducted	Conducted for the students who score less than 40% marks in UT1 on the topics of

					UT1 also remedials are conducted for weak students.
	Extra classes for DSE	Conducted	Conducted	Conducted	They are planned and conducted during Ganpati vacations and after the regular timetable on daily basis
	Preliminary Exam	Practical Mock Test	Practical Mock Test	Preliminary exams	Shall be conducted based on the course / batch requirements
	Additional practice assignment		Extra questions and class tests	Extra questions and class tests	
	Extra lectures for difficult subjects		Conducted	Conducted for MP	
1.8	Academic Audit	Yes	Yes	Yes External-27 May	To be conducted at least once a year- Internal Audit is conducted
	Course file	Yes	Yes	Yes	Academic audit includes semester wise course file and personal file
	Faculty file	Yes	Yes	Yes	Maintained for all
	Feedback	2	2	2	Students feedback and teaching and learning is conducted at least twice a year.

<b>Goal 2</b>	<b>To incorporate a digital platform to improve the teaching-learning process</b>
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S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
2.1	To develop innovative teaching, learning, and assessment methods	Innovative teaching methods were used like Gate questions for AOA	Innovative teaching methods were used like Gate questions for AOA	Innovative teaching methods were used like case study used in blockchain.	conducted based on the course / batch requirements
	Use ICT for effective teaching with E-Learning resources	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	
	Development of e-content	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	

	Recording of lectures and making it available digitally	Yes	Yes	Yes	
2.2	Transparency in continuous evaluation	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.
2.3	Attendance Monitoring systems	Yes	Yes	Yes	Defaulters' list taken at regular intervals. Typically, thrice in a semester.
2.4	Automated library	Yes	Yes	Yes	Centrally made available

### Goal 3

To encourage research and consultancy, industry-institute interaction and entrepreneurship activities

S.	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
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No					
3.1	To strengthen research activities in the institute	Technical report writing for SE mini-Project	Technical report writing for SE, TE mini-Project	Technical report writing for SE and TE mini-Project, Black book for BE Major Project & Paper publication in journals & conferences	Project guide mentored their project groups in writing project report
	Research conference and research symposium /STTP	02	04	07	Conferences workshop attended/ Mooc Courses completed
	Sponsorship to faculty to encourage participation in research activities on and off-campus	No Sponsorship	No Sponsorship	No Sponsorship	
	Sponsored research through research proposals	Nil	Nil	Nil	Minor research grant by university of Mumbai.
	Number of research papers in conferences	1- IEEE conference paper	2- International conference(abstraci ndexing)	7- IEEE conference	

	Number of research papers in journal	2	4	Scopus -1 paper Others-8 papers	
	Books written	Nil	Nil	Nil	
3.2	To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/start-up Activities	Nil	Nil	Nil	
3.3	Partnership between industry/ reputed organizations/	Nil	01-PCS ventures for internship	03 IDC, Adorbits, Educloud – for sessions and internships	Project evaluation, Faculty pursuing Ph.D. from institutes of national eminence. MOU is signed
	Internships	07	29	128 81(External) 47(Internal)	Project based Internships are caarchanrried out in the industry or on the technologies used in the industry.

	Consultancy work	Nil	Nil	01-	
	Industry projects	Nil	Nil	02	
	MOU	00	01	03	
	Expert session/seminars	03	10	18	
	Short term courses	Nil	Nil	Nil	Workshops conducted I for students.
	Value-added courses	01	02	02	
	Training program for faculty	01	01	01	STTP conducted for the faculty
	Training by faculty	Nil	Nil	Nil	By being Resource for workshops and FDPs
	Industry labs	Nil	Nil	Nil	

**Goal 4**

**To strengthen alumni engagement and enhance the student experience**

S.No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
4.1	No. of students enroll for Certification/Diploma courses	19	16	Total-100 Udemy-15 NPTEL-2 Coursera-1 Google/Microsoft/Infosys-7 Certification(AWS)-65 Others-10	SDP/Coursera /NPTEL/Udemy
4.2	Facilities for recreation, and sports on campus	Nil	Nil	Yes	
4.3	No. of student participation in extracurricular activities	02	05	05	Dance in TML, Badminton, Kabbadi, Drama, Athletics
	No of program organized by the institute	Nil	Nil	Nil	
	No of award/ medals won by students	10	09	05	
44	No of activities undertaken	Nil	8	cognition Poster competition	Guest lectures and project competition

	Awards and Recognition to students	NIL	09	22 Awards and recognition	Kaailash sharma participated and won many awards at technical level. TE students won first place at National level define 3.0 held at Kerala.
4.5	Percentage of student placed	NA	NA	47.27%	TCS, KPMG,Capgeminj, LTI MindTree,Barclays
	Maximum salary	NA	NA	13 LPA	Kailash Sharma placed in People Interactive Pvt.Ltd.
	Median Salary	NA	NA	4.2 LPA	Mukta Chavan placed in Capgemini
	No of skill development schemes to improve placement	NA	NA	CRT, Mock Interviews	
4.6	No of students pursuing higher studies	NA	NA	10	

	Initiatives taken to assist students for higher studies	Nil	Nil	seminars and sessions arranged	
4.7	Mentor Mentee interactions	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	Conducted Regularly: Min 2 meeting in a semester along with PTM	
4.8	Online student portal for academic and non-academic activities	Arena for Codeshef SIESGST	Arena for Codeshef SIESGST	Arena for Codeshef SIESGST	
4.9	Professional Counselling and emergency medical service to the students on campus	Available	Available	Available	Mentor and class in charges identified students for counselling and provided professional counselling
4.10	Promote alumni networking with students	NA	NA	NA	
	Alumni association and measures to enhance members	NA	NA	NA	
	Alumni contribution	NA	NA	NA	

<b>Goal 5</b>	<b>To enhance contribution towards society and the environment</b>
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S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
5.1	Number of students opting for the elective courses that address gender bias, environment and sustainability issues	NA	NA	NA	
5.2	Number of projects relevant to society to provide solutions	06	11	24	SE Mini project had objective towards providing solution to the societal problems. To maintain separate excel sheet for the tittle and student name whose projects we are considering.

5.3	Number of green campus initiatives & waste management.	-	-	-	2022-23 : e-journal submission, car pooling 2022-23 : reduction in use of plastic water bottles and tiffin's ,E-documentation
5.4	Number social initiatives contributing towards local community	-	-	-	
5.5	Measures to improve waste disposal and e-waste collection	-	-	-	

## Goal 6

To initiate new courses at UG and PG level

S.No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
6.1	Complete accreditation process	Nil	Nil	Nil	

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<b>Goal 7</b>	<b>To formulate development plans to improve the overall quality of the Institute</b>
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S.No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
7.1	Participate in NIRF, ARIIA, MHRD	Nil	Nil	MHRD 3 star rating	
<b>7.2</b>	<b>IQAC Meetings</b>	2	2	2	
7.3	Add / Update the organizational standard operating processes	PI included in QP	PI included in QP	PI included in QP	Co Mappings for assignment, CO mapping for QP of IA, Rubrics for mini project/Lab/Major project
7.4	Internal and External audits	02 (Internal Audit)	02 (Internal Audit)	02 (Internal Audit) one external audit	Academic audit

7.5	Participation of staff in training programs	3	3	7	Seminars/Workshops /STTP and FDP and NPTEL courses
7.6	Organization of STTPs/ FDPs/ training	Nil	Nil	Nil	
7.7	Strengthening library & Increasing learning resources	Nil	Nil	Nil	
7.8	Maintenance of Infrastructure	Nil	Nil	Nil	
7.9	Regular updating of new lab equipment	Yes	Yes	Yes	
7.10	Development of new infrastructure	yes	yes	yes	
7.11	No of faculty acquiring PhD	00	01	02	Prof.Pragati Akre Prof.Sonal Patil

7.12	Awards and Recognitions to Institute	NA	NA	NA	Mention some notable achievements
7.13	Awards and Recognition to faculty	NA	NA	Top 2 % in NPTEL in DWM by Megha Jain	Mention some notable achievements
7.14	Stake holder feedback mechanism	Yes	Yes	Yes	Faculty feedback is taken two times in a semester. Feedback from other stakeholders (parents, Employers, Alumni, staff etc) is taken once in a year.
7.15	Green Initiatives taken & Policies for same	Yes	Yes	Yes	2022-23: e-journal submission, car pooling 2022-23: reduction in use of plastic water bottles and tiffin's, E-documentation
	Institute Level Objectives	1. Planning for organizing International conference in 2023-24. 2.Design and development of at least six MOOC courses (4 quadrants).	1. Each department should have at least one consultancy project with industry, one live project (College Level/SIES group colleges).	1. Implementation of Autonomy from 2024-25 for FE to BE and PG. 2. Establishing the State-of-art Centre of	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.



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		<p>3.Revenue generation through Consultancy by each department.</p> <p>4.Strengthen industry connect through Internships/ Projects/ Industry mentors/ MoUs.</p>	<p>2. Each faculty should publish at least one paper in reputed conferences/ Journals. And At least 50% of the total number of faculty should submit research proposal in each department.</p> <p>3. IEEE International conference should be organized in every three years.</p> <p>4. Each department should get at least 3 MOUs with Industry/ Educational Institutes in an year and arrange one expert talk/Industrial visit/Internship/Project from Industry/ Educational Institutes.</p>	<p>Excellence for “Artificial Intelligence”.</p> <p>3. Each department to carry out at least one consultancy project with industry or two live projects (College Level/SIES group colleges).</p> <p>4. Each faculty should publish at least one paper in reputed conferences/ Journals.</p> <p>5. At least 50% of the total number of faculty in each department, should submit research proposals.</p> <p>Each faculty member to complete at least one course in emerging domains from SWAYAM/ Coursera.</p>	
	Objectives at department Level to achieve strategic goals	To inculcate research culture among faculty and Students by faculty and students	1. At least 90% of Final year projects to publish papers in Conferences/	Each department should get at least 2 MOUs with Industry/ Educational	For achieving the goals objectives are planned at the beginning of the

		<p>publications (at least 5) To provide internships opportunities for students by communicating and collaborating with Industry.</p> <p>3. One value added on cutting edge technologies</p>	<p>Journals/copy right/ patent (Core depts).</p> <p>2. All the faculty should be involved in conduction of Value-added courses.</p> <p>3. At least one MOOC course should be developed by each faculty in the department.</p>	<p>Institutes and conduct collaborative activities under all the functional MoUs</p> <p>At least 90 percentage of Final year students to publish /present papers in Conferences/ Journals/copyright/ patent</p> <p>Students participations for co curricular activities at least 25% of the students (including Internship)</p>	<p>academic year and various activities are conducted for achieving the objectives.</p>
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**Deployment data for AY 2024-25 of AIML Department. Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025.**

Goal 1		To enrich curriculum			
S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
1.1	Department Advisory board	NA	NA	NA	To be conducted at least once a year. MoM are attached for the reference.
1.2	Development of Course Objectives and Course outcomes to foster Outcome Based Learning	Done for SE Course	Done for SE and TE Courses	Done for SE, TE and BE Courses	To be done for every batch at the beginning of the academic year.
1.3	Academic-Activity Calendar	Prepared	Prepared	Prepared	Prepared at the beginning of every semester.
1.4	To enhance curriculum delivery beyond syllabus activities	Seminar beyond syllabus, SDP for students	Seminar beyond syllabus, SDP for students	Seminar beyond syllabus, SDP for students	Subject Seminar, Value Added Course on “Computer Vision and Deep Learning: Concepts to Applications”, Applications based Learning



**SIES**

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**Graduate School of  
Technology (Autonomous)**

**NAAC A+**

	Industrial Visits	0	0	01	The AIML Department organized an Industrial Visit to Pralhad P. Chhabria Research Center on 11th March 2025.
	Guest lectures	01	05	11	Guest lectures are targeted to bridge the curriculum gap identified. Cyber Security, Data Science, Python Django Framework, Practical Applications of Algorithms, Deep Learning, Cloud Computing.
	Internships	07	25	46	Internship opportunities are floated during the semester for which interested students apply for their knowledge enhancement
	Problem-Based Learning	Implemented: Flipped Labs (Python), DBMS Queries	Implemented: Puzzle on DWM, AI, DS, TPS on SAIDS	Implemented: Puzzle on AOA, CSS, IVP, DBMS, OS, ML, DAV, AAI etc	Discussion and designing problems to enhance learning experience
	Certificate programs	No	No	No	No
	Student Seminars	All students for SE	All students for SE, TE	All students for SE, TE	Seminars are conducted on the topic beyond syllabus but closely related to the contents
1.5	To offer industry-oriented certification courses/projects				
	MOOCs	NA	College Level DWM Subject	NPTEL, Courseera, Udemey	Institute Level: Courses offered by institute as NPTEL Study centre, Coursera university partner and IIRS Network Institute



**SIES**

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Graduate School of  
Technology (Autonomous)

NAAC A+

	Value Added Courses	01	02	01	In summer and winter vacations, value added courses are conducted at department level which aims to enhance the programming/coding skills and updates in the technology
	Industry Projects	Nil	Nil	Nil	Student's major projects are based on the problems provided by the industry.
	Expert talks	1	1 (Importance of communication and story telling, )	11	Expert talks are arranged to bring awareness to students about cutting edge technologies in the industry and various relevant standards used.
1.6	Innovative teaching methods	Implemented	Implemented	Implemented	Shall be implemented every academic year based on the course / batch requirements.
1.7	Result Improvement	NA	Yes	Yes	Substantial improvement is observed in the result for academic year 22-23 and 2023-24 and 2024-25.
	Remedial session	Conducted	Conducted	Conducted	Conducted for the students who score less than 40% marks in UT1 on the topics of UT1 also remedials are conducted for weak students.
	Extra classes for DSE	Conducted	Conducted	Conducted	They are planned and conducted during Ganpati vacations and after the regular timetable on daily basis
	Preliminary Exam	Practical Mock Test	Practical Mock Test	Practical Mock Test	Shall be conducted based on the course / batch requirements
	Additional practice assignment		Extra questions and class tests	Extra questions and class tests, Prelims	

	Extra lectures for difficult subjects		Conducted	conducted	
1.8	Academic Audit	Yes	Yes	Yes	To be conducted at least once a year- Internal Audit and External Audit is conducted
	Course file	Yes	Yes	Yes	Academic audit includes semester wise course file and personal file
	Faculty file	Yes	Yes	Yes	Maintained for all
	Feedback	2	2	2	Students feedback and teaching and learning is conducted at least twice a year.

## Goal 2

To incorporate a digital platform to improve the teaching-learning process

S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
2.1	To develop innovative teaching, learning, and assessment methods	Innovative teaching methods were used like Gate questions for AOA, Data Structure , OS, DLCOA	Innovative teaching methods were used like Gate questions for DLCOA, AOA, Data Structure , OS, CN, TCS, certificate course on	Innovative teaching methods were used like crossword for CSS,DBMS, IVP, OS seminar on latest topics on AAI, DAV, ML	conducted based on the course / batch requirements



**SIES**

**Graduate School of  
Technology (Autonomous)**

RISE WITH EDUCATION

NAAC A+

			particular experiment in Penetration testing		
	Use ICT for effective teaching with E-Learning resources	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	
	Development of e-content	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	
	Recording of lectures and making it available digitally	Yes	Yes	Yes	
2.2	Transparency in continuous evaluation	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.
2.3	Attendance Monitoring systems	Yes	Yes	Yes	Defaulters' list taken at regular intervals. Typically, thrice in a semester.
2.4	Automated library	Yes	Yes	Yes	Centrally made available

<b>Goal 3</b>	<b>To encourage research and consultancy, industry-institute interaction and entrepreneurship activities</b>
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S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
3.1	To strengthen research activities in the institute	Technical report writing for SE mini-Project	Technical report writing for SE and TE mini-Project, one group published paper as journal chapter.	Technical Paper writing for TE and BE mini-Project, 9 group published paper as journal chapter.	Project guide mentored their project groups in writing project report
	Research conference and research symposium /STTP	01	01	01	Conferences workshop attended/ Mooc Courses completed
	Sponsorship to faculty to encourage participation in research activities on and off-campus	No Sponsorship	No Sponsorship	No Sponsorship	
	Sponsored research through research proposals	Nil	Nil	Nil	Minor research grant by university of Mumbai.
	Number of research papers in conferences	Nil	04	09	

	Number of research papers in journal	Nil	01	02	
	Books written	Nil	Nil	Nil	
3.2	To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/start-up Activities	Nil	01 (Unicodez )		
3.3	Partnership between industry/ reputed organizations/	Nil	Nil	01	Project evaluation, Faculty pursuing Ph.D. from institutes of national eminence. MOU is signed
	Internships	07	09	11	Project based Internships are carried out in the industry or on the technologies used in the industry.
	Consultancy work	Nil	Nil	01	
	Industry projects	Nil	Nil	14	

	MOU	00	02	02	
	Expert session/seminars	02	04	11	
	Short term courses	Nil	Nil	02	Workshops conducted for students.
	Value-added courses	01	01	03	
	Training program for faculty	01	01	01	STTP conducted for the faculty
	Training by faculty	Nil	Nil	01	By being Resource for workshops and FDPs
	Industry labs	Nil	Nil	Nil	

#### Goal 4

To strengthen alumni engagement and enhance the student experience

S.No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
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4.1	No. of students enroll for Certification/Diploma courses	00	16	54	SDP/Coursera /NPTEL/Udemy
4.2	Facilities for recreation, and sports on campus	Nil	Nil	Nil	
4.3	No. of student participation in extracurricular activities	10	15	45	Hackthon, Poster presentation, Paper Presentation, Sports, Project Competition,
	No of program organized by the institute	Nil	Nil	Nil	
	No of award/ medals won by students	00	12	30	
44	No of activities undertaken	Nil	Nil	Nil	
	Awards and Recognition to students	NIL	12	30	
4.5	Percentage of student placed	NA	NA	40.00% (18/45) placed 9 Higher studies	
	Maximum salary	NA	NA	17.14 lpa	

	Median Salary	NA	NA	4.5 lpa	
	No of skill development schemes to improve placement	NA	NA	01	Campus Recruitment Training
4.6	No of students pursuing higher studies	NA	NA	09	
	Initiatives taken to assist students for higher studies	Nil	Nil	01	Activity conducted by AECC for higher and abroad studies
4.7	Mentor Mentee interactions	Conducted Regularly: Minimum 3 meeting in a semester along with PTM	Conducted Regularly: Minimum 3 meeting in a semester along with PTM	Conducted Regularly: Minimum 3 meeting in a semester along with PTM	
4.8	Online student portal for academic and non-academic activities	Arena for Codechef SIESGST	Arena for Codechef SIESGST	Arena for Codechef SIESGST	
4.9	Professional Counselling and emergency medical service to the students on campus	Available	Available	Available	Mentor and class in charges identified students for counselling and provided professional counselling
4.10	Promote alumni networking with students	NA	NA	NA	

	Alumni association and measures to enhance members	NA	NA	NA	
	Alumni contribution	NA	NA	NA	

<b>Goal 5</b>	<b>To enhance contribution towards society and the environment</b>
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S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
5.1	Number of students opting for the elective courses that address gender bias, environment and sustainability issues	NA	NA	NA	

5.2	Number of projects relevant to society to provide solutions	05	08	10	Mini project and Major project had objective towards providing solution to the societal problems
5.3	Number of green campus initiatives & waste management.	E-documentation	E-documentation -	E-documentation	
5.4	Number social initiatives contributing towards local community	-	-		
5.5	Measures to improve waste disposal and e-waste collection	-	-		

## Goal 6

To initiate new courses at UG and PG level

S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks

6.1	Complete accreditation process	Nil	Nil	Nil	
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<b>Goal 7</b>	<b>To formulate development plans to improve the overall quality of the Institute</b>
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S.N o	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
7.1	Participate in NIRF, ARIIA, MHRD	Nil	Nil	Yes	MHRD
7.2	<b>IQAC Meetings</b>	2	2	4	
7.3	Add / Update the organizational standard operating processes	PI included in QP	PI included in QP	PI included in QP	Co Mappings for assignment, CO mapping for QP of IA, Rubrics for mini project/Lab/Major project
7.4	Internal and External audits	02 (Internal Audit)	02 (Internal Audit)	02 Internal, 01 External	Academic audit
7.5	Participation of staff in training programs	3	3	8	Seminars/Workshops /STTP and FDP and NPTEL courses

7.6	Organization of STTPs/ FDPs/ training	Nil	01	01	Gen AI
7.7	Strengthening library & Increasing learning resources	Nil	Nil	Nil	
7.8	Maintenance of Infrastructure	Nil	Nil	Nil	
7.9	Regular updating of new lab equipment	Yes	Yes	Yes	
7.10	Development of new infrastructure	yes	yes	Yes	
7.11	No of faculty acquiring PhD	00	01	02	
7.12	Awards and Recognitions to Institute	NA	NA	NA	Mention some notable achievements
7.13	Awards and Recognition to faculty	NA	NA	NPTEL Topper Awards	Mention some notable achievements
7.14	Stake holder feedback mechanism	Yes	Yes	Yes	Faculty feedback is taken two times in a semester. Feedback from other stakeholders (parents, Employers, Alumni,

					staff etc) is taken once in a year.
7.15	Green Initiatives taken & Policies for same	Yes	Yes	Ye	
	Institute Level Objectives	<p>1. Planning for organizing International conference in 2023-24.</p> <p>2.Design and development of at least six MOOC courses (4 quadrants).</p> <p>3.Revenue generation through Consultancy by each department.</p> <p>4.Strengthen industry connect through Internships/ Projects/ Industry mentors/ MoUs.</p>	<p>1. Each department should have at least one consultancy project with industry, one live project (College Level/SIES group colleges).</p> <p>2. Each faculty should publish at least one paper in reputed conferences/ Journals. And At least 50% of the total number of faculty should submit research proposal in each department.</p> <p>3. IEEE International conference should be organized in every three years.</p> <p>4. Each department should get at least 3 MOUs with Industry/ Educational Institutes in an year and arrange one expert talk/Industrial</p>	<p>Implementation of Autonomy from 2024-25 for FE to BE and PG</p> <p>Establishing the State-of-art Centre of Excellence for "Artificial Intelligence".</p> <p>Each department to carry out at least one consultancy project with industry or two live projects (College Level/SIES group colleges).</p> <p>Each faculty should publish at least one paper in reputed conferences/ Journals.</p> <p>Atleast 50% of the total number of faculty in each</p>	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.

			visit/Internship/Project from Industry/ Educational Institutes.	department, should submit research proposals  Each faculty member to complete atleast one course in emerging domains from SWAYAM/Coursera.	
	Objectives at department Level to achieve strategic goals	<ol style="list-style-type: none"> <li>1. Conduct at least one Workshop/Hands, seminar on emerging topics inclined to Second Year Subjects (Android, Django framework)</li> <li>2. Conduct at least one SDP programs on emerging technologies</li> <li>3. Arrange talk on Internship opportunities.</li> </ol>	<ol style="list-style-type: none"> <li>1. All the faculty should complete NPTEL MOOC Course</li> <li>2. All the faculty should be involved in conduction of Value-added courses.</li> <li>3. At least one MOOC course should be developed by each faculty in the department</li> </ol>	<p>Each department should get at least two MOUs with Industry Educational Institutes and conduct collaborative actraties under all the functional MOUS</p> <p>At least 90% of Final year projects to publish present papers Conferences Journals/Copy Right patent</p> <p>At least one software for automation of Department Work</p>	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.

**Deployment data for AY 2024-25 of CSE(IoT&CSIBCT)Department. Compliance report for the academic year 2024-25 with respect to Strategic Plan 2018-2025.**

<b>Goal 1</b>	<b>To enrich curriculum</b>
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S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
1.1	<b>Department Advisory board</b>	NA	NA	NA	To be conducted at least once a year. MoM are attached for the reference.
1.2	Development of Course Objectives and Course outcomes to foster Outcome Based Learning	Done for SE Course	Done for SE and TE Courses	Done for SE, TE and BE Courses	To be done for every batch at the beginning of the academic year.
1.3	<b>Academic-Activity Calendar</b>	Prepared	Prepared	Prepared	Prepared in the beginning of every semester.
1.4	<b>To enhance curriculum delivery</b>	Seminar beyond syllabus, SDP for students	Seminar beyond syllabus, SDP for students	Seminar beyond syllabus, SDP for students	Subject Seminar, Certification, problem based learning

	<b>beyond syllabus activities</b>				
	Industrial Visits	0	1	2	Institute level IV
	Guest lectures	02	08	17	Guest lectures are targeted to bridge the curriculum gap identified. Data Structure, cybersecurity and Devops
	Internships	01	43	86 Completed	Internship opportunities are floated during the semester for which interested students apply for their knowledge enhancement
	Problem-Based Learning	Implemented: AOA questions based on Gate, Problems in OS	Implemented: Questions based on Gate, Problems in OS,	Implemented: Gate questions , Case study in few subjects	Discussion and designing problems to enhance learning experience
	Certificate programs	No	No	No	-
	Student Seminars	All students for SE	All students for SE, TE	All students for SE, TE and BE	Seminars are conducted on the topic beyond syllabus but closely related to the contents
1.5	To offer industry-oriented certification courses/projects			01 project – outhouse	

	MOOCs	NA	NA	07 students completed NPTEL courses. 05 faculties completed NPTEL/SWAYAM.	Institute Level: Courses offered by institute as NPTEL Study centre, Coursera university partner and IIRS Network Institute
	Value Added Courses	02	01	01	In summer and winter vacations, value added courses are conducted at department level which aims to enhance the programming/coding skills and updates in the technology
	Industry Projects	Nil	Nil	01	Student's major projects are based on the problem provided by the industry.
	Expert talks	1		17	Expert talks are arranged to bring awareness students about cutting edge technologies in the industry various relevant standards used
1.6	Innovative teaching methods	Implemented	Implemented	Implemented	Shall be implemented every academic year based on the course / batch requirements.
1.7	Result Improvement	NA	Yes	Yes	Substantial improvement is observed in the result for academic year 22-23 and 2023-24
	Remedial session	Conducted	Conducted	Conducted	Conducted for the students who score less than 40% marks in UT1 on the topics of

					UT1 also remedials are conducted for weak students.
	Extra classes for DSE	Conducted	Conducted	Conducted	They are planned and conducted during Ganpati vacations and after the regular timetable on daily basis
	Preliminary Exam	Practical Mock Test	Practical Mock Test	Preliminary exams	Shall be conducted based on the course / batch requirements
	Additional practice assignment		Extra questions and class tests	Extra questions and class tests	
	Extra lectures for difficult subjects		Conducted	Conducted	
1.8	Academic Audit	Yes	Yes	Yes	To be conducted at least once a year- Internal Audit is conducted
	Course file	Yes	Yes	Yes	Academic audit includes semester wise course file and personal file
	Faculty file	Yes	Yes	Yes	Maintained for all
	Feedback	2	4	6	Students feedback and teaching and learning is conducted at least twice a year.

<b>Goal 2</b>	<b>To incorporate a digital platform to improve the teaching-learning process</b>
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S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
2.1	To develop innovative teaching, learning, and assessment methods	Innovative teaching methods were used like Gate questions for AOA, Data Structure , TCS, OS	Innovative teaching methods were used like Gate questions for AOA, Data Structure , OS,CN, TCS, certificate course on particular experiment in Penetration testing	Innovative teaching methods were used like problem of analysis of algorithm Solving using code chef, leetcode etc.	conducted based on the course / batch requirements
	Use ICT for effective teaching with E-Learning resources	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	Various ICT tools are used to enhance the teaching-learning process-MS teams, Presentations, various tools, PPT	
	Development of e-content	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture Videos, PPTs, lab manuals etc.	Course material is created in the form of lecture videos, PPTs, lab manuals etc.	

	Recording of lectures and making it available digitally	Yes	Yes	Yes	
2.2	Transparency in continuous evaluation	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	TW calculation involving assignment marks, experiment evaluations, attendance and also test marks are shown to students and the discrepancies are resolved immediately	The solution key shared is with students after the exam and the paper evaluation is discussed in the class.
2.3	Attendance Monitoring systems	Yes	Yes	Yes	Defaulters' list taken at regular intervals. Typically, thrice in a semester.
2.4	Automated library	Yes	Yes	Yes	Centrally made available

<b>Goal 3</b>	<b>To encourage research and consultancy, industry-institute interaction and entrepreneurship activities</b>
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S.	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
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No					
3.1	To strengthen research activities in the institute	Technical report writing for SE mini-Project	Technical report writing for SE and TE mini-Project, one group published paper as journal chapter.	Technical report writing for SE and TE mini-Project and final year students are preparing research paper for journal and conferences	Project guide mentored their project groups in writing project report
	Research conference and research symposium /STTP	00	01	05 faculties	Conferences workshop attended/ Mooc Courses completed
	Sponsorship to faculty to encourage participation in research activities on and off-campus	No Sponsorship	No Sponsorship	No Sponsorship	
	Sponsored research through research proposals	Nil	Nil	Nil	Minor research grant by university of Mumbai.
	Number of research papers in conferences	Nil	Nil	08	
	Number of research papers in journal	Nil	01	06	

	Books written	Nil	Nil	Nil	
3.2	To establish an innovation ecosystem for the encouragement of the entrepreneurial skills - E Cell /IPR/Preincubation/ start-up Activities	Nil	Nil	Nil	
3.3	Partnership between industry/ reputed organizations/	Nil	Nil	iFuture Technologies Private Limited for internship	Project evaluation, Faculty pursuing Ph.D. from institutes of national eminence. MOU is signed
	Internships	07	29	30	Project based Internships are carried out in the industry or on the technologies used in the industry.
	Consultancy work	Nil	Nil	Nil	
	Industry projects	Nil	Nil	01	

	MOU	00	01	01	
	Expert session/seminars	02	04	17	
	Short term courses	Nil	Nil	06	Workshops conducted I for students.
	Value-added courses	02	01	01	
	Training program for faculty	01	01	01	STTP conducted for the faculty
	Training by faculty	Nil	Nil	Nil	By being Resource for workshops and FDPs
	Industry labs	Nil	Nil	Nil	

#### Goal 4

To strengthen alumni engagement and enhance the student experience

S.No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
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4.1	No. of students enroll for Certification/Diploma courses	00	29	18	SDP/Coursera /NPTEL/Udemy
4.2	Facilities for recreation, and sports on campus	Nil	Nil	Nil	
4.3	No. of student participation in extracurricular activities	02	05		Dance in TML, Badminton,
	No of program organized by the institute	Nil	Nil	Nil	
	No of award/ medals won by students	02	02	Nil	
44	No of activities undertaken	Nil	Nil	01	Guest lectures and project competition
	Awards and Recognition to students	NIL	02	NIL	
4.5	Percentage of student placed	NA	NA	37.09	

	Maximum salary	NA	NA	10 LA	
	Median Salary	NA	NA	6.75 LA	
	No of skill development schemes to improve placement	NA	NA		
4.6	No of students pursuing higher studies	NA	NA	10	
	Initiatives taken to assist students for higher studies	Nil	Nil	Nil	
4.7	Mentor Mentee interactions	Conducted Regularly: Minimum 2 meeting in a semester along with PTM	Conducted Regularly: Minimum 2 meeting in a semester along with PTM	Conducted Regularly: Minimum 2 meeting in a semester along with PTM	
4.8	Online student portal for academic and non-academic activities	Arena for Codechef SIESGST	Arena for Codechef SIESGST	Arena for Codechef SIESGST	
4.9	Professional Counselling and emergency medical service to the students on campus	Available	Available	Available	Mentor and class in charges identified students for counselling and provided professional counselling

4.1 0	Promote alumni networking with students	NA	NA	NA	
	Alumni association and measures to enhance members	NA	NA	NA	
	Alumni contribution	NA	NA	NA	

<b>Goal 5</b>	<b>To enhance contribution towards society and the environment</b>
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S. N o	Strategic Objectives	2022-23	2023-24	2024-25	Remarks

5.1	Number of students opting for the elective courses that address gender bias, environment and sustainability issues	NA	NA	62	
5.2	Number of projects relevant to society to provide solutions	05	08		SE, TE Mini project and BE Major project had objective towards providing solution to the societal problems. To maintain separate, excel sheet for the title and student name whose projects we are considering.
5.3	Number of green campus initiatives & waste management.	-	-	1	2022-23 : e-journal submission, carpooling 2022-23 : reduction in use of plastic water bottles and tiffin's , E-documentation 2024-25 Automatic Plant Watering System
5.4	Number social initiatives contributing towards local community	-	-	-	

5.5	Measures to improve waste disposal and e-waste collection	-	-	-	
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<b>Goal 6</b>	<b>To initiate new courses at UG and PG level</b>
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S. No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
6.1	Complete accreditation process	Nil	Nil	Nil	

<b>Goal 7</b>	<b>To formulate development plans to improve the overall quality of the Institute</b>
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S.No	Strategic Objectives	2022-23	2023-24	2024-25	Remarks
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7.1	Participate in NIRF, ARIIA, MHRD	Nil	Nil	Nil	
<b>7.2</b>	<b>IQAC Meetings</b>	2	2	2	
7.3	Add / Update the organizational standard operating processes	PI included in QP	PI included in QP	PI included in QP	Co Mappings for assignment, CO mapping for QP of IA, Rubrics for mini project/Lab/Major project
7.4	Internal and External audits	02 (Internal Audit)	02 (Internal Audit)	01 (Internal Audit) 01 (External Audit)	Academic audit
7.5	Participation of staff in training programs	1	2	7	Seminars/Workshops /STTP and FDP and NPTEL courses
7.6	Organization of STTPs/ FDPs/ training	Nil	Nil	Nil	
7.7	Strengthening library & Increasing learning resources	Nil	Nil	Nil	

7.8	Maintenance of Infrastructure	Nil	Nil	Nil	
7.9	Regular updating of new lab equipment	Yes	Yes	Yes	
7.10	Development of new infrastructure	yes	yes	yes	
7.11	No of faculty acquiring PhD	00	00	01	
7.12	Awards and Recognitions to Institute	NA	NA	NA	Mention some notable achievements
7.13	Awards and Recognition to faculty	NA	NA	2	Mention some notable achievements
7.14	Stake holder feedback mechanism	Yes	Yes	Yes	Faculty feedback is taken two times in a semester. Feedback from other stakeholders (parents, Employers, Alumni, staff etc) is taken once in a year.

7.15	Green Initiatives taken & Policies for same	Yes	Yes	Yes	2022-23: e-journal submission, car pooling 2022-23: reduction in use of plastic water bottles and tiffin's, E-documentation
	Institute Level Objectives	1. Planning for organizing International conference in 2023-24. 2.Design and development of at least six MOOC courses (4 quadrants). 3.Revenue generation through Consultancy by each department. 4.Strengthen industry connect through Internships/ Projects/ Industry mentors/ MoUs.	1. Each department should have at least one consultancy project with industry, one live project (College Level/SIES group colleges). 2. Each faculty should publish at least one paper in reputed conferences/ Journals. And At least 50% of the total number of faculty should submit research proposal in each department. 3. IEEE International conference should be organized in every three years.	1. Implementation of Autonomy from 2024-25 for FE to BE and PG. 2. Establishing the State-of-art Centre of Excellence for “Artificial Intelligence”. 3. Each department to carry out at least one consultancy project with industry or two live projects (College Level/SIES group colleges). 4. Each faculty should publish at least one paper in reputed conferences/ Journals. 5. At least 50% of the total number of faculty in each department, should submit research proposals.	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.

			4. Each department should get at least 3 MOUs with Industry/Educational Institutes in an year and arrange one expert talk/Industrial visit/Internship/Project from Industry/Educational Institutes.	Each faculty member to complete at least one course in emerging domains from SWAYAM/ Coursera.	
	Objectives at department Level to achieve strategic goals	To inculcate research culture among faculty and Students by faculty and students publications (at least 5) To provide internships opportunities for students by communicating and collaborating with Industry. 3. One value added on cutting edge technologies	1. At least 90% of Final year projects to publish papers in Conferences/Journals/copy right/ patent (Core depts). 2. All the faculty should be involved in conduction of Value-added courses. 3. At least one MOOC course should be developed by each faculty in the department.	Industry or Institute MOU for research project collaboration and internships BE Students publication at-least 90% project groups. Faculty publication at least 50% faculty Students participations for cocurricular activities at least 25% of the students (including Internship)	For achieving the goals objectives are planned at the beginning of the academic year and various activities are conducted for achieving the objectives.