Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**GSSS INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN**
Name of the head of the Institution	**M SHIVAKUMAR**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0821-4257304**
Mobile no.	**8123598061**
Registered Email	**principal@gsss.edu.in**
Alternate Email	**gsssengg@yahoo.co.in**
Address	**KRS Road, Metagalli, Mysuru**
City/Town	**MYSURU**
State/UT	**Karnataka**
Pincode	**570016**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Women**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. RAVIRAJ P**
Phone no/Alternate Phone no.	**08214257304**
Mobile no.	**8296210432**
Registered Email	**raviraj@gsss.edu.in**
Alternate Email	**drpraviraj@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://geethashishu.in/images/AQAR%202018-2019.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://geethashishu.in/departments/academics/academic-calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.13**	**2019**	**18-Dec-2019**	**17-Oct-2024**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**06-Feb-2018**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Faculty Development	**08-Jul-2019**	**30**

Enrichment Program	5	
Inter college Robotic Event-Maze Solver Robot	01-Oct-2019 1	92
Workshop on Robotics Roboteer 2020 for Diploma students	28-Jan-2020 1	96
3 Day Online FDP/STTP on Modern trends in Optimization Techniques	17-Jul-2020 3	158
EXOUSIA 2019	22-Nov-2019 1	200
Entrepreneurship Awareness Camp-1	15-Oct-2019 3	80
B-Plan Challenge for Women	29-Feb-2020 1	60
5 Day Online Faculty Development Program Contemporary on Research Methodology and LaTeX for Research Documentation	20-Jul-2020 5	300
Mini Project Expo-2019	13-Nov-2019 1	200
Two day online Hackathon	19-Jun-2020 2	22
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department	MODROB AICTE	AICTE	2020 720	1254902
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Applied for NBA compliance visit of CSE, ECE, ISE, TCE and EIE Department and achieved extension of accreditation for ECE, CSE, ISE and TCE for next 3 Years. 2. Applied for NBA accreditation of EEE department. 3. Applied for Permanent affiliation for ECE, CSE, ISE and EIE Departments and got permanent affiliation for ECE and CSE Departments from the affiliating university. 4. Number of PhD has increased and research activities have increased in the institute. 5. Strengthening the activities of Institution Innovation Council. 6. Students and faculties are taking up MOOC Courses has increased due to the initiations taken by IQAC. 7. Organized the International Conference in association with Springer During July 2019.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievments/Outcomes
Organizing the International Conference in association with Springer	Organized successfully
Applied for Permanent affiliation for ECE, CSE, ISE and EIE Departments	Got permanent affiliation for ECE and CSE Departments from the affiliating university.
Apply for NBA reaccreditation	Achieved extension of accreditation for ECE, CSE, ISE and TCE for next 3 Years.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Management	20-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	07-Feb-2020
16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019
Date of Submission	16-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	List of Modules currently operational are : 1. Admissions 2. Student Feedback 3. Faculty Appraisal 4. Academic activities 5. Leave management

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Advance planning of academic activities and calendar of events in line with university. Subject allotment based on competency, experience and performance. Preparation of adequate learning materials like lesson plans, course materials, lab manuals and best practices for the curriculum. Maintenance of course files by all the faculties. Timetable framed with the provision for remedial classes, library hour and counseling. Adapting innovative teaching techniques an addition to the traditional lectures (web related assignments, peer learning, group discussion, MOOC, case studies, projects, survey, quiz, etc. Periodical review from HOD regarding the portions covered by the course faculty. Internal assessment question papers are set to cover all the defined course outcome and attainment. Systematic examination process, question papers with blooms taxonomy levels, question paper scrutiny and timely evaluation and SMS will be sent to the parents Quality of laboratory experience from the faculty members of respective specialization with regard to preparation of manual, Material requirements, conduction of experiments, recording observations and cycle of experiments before commencement of semester. Continuous evaluation process is adopted for the betterment of students. Adapting an outcome based approach for the effective delivery of the curriculum. Collect course end survey feedback from the students to improve the effectiveness of the curriculum. Students and faculty are encouraged to participate in workshops, conference, seminar and FDPs conducted at college / outside for up gradation of their skills. Organizing invited guest lectures by industry experts, placement training, workshops, skill development programs and industrial visits to improve the effectiveness of curriculum. Motivating students to do research work and present papers in conferences and encouraged to publish in reputed journals. In addition to the syllabus mentioned in the curriculum, the students are exposed to expert lectures delivered by faculty members from IITs and IISc in the form of e-content provided by the NPTEL portal (http://nptel.iitm.ac.in). Updated library facilities with a cache of e journals. EDUSAT online classes are made available to the students. This will serve as additional coaching to the students and will give better perspectives on the subject. The institution has a well-defined process of monitoring, guiding and assisting slow learners (weak students) through counseling system. Bright students are encouraged to take up innovative projects and apply for funding. The bright students are identified based on their overall performance and their orientation towards academics. To show appreciation, class toppers are awarded merit certificates, cash prizes

and additional library cards for improving as an appreciation. Availability of college ERP to monitor and aid students' performance, teaching and evaluation process.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Three days Webinar Series on "Drone Technology"	Nil	15/06/2020	3	Employabil ity	Programming Skills
Three days Skill Development Program on "Feel Employable"	Nil	16/09/2019	3	Employabil ity	Programming Skills
Three days Skill Development Program on "C, Data Structures and Basics of OOPs C"	Nil	04/09/2019	3	Employabil ity	Programming Skills
Entreprene urship Awareness Camp"	Nil	15/10/2019	2	Entrepreur ship	Nil
Leadership Programme	Nil	25/10/2019	2	Employabil ity	Skill Development
"FEEL Employable" Learning and Development Intervention	Nil	20/09/2019	2	Employabil ity	Skill Development
Webinar series on "AWS Enabler -Learn Cloud, be Future Ready"	Nil	24/06/2020	1	Employabil ity	Programming Skills
Three Day Skill Development Program on "Wireless Sensors Network based IoT Platform"	Nil	15/10/2019	3	Employabil ity	Programming Skills

A Student Development Program (SDP) on "Hands-on session database design with GUI and Testing"	Nil	23/07/2020	3	Employability	Programming Skills
Two days workshop on "Block chain Technology"	Nil	25/10/2019	2	Employability	Skill Development
Three days Skill Development Program on "Feel Employable"	Nil	16/09/2019	3	Employability	Programming Skills
Three days Skill Development Program on "Feel Employable"	Nil	19/09/2019	3	Employability	Programming Skills
Two days online Hackathon "ULTRA HACK using IoT"	Nil	19/06/2020	2	Employability	Programming Skills
Two day workshop on "Dot Net Framework for Application Development"	Nil	30/08/2019	2	Employability	Programming Skills
A Webinar series on "Campus to Corporate by the resource	Nil	08/06/2020	1	Employability	Programming Skills
a Series of Webinar on "Project-Based Learning Development Of Employability Skills"	Nil	09/06/2020	1	Employability	Programming Skills
a Webinar Session On " Introduction	Nil	06/06/2020	1	Employability	Programming Skills

to Heterogen eous Computing" .					
a webinar on "Software Defined Wide Area Networks (SD WAN)"	Nil	17/06/2020	1	Employabil ity	Programming Skills
a Webinar Session On "Upskill - Survive - Lead the Pandemic Crisis Holis tically"	Nil	11/07/2020	1	Employabil ity	Programming Skills
A Webinar on "Cryptogr aphy Technologies and Information security in Content Delivery Network"	Nil	17/07/2020	1	Employabil ity	Programming Skills
A Student Development Program (SDP) on "Hands-on session "Practical approach towards Comp uter/Mobile Networking Concepts"	Nil	18/07/2020	1	Employabil ity	Programming Skills
A Student Development Program (SDP) on "Hands-on session database design with GUI and Testing"	Nil	23/07/2020	3	Employabil ity	Programming Skills
ONE DAY SKILL DEVELOPMENT ON "VIRTUAL INSTRUMENTAT ION"	Nil	24/08/2019	1	Employabil ity	Skill Development

ONE DAY SKILL DEVELOPMENT ON "ELECTRONICS COMPONENTS AND DEVICES"	Nil	13/08/2019	1	Employability	Skill Development
Fundamentals of Digital Marketing	Nil	24/06/2020	1	Entrepreurship	Skill Development
International Webinar on "IMPACT OF IoT IN A CHANGING SOCIAL ENVIRONMENT	Nil	21/07/2020	1	Employability	Skill Development
Webinar on "The World of Circuit Simulation	Nil	30/06/2020	1	Employability	Skill Development
Webinar series on "AWS Enabler –Learn Cloud, be Future Ready"	Nil	24/06/2020	1	Employability	Skill Development
International Webinar on "CLOUD SECURITY"	Nil	21/07/2020	1	Employability	Skill Development
Webinar on " Latest Technologies	Nil	09/07/2020	2	Employability	Skill Development
Webinar on "Role of Front End Design in VLSI"	Nil	08/06/2020	1	Employability	Skill Development
Two days workshop on "Block chain Technology"	Nil	25/10/2019	2	Employability	Skill Development
Three Day Skill Development Program on "Wireless Sensors Network based IoT Platform"	Nil	05/10/2019	1	Employability	Skill Development

Two Day Skill Development Program on "Network Data Monitoring in Real time Using Monosek"	Nil	23/10/2019	2	Employability	Skill Development
IEEE DAY 2019	Nil	24/10/2019	1	Employability	Skill Development
Embedded Hardware Design and Development	Nil	26/10/2019	2	Employability	Skill Development
"Entrepreneurship Awareness Camp"	Nil	04/11/2019	2	Employability	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	01/08/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Electronics and Communication Engineering	01/08/2019
BE	Computer Science and Engineering	01/08/2019
BE	Information Science and Engineering	01/08/2019
BE	Electrical and Electronics Engineering	01/08/2019
BE	Electronics and Instrumentation Engineering	01/08/2019
BE	Electronics and Telecommunication Engineering	01/08/2019
Mtech	Computer Science and Engineering	01/08/2019
Mtech	Digital Communication and Networking	01/08/2019
MBA	HR, Marketing and Finance	01/08/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year		
	Certificate	Diploma Course
Number of Students	1143	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Five days workshop on "NI USRP"	17/09/2019	44
One week Online FDP on "Hands-on Introduction to NI LabView"	20/07/2020	16
Training Program (Placement Training Activity)	29/07/2019	126
Training Program (Placement Training Activity)	29/07/2019	124
Training Program (Placement Training Activity)	01/08/2019	136
Advanced Technical Training Program (Placement Training Activity)	13/08/2019	78
Refresher Course Training (Placement Training Activity)	30/09/2019	62
Training Program(Placement Training Activity)	10/02/2020	154
Training Program(Placement Training Activity)	24/02/2020	154
DATATHON: Women in Data Science (WiDS)"	17/02/2020	52
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electronics & Communication Engineering	135
BE	Computer Science and Engineering	128
BE	Information Science and Engineering	57
BE	Electrical and Electronic Engineering	70

BE	Electronics and Instrumentation Engineering	53
BE	Telecommunication Engineering	52
MBA	18MBAOS307-Organisation Study (3rd semester)	113
MBA	18MBAPR407-Project Work (4th semester)	87
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The institute/ department has taken a Student Feedback in every semester through online by the specific campus management software called Heraizen. Feedback is collected on curricular aspects, teaching learning methods, faculty programs and institutional programs. The Assessment can be made through five parameters such as Time Sense, Presentation Skills, Helping Attitude, Use of Teaching Aids, Subject Command. Steps are taken to improve overall performance of the faculties by analyzing the feedback from the students. The Academic council consisting of the principal, the heads of the department that plans, monitors and reviews teaching-learning and other activities of the institution. The suggestions boxes are placed in every department and also at some important locations to collect the feedback from the students. These suggestions are considered while framing policies related to the institution.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	Computer science	18	Nill	Nill
Mtech	Digital communication and networking	18	3	3
MBA	MBA	120	117	117
BE	Electronics & Instrumentation Engineering	60	15	15

BE	Electrical & Electronics Engineering	60	33	33
BE	Information Science and Engineering	60	63	63
BE	Computer Science & Engineering	120	120	120
BE	Electronics & Communication Engineering	180	171	171

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1742	213	100	16	4

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
128	111	5	41	Nill	18

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Student Counseling system is in place at the institution for the students for monitoring and guiding the students for the aspects listed below: 1. Counseling for continuous improvement in academics and other areas by faculty members 2. Each faculty member is assigned a group of around 20 students to be a counselor/mentor. 3. Students and their parents/guardians can interact with Counselor in case of any assistance with respect to academics and any other student related issues. 4. Counselors interact with students at regular intervals to understand their problems, academic and co curricular interests and guide them suitably for their academic improvement and to make an effort to resolve their problems. 5. During interaction with students, counselors collect student information such as personal details, academic performance, training records and achievements in curricular and co curricular activities. 6. Bright students are encouraged to participate in technical paper presentations, competitions, take up innovative projects etc. Slow learners are assisted to perform better in academics. 7. Counselors interact with parents / guardians to appraise their ward's performance and call for parent teacher meetings of slow learners. 8. All Academic and co curricular activities of Even 2020 semester were conducted using online mode due to COVID 19 pandemic.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1955	116	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
128	128	Nill	12	20

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr S Padmashree	Professor	2nd runner up in CII-Young Indians Mysurus Ideathon on Social Innovation
2020	Shyamala C	Assistant Professor	2nd runner up in CII-Young Indians Mysurus Ideathon on Social Innovation
2020	Padma R	Assistant Professor	2nd runner up in CII-Young Indians Mysurus Ideathon on Social Innovation
2020	Dr. Gururaj K S	Associate Professor	Best Project of the year from Karnataka State Council for Science and Technology
2020	Dr. Reshma Banu	Professor	GMRAF Women Educationist Excellence Award by Global Multidisciplinary Research Academic Foundation(GMRAF), Chennai
2020	Ashwini M C	Assistant Professor	Fisrt Rank [Gold Medal] in M.Tech by VTU Fellowship : Choudaiah Merit Award
2019	Abhishek A	Assistant Professor	"National Youth Icon Award 2019" by International Youth committee
2020	Dr. Renuka N	Assistant Professor	Inspiring Doctoral Student Award under Inspiring National Award-2020 by Madras Journal Series.

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
MBA	Marketing, Finance, HR	II	20/06/2020	17/10/2020
MBA	Marketing, Finance, HR	I	05/02/2020	20/03/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	VIII	01/06/2020	25/10/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	VII	07/02/2020	26/02/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	VI	01/06/2020	12/10/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	V	07/02/2020	05/03/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	IV	01/06/2020	07/10/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	III	07/02/2020	21/03/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	II	01/06/2020	28/09/2020
BE	ECE, CSE,ISE, EEE,TCE,EIE	I	21/12/2019	13/03/2020

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms in Continuous Internal Evaluation (CIE) system at the institutional level : The institute has taken efforts to improve the performance of teachers and students by framing significant reforms in Continuous Internal Evaluation at the institute level. The reforms are as follows: First and foremost, all rules and regulations governing Undergraduate/Post Graduate courses are mentioned in the corresponding 'Scheme and Syllabus' book supplied by VTU. The booklet contains information on attendance requirement, internal assessment marks, eligibility for passing, maximum duration for course completion, promotion and eligibility to appear for examinations, electives, seminar project, award of class at semester level, award of class at degree level, award of medals ranks and transfer from one College to another College. Awareness is given to students during induction program. Students are clearly made aware of the eligibility conditions required to appear for the final exams. They are informed of the criterion of the internal assessment. The evaluation is an integral part of teaching learning process. So, the institution makes effective arrangements for the smooth application of all the rules about the evaluation processes. The college has developed a proper mechanism for this purpose. A Question paper review committee has been set-up for each department headed by Head of Department (HoD) with Professors and Associate Professors being its members, who review question papers of all the

courses, for quality of questions, correctness and also verify whether Blooms Taxonomy levels are included in every question in the question paper. The evaluation is done by using the scheme prepared by the concerned faculty handling the subject. Queries related to evaluation is initially sorted out at the faculty level. Later if the student is not satisfied, then the intervention of the HoD comes into place who tries to solve the issue using the scheme of evaluation available. In severe cases, with the intervention of the Principal, revaluation of the script is executed with another faculty who are familiar with the subject. The performance of the students in the internal test is communicated to the parents through SMS and Parents Teachers meetings are conducted.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar of the Institution is made available well in advance for undergraduate as well as postgraduate courses, before commencement of every semester. The department level academic calendar is made available prior to commencement of the semester in accordance with the institute and university calendar of events. In this calendar IA test dates are specified and are available to the students at the start of every semester. This Calendar also reflects the technical and cultural activities of the institute and the department.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.geethashishu.in/departments/departments-ug/computer-science-engineering

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MBA	MBA	MBA	90	83	92.2
ECE	BE	Electronics & Communication Engineering	135	133	98.5
DCN	Mtech	Digtial communication and Networkin	4	4	100
CSE	BE	Computer Science & Engineering	128	128	100
CSE	Mtech	Computer Science & Engineering	2	2	100
ISE	BE	Information Science and	57	57	100

		Engineering			
EEE	BE	Electrical & Electronics Engineering	65	56	86
EIE	BE	Electronics & Instrumentation Engineering	53	53	100
TCE	BE	Telecommunication Engineering	34	34	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.geethashishu.in/images//Student%20Satisfaction%20Survey%20SSS%20of%20Academic%20Year%202019-2020.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	All India Council for Technical Education under the scheme Modernization and Removal of Obsolescence (MODROB)	1254902	1003922
Major Projects	1095	VGST - CISEE	3000000	1000000
Projects sponsored by the University	365	VTU	60000	60000
Students Research Projects (Other than compulsory by the University)	365	Karnataka state Council for Science and Technology (KSCST)	67500	67500
Students Research Projects (Other than compulsory by the	365	IEEE	115000	115000

	University)						

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Inter College Robotic Event: ROBOTEER – 2019. Guest::Mr. Sreekanta Aradhya,Chief Expert-Industry 4.0 factory Automation, Robert Bosch Engineering Business Solutions, Bengaluru, Karnataka	Dept. of EIE	01/10/2019
My Story - Innovator's Life Crossroad Motivational Speak - To be Share by Innovators. Resource Person: Mr. Santosh Thulasi,Founder Managing Director at Shaast Group, Bengaluru, India	EDC IIC	17/10/2019
Workshop on "Entrepreneurship and Innovation as Career Opportunity" (EDC Awareness Camp). Resource Person: Mr. Yashaswi Nag, Project Coordinator,EDII, Bangalore	EDC IIC	15/10/2019
TECHNO SPECTRUM-2019 (National Level Technical Competition)	Dept. of CSE	16/10/2019
Field / Exposure Visit to Industry- Identify Real life problem: Industrial Visits: ACE Components Electronics Pvt. Ltd., Mysuru 570018	EDC IIC	16/10/2019
My Story - Entrepreneur's Life Crossroad – Motivational Speak - To be Share by Entrepreneurs:Resource Person: Ms. Akshara Kumar, Founder,Founder, Truly Essential, Mysuru	EDC IIC	16/10/2019
India First Leadership Talk Series: Talk on " Innovation for Resurgent India". Resource Person:	IIC organizes with the support of MHRD Innovation Cell	22/08/2019

Dr. Ramesh Pokhriyal Nishank,Hon'ble Minister of HRD		
Awareness Workshop on National Innovation and Start-up Policy (NISP) -(organized through Entrepreneurship Awareness Camp). Resource Person: Mr. Yashaswi Nag, Project Coordinator, EDII, Bangalore	EDC IIC	04/11/2019
IEEE DAY-2019: (Paper presentation on Innovation/Social Innovation Entrepreneurship). Guest: Ms. Sadhana Attavar, Treasurer Chair Elect WIE IEEE Banglore Section. Curator and Head Electronics Visvesvaraya Industrial Technological Museum, Bangal	Dept. of TCE-under IETE chapter	24/10/2019
Design Thinking Workshop – (organized through Entrepreneurship Awareness Camp). Resource Person: Mr. Yashaswi Nag, Project Coordinator, EDII, Bangalore	EDC IIC	05/11/2019
Field / Exposure Visit to CIPET, Mysuru - (organized through Entrepreneurship Awareness Camp): Visited CIPET, Mysuru	EDC IIC	05/11/2019
"Dr. Vikram Sarabhai Birth Centenary" Celebration, Product Development Phases - Story Telling - (Innovators in Campus). Speaker: Dr. C D Prasad, Retd. Senior Scientist, ISRO	Dept. of Physics	21/11/2019
One Day SDP on "Journey from College life to Professional Life". Resource Person:Ms.Hitaisshi, (2010 Batch Alumnae Computer Science and Engineering Department.), Investor relations Strategic planner, VIVRT	GSSSIETW Alumnae Association	16/11/2019

MOTORS PVT.LTD			
Awareness Talk about Internship and its importance. Resource Person: Mr. Supreeth Y S, Co Founder and CEO at Tequed Labs, Bengaluru	Dept. of CSE IIC	04/12/2019	
"Workshop on CGTMSE Loans for Micro, Small Enterprises", Organized by GSSSIETW, Mysuru in association with Catalyst for Women Entrepreneurs (CWE), Mysuru Chapter Speaker: Ms.Sucharita Eshwar, Founder CEO, CWE (Catalyst for Wom	EDC IIC	27/02/2020	
"B Plan Challenge for Women", Organized by GSSSIETW in association with Atal Incubation Centre, JIT, Bangalore Resource Person: Mr. Yashaswi Nag, Project Coordinator, EDII, Bangalore	EDC IIC	29/02/2020	

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
SPEECH RECOGNITION USING ROBOTIC VEHICLE WITH REGIONAL LANGUAGE	Pooja M	Karnataka state Council for Science and Technology	16/03/2020	43rd series KSCST Project
Ideathon on Social Innovation (Theme:Land Pollution)	Thilagavathy R, Anitha K, Padma R	Confederation of Indian Industry	19/02/2020	CII Young Indians Mysurus
Agribot-To monitor and perform agricultural tasks	Navyashree N, Pallavi B A, Bindu H K, Jhanavi Iyenger	All India Council for Technical Education , New Delhi	24/12/2019	Chhatra Vishwkarma Award 2019
Gas Leakage Detector Insect Robot using Raspberry P13	SunitaKumari C Koujalagi, Sachitra, Mahadev Naik, Sona S, Roja M	Karnataka state Council for Science and Technology	16/03/2020	43rd series KSCST Project
Ideathon on Social Innovation (Theme: Lake	Dr.S Padmashree, Shyamala C, Padma R	Confederation of Indian Industry	19/02/2020	CII Young Indians Mysurus

Pollution)					
IoT Based Smart System to Monitor the Psychological Stress Indoor Environmental Parameters Using Succulent Plants	Rekha Seervi, Nisarga H S, Nithya P	MANTHAN-2020	24/12/2020	Business level
NADI NIDAN using IoT and MACHINE LEARNING	Damini Niranjan, Neethi K T, Kavya M, Prathan K M	MANTHAN-2020	24/12/2020	Business level
Tour Mysuru-To Promote Tourism in Mysuru.	Arpitha Shankar S I, Nayana C G and Rajesh K M	CII-Young Indian's Mysuru's - Ideathon at SJCE,Mysuru	19/02/2020	Ideathon
Special Award-Mobility for impact	Dr Parameshachari B D	IEEE Bangalore Section	09/10/2020	State level
PING 1.1, One day technical Workshop	Gagana M C, Kusuma C	RiiiT, Mysuru	29/09/2019	Student category

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
GSSSIETW -Technology Business Incubator	GSSSIETW -Technology Business Incubator	Ministry of MSME	Allinnov Research and Development Private Limited	Proposal submitted	19/02/2020

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Electronics and Communication	2

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	20	1

International	CSE	12	4
International	ISE	11	5
International	EEE	9	0
International	EIE	7	0
International	TCE	Nill	0
International	Chemistry	1	1
International	Mechanical	6	6
International	Mathematics	3	3
International	Management	5	5

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Master of business Administration	7
Telecommunication Engineering	10
Electronics and Instrumentation Engineering	1
Electrical and Electronics Engineering	7
Information Science Engineering	1
Computer science and Engineering	2
Electronics and Communication Engineering	37

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Kernel Nearest Neigh-Bour Based Genetic Algorithm And Modified Kernel- Based Fuzzy C- Means Based MRI Image Brain Tumor Segmentation	Dr.P Raviraj	IJSTR	2020	0	GSSSIETW, MYSURU	Nill

And Classification						Nill
Green synthesis of novel pyrazoline carbothioamides: A potent antimicrobial and antioxidant agents	Dr Renuka N	Chemical Data Collections	2020	0.31	GSSSIETW, MYSURU	Nill
Crystal structure and Hirshfeld surface analysis of 2-(4-nitrophenyl)-2-oxoethyl 2-chlorobenzoate	S. N. Sheshadri	Acta E Cryst. E75	2019	0.3	GSSSIETW, MYSURU	Nill
Performance analysis of Kannada Phonetics-Vowels, Fricatives and Stop Consonants using LP Spectrum	Latha M	Springer nature journal	2019	7	GSSSIETW, MYSURU	7
A Block Bi-Diagonalization-Based Pre-Coding for Indoor Multiple-Input-Multiple-Output-Visible Light Communication System	Dr. Parameshachari B D	MDPI Energies-2020	2019	0.6	GSSSIETW, MYSURU	Nill
An insight of Existing Research Approaches towards Securing IOT Commun	Dr. Reshma Banu	International Journal on Electrical Engineering and Informatics (IJEEI) -	2019	0.27	GSSSIETW, MYSURU	Nill

Title of the Paper	Name of Author	Title of journal	Year of publication			
ication System		Q2 Ranking				
Cluster based Detection and Reduction Techniques to Identify Wormhole Attacks in Underwater Wireless Sensor Networks	Dr.S. Meenakshi Sundaram	(IJACSA) International Journal of Advanced Computer Science and Applications	2020	0.19	GSSSIETW, MYSURU	Nill
Cross Layer QoS Guaranteed Fault Tolerance for Data Transmission in Mobile Wireless Sensor Networks	Shyamala C	Wireless Personal Communications (2020), 1-16. DOI:https://doi.org/10.1007/s11277-020-07472-2	2020	2	GSSSIETW, MYSURU	2
Wireless Sensor Network Based on Composite Fuzzy Methods	Raghavendra Y M	Wireless Personal Communications (Springer), doi: 10.1007/s11277-020-07490-0	2020	3	GSSSIETW, MYSURU	3
Energy efficient routing in wireless sensor network based on mobile sink guided by stochastic hill climbing	Raghavendra Y M	International Journal of Electrical and Computer Engineering, 2020, 10 (6), pp. 5965-5973	2020	2	GSSSIETW, MYSURU	2

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication

Title	Author	Journal	Year			Institution
XSS Attack Detection and Packet Analysis using MONOSEK	Chaya P	Journal of Emerging technologies and Innovative Research (JETIR)	2019	Nill	Nill	GSSSIETW, MYSURU
Crystal structure and Hirshfeld surface analysis of 2-(4-nitrophenyl)-2-oxoethyl benzoate.	S. N. Sheshadri	Acta E Cryst. E75	2019	3	2	GSSSIETW, MYSURU
Demand side management of small scale loads in a smart grid using glow-worm swarm optimization technique	Dr. Parameshachari B D	Elsevier Microprocessors and Microsystems	2019	8	Nill	GSSSIETW, MYSURU
Framework for Secured Transmission between communicating nodes with the internet host in IOT	Dr. Reshma Banu	"International Journal of Disaster Recovery and business continuity" (IJDRBC) Volume 11, No1 (2020) ,PP-1370-1380	2020	8	Nill	GSSSIETW, MYSURU
Lightweight Security Protocol for Efficient Information Transfer in Sensor Networks	Dr. Manjuprasad P B	International Journal of Recent Technology and Engineering (IJRTE)	2019	5	Nill	GSSSIETW, MYSURU
Improved and	Dr. S Meenakshi	International	2020	6	Nill	GSSSIETW,

Efficient Dynamic Load Balancing Algorithm in Cloud Based Distributed System	Sundaram	Journal of Recent Technology and Engineering (IJRTE)				MYSURU
PCCV: Parallel Cancellation and Convolution Viterbi Encoding/Decoding Approach for MIMO-OFDMA for Efficient Resource Allocation and Power Consumption .	Archana B	© Springer Nature Switzerland AG 2019 R. Silhavy (Ed.): CSOC 2019	2019	2	Nill	GSSSIETW, MYSURU
Weighted Decision Tree Model for Breast Cancer Detection	Sushma S J	Technology Reports of Kansai Universities, ISSN:0453 2198, Volume92,JAN-20 20	2020	2	Nill	GSSSIETW, MYSURU
Automated Verification of Structural Engineering Assembly using Convolution Neural Network	Dr. S Padmashree	International Journal of Engineering and Advanced Technology (IJEAT)ISSN: 2249 – 8958, Volume-9 Issue-5, June 2020	2020	3	Nill	GSSSIETW, MYSURU
Zadoff Chu Spreading Sequence for 5G Wireless Communications	Dr Rajendra R Patil	© Springer Nature Singapore Pte Ltd. 2020 G. R. Kadambi et al.	2020	4	Nill	GSSSIETW, MYSURU

	(eds.), Emerging Trends in Photonics, Signal Processing and Communication Engineering, Lecture Notes in Electrical Engineering 649, https://doi.org/10.1007/978-981-15-3477-5_4				

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	117	119	74	108
Presented papers	31	31	3	Nill
Resource persons	9	15	16	24

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Donation to orphanage Chiguru	NSS Unit of GSSSIETW	8	2000
Swach Survekshan-2020. Citizens' feedback on the cleanliness measures by MCC	NSS Unit of GSSSIETW in association with MCC, Mysuru	15	2000
Special talk on 'Personality Development and Motivation towards Success'	NSS Unit of GSSSIETW in association with Basic science department	15	400
Swach Bharath Abhiyan	NSS Unit of GSSSIETW in association with Basic science department	10	400

Swach Village Abhiyan at Palahalli Village, Mysuru Taluk	NSS UBA Unit of GSSSIETW	2	55
Swach Village Abhiyan at Naganahalli Village, Mysuru Taluk	NSS UBA Unit of GSSSIETW	2	55
Awareness on Eco friendly Ganesha festival celebration	NSS Unit of GSSSIETW in association with District administration	2	25
Flood relief fund Collection drive	NSS Unit of GSSSIETW	2	2000
Swach Village Abhiyan	NSS UBA Unit of GSSSIETW	2	45
Awareness program on Water conservation Rain water harvesting in current scenario	UBA Unit of GSSSIETW	2	45
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swachata feedback collection and awareness drive-2019	Appreciation letter given by Mysuru City Corporation for associating with them in creating cleanliness awareness and for active participation in Swachh Survekshan-2020	Mysore City Corporation, Mysuru.	2000
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Unnat Bharath Abhiyan	UBA Unit of GSSSIETW,Mysuru	Distribution of Essential safety materials to Village panchayaths and	2	Nill

		PHCs at Palahalli, Naganahalli Siddalingapura villages(COVID-19 releif work)		
Unnat Bharath Abhiyan	UBA Unit of GSSSIETW,Mysuru	Distribution of Essential safety materials to Govt. Schools, Veterinary Hospitals and PHCs at Palahalli, Naganahalli Siddalingapura villages	2	Nill
Swach Bharath Abhiyan	NSS Unit of GSSSIETW	Swach Village Abhiyan at Naganahalli village Mysuru Taluk	2	55
Swach Bharath Abhiyan	NSS Unit of GSSSIETW in association with MCC, Mysuru	Swach Surveks han-2020. Citizens' feedback on the cleanliness measures by MCC	15	2000
Unnat Bharath Abhiyan	UBA Unit of GSSSIETW,Mysuru	Plantation Program	2	45
Unnat Bharath Abhiyan	UBA Unit of GSSSIETW,Mysuru	Awareness program on Water conservation Rain water harvesting in current scenario	2	45
Unnat Bharath AbhiyanUnnat Bharath Abhiyan	UBA Unit of GSSSIETW,Mysuru	Awareness program on Solid waste management in current scenario at Naganahalli Village, Mysuru Taluk	2	55
Unnat Bharath Abhiyan	UBA Unit of GSSSIETW,Mysuru	Awareness program on Effects of plastic pollution on Environment at Palahalli	2	55

	Village, Mysuru Taluk		

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research related talk	66	GSSSIETW	1
International womens Day at Infosys Bangalore	2	GSSSIETW	1
Training in Digital Marketing	60	GSSSIETW	30
Outbound Training.	60	GSSSIETW	3
Pre-Placement Training	120	GSSSIETW	5
3-Day Skill Development on Feel Employable	100	GSSSIETW	3
Workshop on Industry oriented problem solving and application building using Data Structures	124	GSSSIETW	3
Workshop on Androis Application Development	126	GSSSIETW	3
South Western Railway Central Workshop, Mysuru	33	GSSSIETW	1
Rane (Madras) Limited, Mysuru	40	GSSSIETW	1

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry	Internship	South western railways,Mysuru	08/07/2019	03/08/2019	1
Industry	Internship	HAL Bangalore	04/07/2019	14/08/2019	2

Industry	Internship	RTTC - BSNL, MYSURU	08/07/2019	03/08/2019	46
Industry	Internship	NI LABVIEW ACADEMY, GSSSIETW VI SOLUTIONS, BANGALORE	05/07/2019	31/07/2019	46
Industry	Internship	AIISH, MYSURU	04/07/2019	31/07/2019	10
Industry	Internship	Mr. H M Radhakrishna, Incharge COE, GTTC, Mysuru	05/07/2019	05/08/2019	39
Industry	Internship	LOGINWARE, HASSAN	08/07/2019	03/08/2019	1
Industry	Internship (with Stipend)	HEWLETT PACKARD ENTER[RISE (HPE)	30/01/2020	31/07/2020	4

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Academic aliance with Ui Path	29/07/2020	It develops a platform for robotic Process automation	4
Dalvik Apps	23/08/2019	To gain Knowledge in current Technology. Conducted workshop in Android OS	121
Bluechink Technologies, Bangalore	25/09/2019	A skill based vocational training center to be established imparting industry training, hands-on workshop program, training programming on topics related to curriculum.	150
University of Sannio, Italy	30/07/2020	promote and encourage cultural and scientific exchange between two different countries.	50

Multimedia University, Malaysia	29/07/2020	working together in good faith to examine and determine the feasibility of pursuing the project in relation to exchange of undergraduate and/or graduate students, faculty members and/or research scholars and joint research activities.	40
CLHRD, Mangaluru.	18/09/2019	The MoU coverage is focused on Program Extension Centre (PEC) at GSSSIETW, Mysuru to provide Master Facilitator in Leadership and Human Resource Development (MLHRD),	300
Indian Society for Training development	14/08/2019	Guest Talks, Industry Visits, Certification Courses, Workshops, Seminars, etc.	201
Edin Synergy Global	03/06/2020	Guest Talks, Industry Visits, Certification Courses, Workshops, Seminars, etc.	201
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
23525000	16625884

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing

Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Easylib Software	Fully	4.4.2	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	29235	1461750	838	383118	30073	1844868
Reference Books	7000	3500000	200	91400	7200	3591400
Journals	588	709095	72	154615	660	863710
e-Journals	21903	2863800	5711	1223500	27614	4087300
Digital Database	8658	139800	4329	64900	12987	204700
CD & Video	3439	Nill	57	Nill	3496	Nill
Library Automation	1	52750	Nill	Nill	1	52750
Weeding (hard & soft)	700	350000	Nill	Nill	700	350000

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
0	0	0	02/08/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	835	21	2	1	1	1	8	174	0
Added	0	0	0	0	0	0	0	0	0

Total	835	21	2	1	1	1	8	174	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

174 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	http://geethashishu.in/departments/library

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
16125000	11621893	16315000	33726951

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The physical, academic and support facilities like classrooms, labs, seminar halls, auditorium, computer centre, gymnasium, buses, boardroom, guest room etc., are well maintained and used based on the requirement as per the standard procedure described below. 1. Classrooms laboratories. Once the Calendar of events is prepared in the beginning of the semester, the time-table for allocation of classrooms and laboratories is scheduled for optimum usage. Guidelines for Lab utilization are: Laboratories are managed by the qualified technical staff. Calibration, periodic servicing of equipment/instruments are carried out. Safety precautions like first aid kits and Fire extinguishers are kept in place. Major repair of equipment/instruments are outsourced as per the Institute norms. Appropriate and relevant equipment/instruments are procured as and when required. Obsolete equipment/instrument are replaced to ensure the systematic execution of laboratory experiments. Laboratory manuals are maintained in the laboratory to ensure the uniformity in conducting experiments for all the batches. 2.Facilities like seminar halls, auditorium, guest house, buses are reserved well in advance through proper channels for their optimum usage. 3. Maintenance personnels take care of electricity maintenance of the campus. 4. Gardeners and housekeeping staff ensure the maintenance of gardens and cleanliness of the campus. 5. The Institution has a stationary store for the benefit of students and employees. 6. The institution has tie up with Adithya Adhikari hospital for medical emergencies. 7. Security guards are available on the campus round the clock. 8. The institution has two caferterias where a variety of delicious and hygenically prepared food is available. 9.Purified drinking water facility is available in all the academic blocks, Hostels caferteria. 10. Common rooms are available for students to relax at times of need. 11. The institution has hostel facility which provides accommodation to the students who are willing to reside in the hostel on campus. 12.The Institute has a Language centre which helps the students to improve their communication skills. 13. The Institute has a Meditation hall, where students can meditate and engage in mindfulness practice. 14. The Institute is utilizing rooftop solar power plant as a power source for street lights in the campus. 15. The Institute is having a sewage treatment plant to treat water from the laboratories, canteen and hostels. The treated water is

then used for gardening. 16. All the department HOD's raise the requirements every academic year to fulfill the department needs. According to the requirement HOD's get the quotations and make the comparative statements. Once the quotation gets approved from the Principal, the management then procures them at a competitive price, quality and service. 17.Uninterrupted power supply (UPS) is made available in each department so that the students and staff can access the computers without power interruption. 18.There is a generator for power back-up and supply.

http://geethashishu.in/facilities

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Gita Chaitanya	100	1000000
Financial Support from Other Sources			
a) National	Fee Concession(BCM) Fee Concession(SC) Fee Concession(ST) Scholarship(SC) Scholarship(ST) Sitaram Jindal(For Merit Basis)	1022	28302565
b)International	NIL	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Training Program	24/02/2020	154	FACE/Bizotic
Training Program	10/02/2020	154	FACE/Bizotic
Refresher Course Training	30/09/2019	62	Bizotic
Advanced Technical Training	13/08/2019	78	Bizotic
Training Program/2020 passing out batch	01/08/2019	136	FACE/Bizotic
Personal Counselling and monitoring Even Sem 2020	10/02/2020	388	GSSSIETW Faculties
Personal Counselling and monitoring Odd Sem 2019	29/07/2019	388	GSSSIETW Faculties

Training Program/2022 passing out batch	29/07/2019	126	FACE/Bizotic

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	16days - Placement and Soft Skills Development Program Training by FACE/Bizotic Final Year B.E Students	Nill	136	Nill	97
2020	Seminar-'you be the master' Pratical Guide to study Abroad	124	Nill	Nill	Nill
2019	GATE Awarness Program	260	Nill	Nill	Nill
2020	Seminar on "How to crack- GRE/GMAT/IELTS/TOEFL"	262	Nill	Nill	Nill
2019	Orientation program on Yuva Registration	126	Nill	Nill	Nill
2020	12days - Placement and Soft Skills Development Program Training by FACE- Final Year B.E Students	Nill	57	Nill	40
2019	Seminar on	4	Nill	4	4

Various Competitive Exams For GMAT,GRE,TOEFL, IELTS by Career Launcher				

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	**Nill**	**Nill**

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Juniper Networks HPE- RD Applied Materials Philips SAP Labs Accenture Refinitiv HPE- CBCS Harman IBM LT Technology Services Cognizant Aris Global Mindtree Capgemini Ernst Young Trainz Holdings Infosys Altran TCS wipro NTT DATA Delta X Techj	**5602**	**366**	**Global Logic 6d Technology BYJUS Career Net Diya Systems Juspay Hashedln Informatica**	**611**	**12**

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	**2**	**B.E**	**Electronics**	**JSS Science and**	**M.Tech in Networking**

2020	1	B.E	Communication Engineering	Technology University, Mysore	and Internet Engineering
2020	1	B.E	Electronics & Communication Engineering	GSSS Institute of Engineering & Technology for Women	M.Tech in Digital Communication & Networking (DCN)
2020	1	B.E	Electronics & Communication Engineering	PES University, Bangalore	MBA
2020	1	B.E	Computer Science & Engineering	BITS Pilani	M.Tech. Software Engineering
2020	1	B.E	Information Science & Engineering	UVCE, Bangalore	M.tech in Information Technology
2020	1	B.E	Information Science & Engineering	Acharya Institue of Management, Bangalore	MBA
2020	2	B.E	"Electronics & Instrumentation Enginnering"	JSS Science and Technology University, Mysore	M.Tech in Industrial Electronics
2020	1	B.E	Electrical & Electronics Engineering	VIDYAVARDHAKA COLLEGE OF ENGINEERING	MBA
2020	1	B.E	Electrical & Electronics Engineering	THE NATIONAL INSTITUTE OF ENGINEERING	M.Tech in Electrical
2020	1	B.E	Telecommunication Engineering	The National Institute of Engineering	Networking & Internet Engineering

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)	
Items	Number of students selected/ qualifying
GRE	1
Any Other	13
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Number of Participants

VTU Mysuru Zone Throw ball tournment	Zonal	5
VTU Mysuru Zone Throw Ball Tournament	Institution level	12
Mysuru City Inter Collegiate Throw Ball Tournament	Inter Collegiate	10
Inter Collegiate National Sports Day Throw Ball Tournament.	Inter Collegiate	9
VTU Rest of Bengaluru Zone Kabaddi Tournament	Inter Collegiate	8
VTU Rest of Bengaluru Zone Hand Ball Tournament	Inter Collegiate	7
Incredible India 2020 : Independence Day Celebration Quiz Competition	National Level	100
"COVID- 19: Challenges and Precautions" organized on 28th July 2020.	College Level	60
Fourth National Level Coding Competition "CODE IGNITER – 2019" in Association with and Computer Society of India- Mysore Chapter, 25th September 2019	National Level	200
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Runner up	National	2	Nill	4GW19EC047, 4GW16EC101	Harshitha V, Swathi R
2019	2nd Place	National	2	Nill	4GW19EC047, 4GW16EC102	Harshitha V, Swathi R
2019	2nd Place	National	2	Nill	4GW19EC047, 4GW16EC103	Harshitha V, Swathi R
2019	Rachana K Prasad	National	Nill	2	4GW16CS085,	Rachana K Prasad

	–Won first prize in Rangoli competition				4GW16CS084	Rakshitha J
2019	Secured runner-up	National	5	Nill	4GW17CS083, 4GW17CS405,4GW18CS008,4GW18CS041, 4GW19CS029	Shreya Alva, Harshitha O R, Anupama P, Manasa, Chaitra H S
2020	Secured 2nd place	National	5	Nill	4GW17CS083, 4GW17CS405,4GW18CS008,4GW18CS041, 4GW19CS029	Shreya Alva, Harshitha O R, Anupama P, Manasa, Chaitra H S
2020	Secured 3rd Place and Team got qualified to "VTU Rest of Bengaluru Zone Kabaddi Tournament"	National	1	Nill	4GW17CS041	Monica V

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Active Student council Every department has a student association. whos aim is: 1. To improve academics, co-curricular, cultural and extracurricular activities. 2. To motivate the students for team work. 3. To acquire leadership qualities. 4. To interact with college management to resolve the difficulties of the student's in day to day activities. Activities of student association: 1.To organize national or international level technical symposium for each year to motivate students to participate in technical and non-technical events. 2.To organize the college level events which include cultural and sports events. 3. To celebrate Teachers day and Engineers Day. Academic and administrative bodies that have student representatives on them. The students are included in various bodies at department and institution level. The student members in various committees are given below: 1. Placement Committee. 2. IEEE Student Branch. 3. IETE. 4. Department Forum.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

4889

5.4.3 – Alumni contribution during the year (in Rupees) :

83000

5.4.4 – Meetings/activities organized by Alumni Association :

1.Talk on "Professional opportunities and challenges in the VLSI Industry" on 17 th August 2.One Day SDP on "Journey from College life to Professional Life" on16 th November 2019 3.Webinar on Pandemic may open windows of opportunity for the long-awaited change, 5th May 2020 4.GSSSIETW GLOBAL ALUMNAE MEET-2020 9th May 2020

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institute practices decentralization of power and participative management. The institution's decision making process upholds complete transparency. Power and authority is delegated at all levels. Decisions related to academic and extra-curricular activities are finalized by the Principal. Power and authority is further delegated from Principal to all HOD's of various departments. Frequent meetings are conducted both at department level and at institutional level. All important matters will be discussed by following the rule of transparency and fairness and every individual is given freedom of expression in the meetings. Innovative ideas are highly appreciated and support is extended both from Principal and the management for implementation. Every individuals contribution is highly valued thus upholding the culture of decentralization and participative management. A circular will be sent by principal asking all the departments to furnish the details of proposed budget for the forthcoming academic year. Once the circular is received HOD'S will call for a meeting of all the teaching and non-teaching staff of their department . Department has many requirements other than the academic and non academic activities for which the budget in proposed by the department. The agenda of the meeting will be to discuss about the academic and non-academic activities that the department is planning to host in the academic year. The resources required will be listed and the budget will also be estimated in the meeting and finally a proposed budget will be prepared and handed over to the principal. After the proposed budget is received, a meeting will be convened where principal and all the HOD'S will discuss the feasibility of the proposed budget. New ideas and suggestions will be encouraged and incorporated if found suitable. In case of any changes the proposed budget will be subjected to amendments. The final approved copy of the proposed budget will be then submitted to the registrar for further verification. After the verification, the proposed budget will then be sent to the CEO for his approval. CEO will have a meeting with the principal and HOD'S of respective departments to get further details about the planned activities for which budget is being proposed. After the discussion the proposed budget will be sanctioned and constant support will be extended by the management. Budget is approved by the management after the budget meeting of CEO and the management. Above stated case denotes how institution systematically practices decentralization and also promotes participative management at all levels giving the employees freedom to take part in the decision making process of the institution.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admission of students is done through single window system as per Government Norms. ? The Institution ensures wide publicity and transparency in the admission process through prospectus, College website and advertisements in all leading national and regional daily newspapers. ? The prospectus and application form are uploaded in the College website-The College frequently participates in various educational fairs held in Karnataka state. The admission process sticks to the norms given by the government order.
Industry Interaction / Collaboration	Workshops/seminars conducted on Intellectual Property Rights and Industry-Academia innovative practices Industry institute interaction is achieved through internship, on-the job training programs Sufficient number of functional MOU's exist on campus for supporting industry institute interactions. Institute has provision of appointing Industry Adjunct faculty for providing industry exposure to students
Library, ICT and Physical Infrastructure / Instrumentation	The Institution has the required infrastructure, well equipped laboratories with learning resources as per AICTE and University norms. The Institute provides substantial infrastructure for sports such as cricket, basket ball, throw ball, badminton and others. Students are encouraged to participate at college level, university and national competitions. GSSSIETW library maintains a sufficient number of books and journals as per AICTE norms. Digital access to the online resources is provided for teachers and students. SWAYAM, NPTEL, General Technical Magazines and newspapers along with rare books are available for supporting self learning capabilities. The Institute has 100 mbps internet connection.780 computers are connected through LAN. The institute maintains adequate student computer ratio as per the norms. Well established procedures are in practice for maintaining as well as utilizing physical, academic and support facilities such as

		laboratories, library, sports complex, computers, classrooms etc.
	Research and Development	Research activities of the institute support students to transfer their innovative ideas as their projects. Institute has associations with ISTE, ISOI,CSI, IETE, IEEE Student Chapter, IEEE PES and ISSI chapters for conducting professional activities. The institute has received Government grant in aid under DST, VGST and EDC. The Institute organizes number of extension programmes like Swachh Bharath, health awareness camps, career guidance and yoga sessions for both faculty and students for their physical health and stress related issues. Faculty and students are encouraged to visit industries to carry out projects and to have practical exposure and improve their skills. Rs.20,03,922/- Grants for research projects has been received from state and central government organisations. 15 faculty members are recognized as research supervisors by different universities. The Institution has in place an innovation ecosystem for carrying out innovative projects and transfer of Knowledge, seminars conducted on Intellectual Property Rights and Industry-Academia innovative practices The Institution encourages its faculty to publish papers in conferences and refereed journals. Industry institute interaction is achieved through faculty exchange, student-exchange, internship, on-the job training programs Sufficient number of functional MOU's exists on campus for supporting industry institute interactions. Institute has on campus Robotics lab, IoT Lab, Incubation Centre, EDC Cell and Institute Innovation Cell.
	Examination and Evaluation	At the College level: Internal assessment marks and attendance status are displayed on the Notice Board after each test and the same is communicated to the parents as progress report through SMS, within a week after completion of every IA test. At the end of every Internal Assessment test, the scheme of evaluation is discussed in class by the subject teachers and students are provided with an opportunity to raise any queries in respect of the evaluation. The issues

	are resolved by the concerned faculty. Further, if the grievance is not resolved at the course co-ordinator level, the students can discuss the same with the HoD and then with the Principal, if the issue is not solved. Each department has an EMS co-ordinator, who uploads the marks of all the subjects of all classes online to VTU. Prior to uploading of the IA marks, the students are made to verify the correctness of the IA marks and students are made to authorize with their signatures in the IA matrix prepared. The University provides opportunity for revaluation for the students of answer scripts Also, the students have an opportunity of requesting for photo copies of their evaluated answer books and apply for revaluation. Revaluation for Semester examination is carried out by expert examiner appointed by the University.
Teaching and Learning	Students are admitted to the institute as per state Government guidelines. The Institution implements teaching learning practices with interactive techniques incorporating various strategies for facilitating slow learners through collaborative learning process, clarifying doubts, revising important concepts and practice problems in respective courses. Student centric approaches, such as experiential learning, participative learning and problem solving methodologies are utilized for enhancing learning experience. Remedial classes, motivational classes, study materials are provided to support the slow learners. Scholarly activities are encouraged for advanced learners to enhance their learning capabilities. Faculty are encouraged to use ICT tools for effective teaching and to utilize e- resources to enrich teaching – learning practices. Special programs are arranged for advanced learners and slow learners after assessment. Student- teacher ratio is maintained as per the AICTE norms. Each mentor on an average has approximately 20 students for taking care of academic and stress related issues. Among the sanctioned posts, 1116 are full time teachers. Continuous Internal Evaluation methods are conducted as per the norms of the affiliating university from time to

	time. Mechanism of internal assessment is transparent and systematic. Mechanism to deal with examination-related grievances is transparent, time- bound and efficient. Teachers and students are made well aware of program outcomes and course outcomes. The Institution evaluates the attainment of these outcomes. Average pass percentage of students is 96.83. Online student satisfaction survey with regard to teaching learning process is collected for improvement.
Curriculum Development	All the programs offered to students comes under Choice Based Credit System (CBCS) and the elective courses meet the needs and interest of students. Courses like Gender sensitization, environmental sciences, Human values and Professional ethics are included in the UG program. Environmental science helps to develop the knowledge about Environment and Sustainability. Human values and Professional ethics teaches the students to lead a true life with highest values and morals. It helps to understand the ethical values that guide the Engineering profession. These disciplines enable students to concentrate on social issues and serve the society as ethical individuals. Curriculum support system is well planned through the college Enterprise Resource Planning (ERP). This information is also provided to the parents through SMS and college ERP. 11 faculty members have participated in various committees of the universities. 2952 students had enrolled in Add-on programmes during the last five years.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Administration	The College adapts E-governance system at Government, Society and College level. The institution tries its best to manage with latest tools of administration in hand. Using Smartphones with Gmail and WhatsApp, faculty used to share their notes to students, communicate information, placement news, answer queries etc. It helps to provide a brief notice and reminder of any event, and other important happenings through the college SMS facility, Whatsapp Group for the smooth functioning. Every

	financial transaction is recorded. All procedures and dealings are computerized. The accounts and procedures of internal control of finance are carried out by the head of the accounts team on a day to day basis and annual audit is done by the statutory auditor. The audit of accounts and submission of income tax returns are being carried out regularly each year. There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc., and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works.
Finance and Accounts	Proper utilization of financial resources are planned at the beginning of every financial year. Finance department takes care of the collection of tuition fees, salary payment, Preparing purchase orders for the laboratory equipment, teaching aids, furniture, and the facilities, payment of bills and maintaining the department budget allocation and expenditure etc.
Student Admission and Support	Admission of students is done through single window system as per VTU Norms. The Institution ensures wide publicity and transparency in the admission process through prospectus, College website and advertisements in all leading national and regional daily newspapers. The prospectus and application form are uploaded in the College website. Prior to the results of Pre-University (PUC) examinations, counseling centre inside the College helps the parents to enquire information about the courses offered, eligibility criteria, and process of admission as well as academic support facilities The College has participated in various educational fairs of various leading publications in Karnataka state. The admission process sticks to the norms given by the government order. Student Development Activities and Technical Competitions were conducted for the personality development of the students. For moulding the personality of the students, Counselling system is in

	place. Each counsellor is given 20 students to counsel the students on various personality aspects and to drive them towards success. The college campus is equipped with CCTV Cameras at every place of need.	
Examination	The college has a separate Examination section, equipped with necessary ICT tools for examination purpose. The examination section is equipped with Desktops, Internet Facility, reprographic facilities, ICT facilities enable the efficient functioning of the examination section for online procedures such as Question Paper Downloading and other activities for exam purpose. The examination department has the separate Machine for printing the question papers downloaded from university portal, as per the university regulation the Examination. Examinations were conducted under the control of affiliating University VTU,Belagavi. Internal and External examinations were conducted and evaluated for the student's promotion. The Internal evaluation shall be made by the faculty in charge for the subject on the basis of continuous assessment and conducting the Internal Assessment examinations. The internal exams were conducted as per the scheduled given by the University and academic calendar prepared by the Institution. Prompt valuation of the answer scripts and entry of the marks in Heraizen software help in monitoring the performance of the students and sending a report to the parents. The external examinations were conducted as per the University notifications. The marks in internal evaluation and end examination shall be shown separately in the marks sheets.	

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr. Parameshachari B D	5 days program on outcome based education and NBA Accridation	NA	600

2020	Mrs Sowjanya M N	FDEP on Digital Image Processing held on 8th to 12th July 2020	NA	750
2020	Mr. Manjunath J	Training on Software and Equipment for Lab Instructors held on 28th and 29th Feb 2020	NA	1000
2020	Divya Y A, Vijayalakshmi MM	Five day Faculty Development and enrichment programme on Digital Image Processing	NA	1500
2020	Chethan K S, Ravi Kumar V G, Parvathi S J	Participated in Ideathon event	NA	1180
2020	Spoorthi Y, Nalina H D, Rashmi H C, Sunitha R	Hands on Introduction to NI LabVIEW	NA	1200
2020	Manjunath M	VTU Tequip 1.3 Sponsored Training on Software and equipments for lab Instructors	NA	1000
2020	Dr Padmashree S, Shyamala C, Padma R, Anitha K Thilagavathy R, Archana B	Ideathon on Social Innovation organized by CII	NA	2360
2019	Dr. Likith Kumar M V	National Level Symposium on Smart Grid,	NA	11800
2020	Dr Rajendra R Patil, Dr Jayanth J, Dr Sushma S J, Thilagavathy, Arvind R, Nalina H D, Rashmi H C, Shruthi T M	VTU Tequip 1.3 Sponsored Outcome Based Education and NBA accreditation	NA	2400

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the	Title of the	From date	To Date	Number of	Number of

		professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
	2020	Effective Management of Institutional E-Waste	NA	30/07/2020	30/07/2020	Nill	138
	2020	VTU TEQIP 1.3 Sponsored Five Day Program On Outcome Based Education and NBA Accreditation" in association with Visvesvaraya Technological University Belagavi, Karnataka, Aryabhatta Knowledge University Patna, Bihar and BijuPatnaik University of Tech	NA	07/01/2020	11/01/2020	60	Nill
	2020	One week Online FDP on "Hands-on Introduction to NI LabVIEW	NA	20/07/2020	27/07/2020	16	Nill
	2020	A three day webinar series on "Drone Technology"	NA	15/06/2020	17/06/2020	350	Nill
	2020	3 Days FDP on "Modern Trends in	NA	16/07/2020	18/07/2020	56	Nill

	Optimization techniques: A Power quality and reliability approach"					
2019	International Seminar on Research and Innovation in Engineering and Technology (ISRIET)-2019	NA	16/12/2019	16/12/2019	250	Nill
2020	Five days FDEP on Digital Image Processing	NA	08/07/2020	12/07/2020	30	Nill
2020	Webinar on Advancing Women through Engagement in Technical Activities during Corona Crisis	NA	17/07/2020	17/07/2020	50	Nill
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Intellectual Property Rights and Innovation, IISc, B'lore	1	29/04/2020	30/04/2020	2
6day Faculty Development Programme on Electronics and Data Science	1	01/06/2020	06/06/2020	6
3 days FDP on "5G and its	1	09/07/2020	11/07/2020	3

impact on internet of Things"				
7 days FDP on "Artificial Intelligence and its application towards Robotics"	1	20/01/2020	26/01/2020	7
Three days Webinar Series on "Satellite and Automation" organized by GSSSIETW IEEE student branch in association with IEEE Bangalore section and CAS Bangalore Chapter during	8	11/05/2020	13/05/2020	3
Three day Webinar series on "Telemedicin e,IOT and Nano Science"	10	10/06/2020	12/06/2020	3
Five day Faculty Development Program on "Sensors Their Applications"	3	13/07/2020	17/07/2020	5
"IEEE Faculty Conclave"organi sed by IEEE Bangalore Section at NIE Institute of Technology, Mysuru	8	29/02/2020	29/02/2020	1
5-day online FDP on Contemporary Research Methodology and LaTeX for Research Documentation, organized by the Dept. of CSE, GSSSIETW, Mysuru	3	20/07/2020	25/07/2020	5
One week	4	21/07/2020	25/07/2020	5

online FDP program on "Research Avenues in Health care Technology" organized by SJCE, JSS and Technology University, Mysore					

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
116	116	92	92

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1.Staff are given Provident Fund, and Group Insurance and Gratuity facility. 2.Accident insurance policy . 3. Maternity Leave and Special Causal Leave facilities are provided. 4.Faculty and technical staffs who present papers /attend Conferences/Works hops/seminars within India are given the registration fee/ TA/DA. 5.GSSSIETW is having an MoU with Adithya Hospital, Gokulam, Mysuru. 6.Encouraging employees for higher studies.	ESI, Accident insurance policy for drivers.Free uniform for class IV employees like drivers, housekeeping staff, maintenance, canteen and gardeners.	1.Student insurance policy 2. Scholarship of Rs.10,000/- scholarship for 100 economically poor and bright students per year. 3. Simha Silk Scholarship for top two Meritorious Students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

1. Internal Audit. Principal informs all the HODs to submit budget requirements for the next financial year. Budget requirements will be sent to the Principal, and Principal will review the budget requirements of all the Departments in consultation with Management, Accounts officer and concerned HODs (if required). A consolidated budget will be prepared for the next financial year and will be submitted to the Management for review and suggestions. After Management approval, funds will be released as and when required. The Principal in consultation with the management reviews the financial status periodically of each Department to ensure that expenses are within the budget allocated and also the amount is utilized within the financial year in a systematic way. All the HODs will submit the bills for the purchased orders and also consolidated report of the sanctioned budget amount utilized to the Principal. 1.External

Audit All the financial transactions of the institute are audited by an external agency. The external audit is carried out by the auditors as per the provisions of the Government rules and regulations. The Institute has maintained the highest level of transparency in all financial transactions. It may be seen from the audited reports that all the financial transactions are carried out as per the standard norms. The audited reports are uploaded in the college website as per AICTE norms.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NILto

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	Department Level Committee
Administrative	Yes	Madhavan and Co, Mysuru	Yes	Suresh and Co, Mysuru

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parents Teachers meeting is arranged twice in a semster to update their ward progress in academics. 2. Parents provide feedback about the developments of the institute and the departments during their visit as a part of parent-teacher meet. 3. Parents feedback is considered in reframing vision and mission of the department and institute 4. Online Parents Teachers Meeting was conducted during Even Semester due to COVID 19 pandemic.

6.5.3 – Development programmes for support staff (at least three)

1.Support staff are encouraged to attend Skill development programs to enhance their skills. 2. Support staff are provided training on security measures related to Fire Safety in the association Fire Station in Mysuru. 3. Support staff actively participate in Yoga and Meditation session organized by the institute to stay healthy.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Initiation is taken to start NCC. 2. Initiation is taken to get NBA Accreditation for EEE and MBA Departments. 3. Efforts has been initiated to setup the Technology Business Incubator in Association with Ministry of MSME, New Delhi.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No

	d)NBA or any other quality audit		Yes		

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Two day online Hackathon "ULTRA HACK using IoT"	19/06/2020	19/06/2020	20/06/2020	22
2020	2nd National Conference on Communication and Data Science (NCCDS – 2020)	15/07/2020	15/07/2020	15/07/2020	200
2019	Minim Project Expo-2019	13/11/2019	13/11/2019	13/11/2019	75
2019	EXOUSIA 2019" - An Inter Collegiate Technical Fest In association with ISLE Student Chapter, GSSSIETW, Mysuru	22/11/2019	22/11/2019	22/11/2019	200
2020	3 Day Online FDP/STTP on Modern trends in Optimization Techniques – A Power Quality and Reliability Approach	17/07/2020	17/07/2020	19/07/2020	158
2020	Workshop on Robotics Roboteer 2020 for Diploma students	28/01/2020	28/01/2020	28/01/2020	96
2020	Inter college Robotic Event-Maze Solver Robot	01/10/2019	01/10/2019	01/10/2019	92

2020	FDEP	18/07/2019	18/07/2019	18/07/2019	30
2020	5 Day Online Faculty Development Program Contemporary on Research Methodology and LaTeX for Research Documentation	20/07/2020	20/07/2020	24/07/2020	300
2020	B-Plan Challenge for Women	29/02/2020	29/02/2020	29/02/2020	60
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
B-Plan Challenge for Women	29/02/2020	29/02/2020	60	Nill
Entrepreneurship Awareness Camp-1	15/10/2019	17/10/2019	80	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1. Solar panels are fixed on the roof tops of the Building. 100 KW total solar energy generated which is transferred to the electric grid. Use of grid connected solar energy helps to conserve electricity use. 2. Solar water heating systems are fixed on the roof tops of the hostels to provide all time hot water to the inmates. 3. Normal light bulbs are replaced by LED/ CFL lamps. 4. The open soil area of the campus is covered by grass and diversified flora this helps in retaining and absorbing rain water Thus helping in increase of ground level of water It also helps in avoiding soil erosion. 5. All internal communications of Administration, Office and Departments are done through email.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	2000
Ramp/Rails	Yes	2000
Rest Rooms	Yes	2000

| Scribes for examination | Yes | Nill |

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nill	Nill	01/08/2019	Nill	NIL	NIL	Nill
2020	Nill	Nill	01/08/2019	Nill	NIL	NIL	Nill
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	01/08/2019	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Webinar on Advancing Women through Engagement in Technical Activities during Corona Crisis	17/07/2020	17/07/2020	200
Universal Human Values-Student Induction Program	16/08/2019	17/08/2019	200
Patriotism, Honesty, Privilege and Confidence	16/08/2019	16/08/2019	400
Talk on Truth	11/02/2020	11/02/2020	400
Talk on Right understanding within us	18/02/2020	18/02/2020	400
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Public Transport The Institute has 17 college buses and 3 KSRTC busses providing transportation facilities to the students coming from different locations of Mysuru. Therefore, the carbon footprint of the entire institute is relatively less. Pedestrian-friendly roads The campus areas have been designed with the concept of open spaces including roads and lawns. The natural landscape has been preserved while accommodating the demand to use these venues actively for gatherings, ceremonies, and recreation. There is a clear pedestrian connection through all campus roads and adequate parking facilities. Plastic- free campus GSSSIETW has initiated Go Green to make it a plastic free campus and conducted many activities to create awareness among the students. GSSSIETW presents GO-Green Bags to the guests, students, staff and resource

persons from various companies. Paperless office GSSSIETW has a sophisticated software HERAIZEN to avoid the paper for maintaining documentation. A culture of reuse and recycling has been actively advocated throughout the campus. Several initiatives have been implemented to significantly limit paper traffic such as cashless transactions, multi user printer at central administrative locations of the institute office and at department levels, circulation of documents and notifications through electronic mail. SMS. Student monitoring is done using software HERAIZEN in which we maintain daily attendance of student, personal information like contact details of student as well as their parents. Green landscaping with trees and plants Plantations, Lawns, gardens have been specially developed and are maintained verdant. The systems and processes are also checked for their greenness on regular basis.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1. Title of the Practice: Experiential Learning (Learning by Doing): Horizontal connectedness across courses and technical events for professional learning and skill development. 2. Goal: The existing curriculum for all courses suffers limitation particularly in two aspects. One is the knowledge gap which means that the alarming increase in the new knowledge acquisition emerging from multitude of research studies Many theoretical concepts have not been incorporated in the curriculum from time to time. This obviously results in not being able to cope with newer circumstances, work and context. Obviously, this leads to the problem of skill deficiency which hinders employability. Keeping this in view, the institute has evolved a number of skill development programmes which could be offered simultaneously while doing the course. In addition to the academic activities, Institute aims at developing and enhancing various skills of the students through the following events: Conduct personality development programmes. Encourage participation in curricular and extra-curricular activities Imbibe leadership skills Inculcate entrepreneurial skills Provide a platform for learning from Academic and Industry experts. 3. The Context: Feedback from employers and alumni revealed that drastic improvement is required for equipping the students to fit to the present day. As a result of extensive consultation and discussions, it was realized that programs for enhancement of skills needs to be introduced for the students to be industry ready after graduation. Skills required from students not only pertain to the discipline of study but also across the programs. Institute provides a conducive environment to the students for a better learning experience, by organizing various technical events such as Workshops, Project Symposium, Idea Competitions, Certification Courses and Entrepreneurship Awareness Camp throughout the year. 4. The Practice : All the departments have forums in their respective departments to take care of organising the technical events on current trends in technology in order to improve technical skills of the students. The institute organizes Project symposium every year as a student interface providing platform to share and gain knowledge. Working model exhibition is organized by the institute, where the models developed by the students are exhibited and encouraged by rewarding the best ones. The college organises various co-curricular and extra-curricular activities which aims at encouraging student participation in various activities within and outside the institute. An exclusive EDC - Entrepreneur Development Cell, Institution's Innovation Council and Technology Business Incubator aimed at inculcating and nurturing entrepreneurial skills among students is setup in the institute. Extensive research activities are carried out through the university recognized research centres and programme specific laboratories. 5. Evidence of Success: Enhancement in behavioural communication skills of the students from first year to final year is an ample testimony for the success of the programs being organized. The prizes / awards won by the

students in technical and other events emphasize the impact of the programs. The performance of the students in placements is an indication of the success of the programs being organized. The review result indicates that there is a considerable improvement in the following : a) Successful performance in present job b) Ability to use technology in work place c) Obtaining additional consideration in securing job, promotion etc. d) Preference in obtaining internship in leading institutions e) Decreased dependencies on external training agencies Best Practice 2: Title of the Practice – "Project Symposium". Objectives of the Practice "To provide a forum to exhibit the technical challenges implemented in electronics, telecommunication,computer technology, information processing and related areas". The Context Project symposium highlights the opportunities and challenges in all the engineering sectors, get in sight into the future procurement plans to examine the technology options and strategies. This creates a platform to exchange ideas of students of various departments, which also encourage their minds to actively involve, interact and to enhance their knowledge. The Practice The uniqueness of the project symposium are the papers presented by the students and published in IEEE publication Bangalore section. IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefits of humanity. The members in IEEE inspire a global community to innovate for the betterment through highly cited publications, conference, technology standards and professional and educational activities. IEEE publishes one third of the world technical literature in electrical engineering, computer science and electronics with a leading developer of international standards. Evidence of Success Before the conduction of the project EXPO, papers from various colleges were invited in the field of robotics, electronics and communication, computer science and engineering. Finally, around 10-15 papers were obtained from outside colleges in which few papers were selected from the basic criteria specified by the IEEE publication. All the papers were presented with their ideas and new techniques by sharing their works. The best paper was awarded by appreciating their work from the session chair.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://geethashishu.in/images/Best-Practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

GSSS Institute of Engineering and Technology for Women was established in 2003 with a vision to provide value based technical education to women under the leadership of our Visionary, Late Prof. B S Pandit. In its span of 18 years GSSSIETW has become one among the leading engineering institutes in Mysuru region. Four Programs namely CSE, ECE, ISE and TCE are extended the accreditation by NBA, New Delhi for next 3 Years (01.07.2020 to 30.06.2023). At Present GSSSIETW has 5 UG, 2 PG and 11 Research centers with an overall intake of 480 and 36 students in UG and PG respectively. Apart from Engineering it also provides MBA (Management Program) in Marketing, HR and Finance with an intake of 120 students. All research centers have sufficient research supervisors to guide the research scholars in their respective areas of specialisation. The Institute is renowned for discipline and quality technical education it imparts to its students. The Institute has been achieving good results right from its inception in 2003. The Institute maintains a good placement record with major core companies visiting for campus placements. Leading recruiters involve VM Ware, Infosys, and Siemens to name a few. The Institute aims at achieving its vision of being committed and a leading institute in catering value based technical and management education to Women.

Provide the weblink of the institution
http://geethashishu.in/

8.Future Plans of Actions for Next Academic Year

 1. Apply for NBA accreditation of EEE and MBA departments. 2. Apply for Permanent affiliation for the department of ISE by the affiliating university. 3. Enhance the research culture among students and faculties through the funding from government / non government funding agencies. 4. Strengthening the activities of EDC (Entrepreneurship Development cell) and IIC (Institution Innovation Council). 5. Encourage students and faculties to take up MOOC Courses.