



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		EAST WEST INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Dr. K Channakeshavalu
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08023286732
Mobile no.		9482514447
Registered Email		principal@ewit.edu
Alternate Email		principal@ewit.edu.in
Address		# 63, Off Magadi Road, Anjana Nagar
City/Town		Bangalore
State/UT		Karnataka
Pincode		560091
2. Institutional Status		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. Shashishekar T R
Phone no/Alternate Phone no.	08023286732
Mobile no.	9980211355
Registered Email	shashishekartr@gmail.com
Alternate Email	principal@ewit.edu.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.ewit.edu.in/documents.html
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.ewit.edu.in/documents.html

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B++	2.77	2017	02-May-2017	01-May-2022

6. Date of Establishment of IQAC	26-Jan-2016
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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
Workshop On NBA Accreditation Process Under AICTE MARGADARSHAN Scheme	07-Feb-2020 2	150

INTELLECTUAL PROPERTY RIGHTS & INNOVATIONS	23-Jun-2020 5	126
AICTE Sponsored FDP on OBE & Its Impact on Accreditation Process	06-Jul-2020 5	120
View File		

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
DR. SURESH M B and PROF. SANJU DJ	SSP	KSCST	2019 365	4500
DR. K N RADHIKA	SSP	KSCST	2019 365	3500
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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)

• IQAC has played an active role in organizing various technical events such as Conferences, Workshops, Hands On Training Programme FDP, SDP and Seminars in Association with BITES (Board of IT Education Standards) and other professional organizations. • IQAC has increased the number of project proposals to fetch research grants from various funding agencies by encouraging R D activities. • IQAC has encouraged IPR activities to create awareness about the importance of Patents. • IQAC has initiated Training Placement activities for all the branches and has signed MOUs with companies to get the Training Placement assistance.

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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	Achievements/Outcomes
Strengthening of Teaching Learning Process	Webinar on use of Active present for Digital Teaching Learning Skills
Strengthening of R&D activities	Modernization of Advance Communication under MODROBS Scheme
Initiation to submit for Funds by students and faculty	KSCST Sponsored None Students Projects of Final Year, IEI Sponsored project on Solar Drone
Quality Enhancement	2 Days FDP On NBA Accreditation Process, Certification Program on NBA under AICTE Margdarshan Scheme
Skill Enrichment for Students and Faculty	Seminar on IOT and machine learning, Workshop on Database and its Applications, Hands on workshop on DBMS, FDP on Fundamentals of physical design using cadence tool flow, Python Programming For Image Processing And Computer Vision
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Council	24-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

30-Sep-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

GEMS – AUTOMATING ACADEMIC PROCESSES A GEMS is a web based software application to manage Academic

functions for Educational Institutions by Advaya Softech. GEMS SOFTWARE provides Management modules on Students Admissions, Students Academic performance, Students Mentoring, Faculty Management, Faculty feedback, Semester Activities, Fees Management, Examination, Question Bank Management, Broadcast message, etc., that give a bird's eye view of the institution at the click of a button. The college will appoint a single point of contact (Chief GEMS Coordinator) who will act as the interface between the college and Advaya for all implementation and customization and for the smooth conduct of the work. Each department have a GEMS Coordinator who will champion the implementation in their department.

1. Admission Module:
 - Apply Online over the Web, Approve, Verify and Admit Online
 - Admit CET, COMEDK and Management quota students
 - Instant Id Card Generation
 - Capture Fees, Photo, Documents and Transcripts
 - Mail Notification to the Candidate
 - Generate Admission Lists and Reports
2. Admission Reports
3. Student Management:
 - View / Edit Student Profile
 - Manage Change of Branch, Readmission and Backlogs
 - Separate Student and Parent Login
 - Student Activity management
 - Student Reports
4. Faculty Management
 - Faculty Management
 - Time Table, Attendance
 - Faculty Performance Feedback – flexible parameters setting
 - Faculty feedback: Schedule Feedback cycle , Capture Feedback Online, Feedback trend and Reports
5. Semester Activities
 - Upload VTU URN numbers
 - Enrol Students to Courses, Subjects
 - Create Section, Timetable
 - Take Class Attendance, Special class, Substitute faculty, instant notification to parent etc
 - Create and enter Internal Assessments
 - Generate and send Progress Report and Attendance Report
 - Email and SMS Notification to Student / Parent.
6. PreExam
 - Generate MIS reports including backlog subjects reports
7. PostExam
 - Import / Enter Marks
 - Make Results available Online/Email/SMS to parents, students
 - Generate MIS Reports
8. Broadcast Message
 - Send Bulk SMS / Email to all or selected list of faculty / students / parents
 - View Reports
9. Fees Management
 -

Configure Fee Categories and Frequency

- Capture Student Fees across categories
- Consolidated report on Fees Due, Paid, Demand
- SMS / Email reminder to Student/Parent on Fees
- Reports on Fees due, paid and payable by department, student, fee type, dates etc. Flexible online reporting.

9. Student Mentoring

- Add / remove transfer Students
- Manage meeting
- View History
- Download Reports

10. Faculty Feedback by the Students

- Customizable Feedback Questionnaire
- Schedule Feedback cycle
- Capture Feedback Online
- Feedback trend and Reports

10. Question Bank

- Create question bank by Module, Unit, Topic, Subtopic
- Create Question Paper templates
- Generate multiple question papers – instantly or scheduled
- Integrated with science, Maths and engineering symbols dictionary
- Ability to key in questions, cut and paste, image paste., etc

11. Parent Portal

- View Profile / Semester Activity.
- View Consolidated Marks card.
- View Fees Details and Mentoring Report.

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

The Institution is affiliated to Visvesvaraya Technological University and follows the curriculum prescribed by the University. The Principal along with the Heads of the Department conduct the IQAC meeting to discuss the Academic Calendar of Events prescribed by the affiliating university and designs its calendar of events in alignment with the university schedule to accommodate suggested number of lecture hours, tutorial hours, practical hours which will facilitate effective delivery of curriculum and achieve the programme outcomes.

The Institution arranges the co-curricular activities to enhance the curriculum. The college also has well-established library so that the students and faculty can keep abreast of changing technologies in their respective courses. The Courses and other department coordination work will be allotted well in advance to each faculty based on their expertise and interest. Each Course Coordinator will prepare a Course outcomes(Cos), course plan, Question Bank, Assignment Questions and map the CO's with Program outcomes and Program Specific Outcomes based on the syllabus provided by the University well before the commencement of the semester consisting of all the aspects mentioned in the syllabus prescribed by the affiliating university, the same will be approved by the respective departmental heads after scrutiny. The Time table will be prepared by Time Table coordinator in consultation with HOD at department level. After completion of each class the faculty members will fill the work dairy- topics covered and the same will be monitored and evaluated by the

respective departmental heads at the end of every month. Daily work abstract and weekly work abstract is maintained at the departmental level, the HODs of the respective departments will monitor and evaluate the work abstracts on a daily basis, any deviations will be brought to the notice of all the concerned and necessary corrective actions will be initiated swiftly. Practical labs will be conducted as per the list of experiments mentioned in the syllabus given by the affiliating university. A laboratory manual consisting of List of experiments, schedule of conduction will be made available to the students at the beginning of each of the semester. Faculty members are also encouraged to conduct the experiments beyond the curriculum prescribed by the affiliating university, to enrich the domain knowledge of the students. For effectively conducting the laboratory each lab will have two faculty members and one lab instructor. Three internal assessment tests will be conducted in every semester to assess the performance of the students, the question paper for the internal assessment tests will be strictly adhere to the revised blooms taxonomy and the format prescribed by the affiliating university. The evaluation of the internal assessment tests will be done on time with due diligence and the performance of the students will be communicated to the students and the parents timely. The internship shall be completed during the period specified in the Scheme of Teaching and Examination prescribed by the university. The internship shall preferably be at an industry or R and D organization or IT company or Government organization of significant repute for

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
NA	NA	17/12/2020	00	NA	NA

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NA	18/12/2020
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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	Computer Science Engineering	02/09/2019
BE	Civil Engineering	02/09/2019
BE	Information Science & Engineering	02/09/2019
BE	Electronics & Communication Engineering	02/09/2019
BE	Electrical & Electronics Engineering	02/09/2019
BE	Mechanical Engineering	02/09/2019
MBA	Master of Business Administration	02/09/2019
MCA	Master of Computer	02/09/2019

	Applications	
Mtech	Structural Engg	02/09/2019
Mtech	Geo Tech	02/09/2019
Mtech	Digital Electronics	02/09/2019
Mtech	Thermal Engg	02/09/2019
Mtech	Computer Science	02/09/2019
Mtech	Information Technology	02/09/2019
Mtech	Networking	02/09/2019
Mtech	Machine Design	02/09/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	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
3 Day FDP on “Emerging Technologies in Advanced Computing”	27/08/2020	120
3 Day FDP on “Latest Trends in Information Technology”	17/08/2020	130
5 Day FDP on “Stemming Technologies – Concretes Industry and Academia ”	10/08/2020	132
FDP on “Journey to the Cloud”	17/07/2020	125
Webinar on “ Real Time Applications using Data Science”.	30/07/2020	98
Workshop on “Machine Learning”	31/10/2019	130
Guest Lecture on “Database and its Applications”	03/10/2019	135
Seminar on “Micro Sim and Model Sim”	19/09/2019	135
Guest Lecture on “ Programming in Python Machine Learning	24/08/2019	129
Seminar on machine learning IOT	23/09/2019	91

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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
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BE	Computer Science and Engineering	304
BE	Information Science & Engineering	198
BE	Civil Engg	378
BE	Mech Engg	198
BE	Electronics & Communication Engineering	314
BE	Electrical & Electronics Engineering	108
MBA	Master of Business Administration	151
MCA	Master of Computer Applications	32
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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	Yes

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

Feedback Obtained
<p>The institution conducts student feedback process every semester to improve teaching, infrastructure and the entire learning experience for the students during their tenure. Institution has initiated an online and offline student's feedback system to obtain feedback on teaching, learning and various academic activities. A feedback will be analysed online and offline twice a semester for the continual improvement of the process. The student feedback is considered as a valuable source of information to measure the effectiveness of teaching, learning process and facilities provided. All the feedback received by the Students, Parents, Alumni, Teachers and Employers are collected and reviewed for further necessary improvements and will be scrutinized in the IQAC, GC, HODs meetings based on the proceedings important suggestions will be incorporated.</p>

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
BE	Computer Science & Engineering	180	250	168
BE	Information	120	130	111

	Science & Engineering			
BE	Electronics & Communication Engineering	180	163	126
BE	Mechanical Engineering	180	70	38
BE	Civil Engineering	180	115	70
BE	Electrical & Electronics Engineering	60	32	20
Mtech	Digital Electronics	36	3	Nil
Mtech	Computer Science & Engineering	24	13	5
Mtech	Machine Design	18	16	8
Mtech	Structural Engineering	18	30	11
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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	533	169	173	33	206

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	Number of smart classrooms	E-resources and techniques used
206	162	41	30	6	10

[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)

'Mentoring System': Each faculty will be the mentor of a group of 20 to 25 students. Each student will have a proctor book maintained by the Mentor. First year students will have mentors from the department of Basic Science Engineering and second, third, fourth year students will have mentors from the parent department. Departmental faculties will continue to be mentors for the same group of students till their graduation. The Institution has very effective mentoring system in which a mentor / proctor keeps track of the student's progress on regular basis. Remedial and special classes are also conducted in addition to personal counseling. Parent

Teacher Meetings: Parents are invited at least once in a semester to discuss the progress of their wards. This is in addition to the regular monitoring of student's progress by their respective mentor. Institution has facility to update attendance on daily basis to the parent / guardian. Responsibilities of the Mentor: The mentor will perform the following functions. A mentor can always do more for the benefit of the students. • Meet the group of students at least twice a month. • Continuously monitor, counsel, guide and motivate the students in all academic matters. • Advise students regarding choice of electives, project, summer training etc. • Contact parents / guardians if situation demands e.g. academic irregularities, negative behavioural changes and interpersonal relations, detrimental activities etc. • Advise students in their career development / professional guidance. • Intimate HOD and suggest if any administrative action is called for. • Maintain a detail progressive record of the student. • Maintain a brief record of all discussions with students. The HOD shall meet all mentor of his / her department at least once a month to review proper implementation of the system. Advice mentors wherever necessary. Initiate administrative action on a student when necessary. Keep the head of the institute informed. Academic committee: Institute's academic committee will discuss mentoring related issues at least twice in a semester during its meetings and revise / upgrade the system if necessary.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
702	206	1 : 20

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
216	206	10	10	35

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
2019	Dr. Prathap B N	Professor	Dewangmehta National Education Award, Business School Affair
2019	Dr. Prathap B N	Professor	Researcher of the Year Educational Excellence Awards 2019 International Award for Teachers Researchers.
2019	Dr. Shashi Shekhar T R	Professor	NESA Environmentalist of the Year Award 2019 By National Environmental Science Academy, New Delhi

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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-	Date of declaration of results of semester-
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			end examination	end/ year- end examination
BE	CV	2019-20	28/08/2020	12/09/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

EWIT is affiliated to VTU, Belagavi. We adhere to the syllabus laid by the University. CIE at Institutional level is carried out in the following manner.

The students are given the syllabus in detail identifying different modules, after each topic is taught various assessments modes are followed like test, tutorials, seminars, etc., are conducted. The university question paper are resolved in the classroom, a model papers are prepared by the faculty to help students to prepare for the final exam. The academic calendar displays the CIE dates well in advance so that students can prepare for it, CIE is carried out for both theory and practicals. The assessment marks are recorded and notified to parents through SMS, letters and emails to track student performance.

Remedial classes are conducted to the slow learners. The performance of the students are monitored and reviewed by HOD after every test and same is briefed to the Principal. The Institute guides students to get internship projects in reputed organization this will enhance the skills which will be monitored by conducting the reviews. During the project phase of the students the good abstracts are uploaded to the different funding agency to help students to get the needed exposure. The industrial visits are conducted semester wise students are advised to submit the report.

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

The Institution ensures effective time management, it receives University calendar, based on the University time line college prepares calendar of events which includes time plan for curricular as well as extracurricular activity for the students. This academic calendar helps faculty and students to plan out their teaching and learning process. Following the institution academic calendar every department prepares departmental calendar to ensure timely delivery of syllabus, weekly and daily abstracts are maintained in the department. In the calendar of events CIE dates are mentioned, this becomes a guideline to the faculty to plan out the tutorials which will enable the students to prepare well for the CIE. After every practical class the student practical records are valued and viva-voce conducted. At end of every semester, average of three internal assessments marks is sent to the University.

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.ewit.edu.in>

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
CGT	Mtech	Geotechnical Engineering	17	17	100
MMD	Mtech	Machine	3	2	77.77

		Design			
SCS	Mtech	Computer Science & Engineering	7	7	100
LDE	Mtech	Digital Electronics	1	1	100
EEE	BE	Electrical & Electronics Engineering	42	42	100
ME	BE	Mechanical Engineering	157	143	91
CV	BE	Civil Engineering	184	162	88.04
ECE	BE	Electronics & Communication Engineering	156	130	83.33
ISE	BE	Information Science & Engineering	90	84	96
CSE	BE	Computer Science & Engineering	162	127	78
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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)

<http://www.ewit.edu.in/assets/pdfs2/NAAC-SSS-RESULT.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
Nil	365	VTU-Avishkar	0.05	0.05
Nil	730	DST	35.05	26
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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
Five day National Conference on Intellectual Property Rights (IPR) innovation	Department of Basic Science	23/06/2020

International webinar on Multifunctional applications of Nano Metal oxides	Department of Basic Science	29/07/2020
Three day webinar on Managing self during pandemic	Department of Basic Science	09/07/2020

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
Educational Excellence Awards 2019, International Award for Teachers Researchers.	Dr. Prathap B N	Mindauro LLC	01/09/2019	Educational Excellence Awards 2019, International Award for Teachers Researchers.
Researcher of the Year, Dewang Mehta National Education Award, Business School Affair	Dr. Prathap B N	Dewang Mehta Educational Institution	01/08/2019	Researcher of the Year, Dewang Mehta National Education Award, Business School Affair
Environmental ist of the Year	Dr. ShashiShekar T R	NESA	19/12/2019	Environmental ist of the Year
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
00	NA	NA	NA	NA	17/12/2020
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
25	4	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
Mechanical Engg	1
Electronics Communication Engineering	1
Computer Science Engineering	1

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	Mech Engg	22	3.5

National	Civil Engg	3	2
International	Civil Engg	16	3
National	CSE	11	3
International	CSE	20	3
National	ISE	10	2.5
International	ISE	25	3
National	ECE	2	2
International	ECE	30	3
National	Mech Engg	2	2
View File			

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	12
Basic Science and Humanities	12
Civil Engineering	11
Mechanical Engineering	3
Information Science and Engineering	24
Computer Science and Engineering	50
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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
"Radio Number of kth-transformation graphs of a path"	Dr. Yoga lakshmi S	International Journal of Applied Graph Theory	2019	1	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India	2
"Radio Number of Transformation graphs of a cycle"	Dr. Yoga lakshmi S	International Journal of Applied Engineering Research	2019	1	Research Center, Department of Science, East West Institute of Technology, VTU,	2

					Bengaluru 560091, India	
"Green engineered nano MgO and ZnO doped with Sm ³⁺ : Synthesis and a comparison study on their characterization, PC activity and electrochemical properties"	Ravi Kumar C R, Anil Kumar M R, Prashantha S C	Journal of Physics and Chemistry of Solids	2019	1.5	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India	2
"Decorat ion of silver nanoparticles on activated graphite substrate and their electrocatalytic activity for methanol oxidation"	Ravi Kumar C R	Journal of Science: Advanced Materials and Devices	2019	1.5	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India	2
"Computational Analysis of Micro Channel Path Optimization of Heat Exchanger Based on Thermal Boundary Cocept"	Dr. Shivakumar H M	UGC Care Journal	2020	1.5	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India	2
"Enhanced photocatalytic and electrochemical performance of	Ravi Kumar C R, Anil Kumar M R	Scientific Reports	2020	1.5	Research Center, Department of Science, East West Institute	2

TiO ₂ -Fe ₂ O ₃ nanocomposite: Its applications in dye decolorization and as supercapacitors					of Technology, VTU, Bengaluru 560091, India	
"Electrochemical and photocatalytic properties of green nickel oxide nano materials synthesized using Plectranthus amboinicus plant leaf extract"	Ravi Kumar C R, Anil Kumar M R	Advanced Material Letter	2020	1.5	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India	2
A Novel Disposable Electrochemical DNA Biosensor for the Rapid Detection of Bacillus thuringiensis	Ravi Kumar C	Microchemical Journal	2020	1.5	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India	2
Sonochemical synthesis of NiFe ₂ O ₄ nanoparticles: Characterization and their photocatalytic and electrochemical applications	Ravi Kumar C R, Anil Kumar M R, Prashantha S C	Applied Surface Science Advances	2020	1.5	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India	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
Nano CuO: Electrochemical sensor for the determination of paracetamol and d-glucose	Ravi Kumar C R	Journal of Science: Advanced Materials and Devices	2019	26	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
CostusPictus leaf extract mediated biosynthesis of Fe and Mg doped CuO nanoparticles	Ravi Kumar C R, Anil Kumar M R	Journal of Physics and Chemistry of Solids	2019	24	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
Modelling and Optimization of Double Choking Ejectors for Refrigeration Systems	Dr. Shivakumar H M	Scopus Indexed Journal	2020	26	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
Facile green synthesis of silver oxide nanoparticles and their electrochemical, photocatalytic and biological	Ravi Kumar C R	Inorganic Chemistry Communications	2020	26	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India

studies						
Facile green synthesis of silver oxide nano particles and their electrochemical, photocatalytic and biological studies	Prashantha S.C	OPTIK	2019	26	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
Optical and Electrochemical Applications of Li-Doped NiO Nanostructures Synthesized via Facile Microwave Technique	Ravi Kumar C R, Prashantha S C	Materials	2020	26	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
NaFeS ₂ as a new photocatalytic material for the degradation of industrial dyes	Ravi Kumar C R	Journal of Environmental Chemical Engineering	2020	26	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
Electrochemical properties of biogenic silver nanoparticles synthesized using <i>Hagenia abyssinica</i> (Brace) JF. Gmel. medicinal plant leaf extract"	Ravi Kumar C R	Materials Research Express	2020	26	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
Lanthanum	Ravi Kumar C R,	Asian Journal of	2020	26	10	Research Center,

Doped Strontium Titanate Nanomaterial for Photocatalytic and Supercapacitor Applications	Anil Kumar M R	Chemistry				Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India
Sonochemical synthesis of MnFe ₂ O ₄ nanoparticles and their electrochemical and photocatalytic properties	Ravi Kumar C R, Anil Kumar M R	Journal of Physics and Chemistry of Solids	2020	24	10	Research Center, Department of Science, East West Institute of Technology, VTU, Bengaluru 560091, India

[View File](#)

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

Number of Faculty	International	National	State	Local
Presented papers	2	65	6	Nil

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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
Health Check up Blood Donation Camp	NSS	70	580
Online Covid19 Awareness quiz	NSS	10000	9762

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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
Nil	Nil	Nil	Nil

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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	Name of the activity	Number of teachers participated in such	Number of students participated in such

	agency		activites	activites
NSS	NSS	Health Check up Blood Donation Camp	120	494
NSS	NSS	Online Covid19 Awareness quiz	70	580
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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	Nithin N K,Manjunath O	Institute	7
Faculty Exchange	Manjunath O	Institute	7
Faculty Exchange	Hemanth Y K	Institute	1
Faculty Exchange	Hemanth Y K	AICTE	21
Faculty Exchange	Chethan Kumar B H Chethana E	Institute	7
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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
Training and Placement Assistance	MOU	TECHNIC LABS	01/08/2019	31/07/2020	78
Training and Placement Assistance	MOU	LOGINWARE SOFTTECH PVT. LTD	01/08/2019	31/07/2020	17
Training and Placement Assistance	MOU	CADD MAX SOLUTIONS PRIVATE LIMITED	01/08/2019	31/07/2020	65
Training and Placement Assistance	MOU	CSIR NAL	01/08/2019	31/07/2020	50
Training and Placement Assistance	MOU	IN RAYS TECHNOLOGY	01/08/2019	31/07/2020	40
Training	MOU	KSHIPRA	01/08/2019	31/07/2020	20

and Placement Assistance		SIMULATIONS PVT LIMITED			
Training and Placement Assistance	MOU	KGTTI	01/08/2019	31/07/2020	100
Training and Placement Assistance	MOU	TECHNICAL INSTITUTE FOR ENGINEERS	01/08/2019	31/07/2020	120
Training and Placement Assistance	MOU	RAREMINDS	01/08/2019	31/07/2020	44
Training , Placement Assistance	MOU	APEX GLOBAL TECH SOLUTIONS	01/08/2019	31/07/2020	60
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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
APEX GLOBAL TECH SOLUTIONS	05/03/2020	Training , Placement Assistance and Product Service	60
RAREMINDS	14/02/2019	Training Placement Assistance	44
TECHNICAL INSTITUTE FOR ENGINEERS	18/05/2019	Training Placement Assistance	120
ANAND TECHNOLOGIES	21/08/2019	Training Placement Assistance	17
LOGINWARE softtech Pvt. Ltd	15/07/2019	Training , Internships placement Assistance	78
Infosys	23/02/2019	Training Placement Assistance	50
VELADRO	05/02/2019	ERP software	97
InfiData Technologies	06/08/2019	Training Placement Assistance	50
Coding Superstar	24/02/2020	Training Placement Assistance	120

Google Cloud	13/04/2020	Training Placement Assistance	45
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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
700	688

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

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 partially)	Version	Year of automation
Libsoft	Partially	09	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	7381	35898	33	377	7414	36275
Reference Books	4327	5911	29	29	4356	5940
No file uploaded.						

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	Date of launching e-
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		is developed	content
NA	NA	NA	17/12/2020
View File			

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	980	1	100	1	1	25	15	100	0
Added	0	0	0	0	0	0	0	0	0
Total	980	1	100	1	1	25	15	100	0

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

100 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
System with high speed internet and video recording facility	http://ewitmba.edu.in/study-materials
System with high speed internet and video recording facility	https://ewitise.org.in/study-materials
System with high speed internet and video recording facility	http://www.ewitcse.edu.in/academicdocs/assignmanuals.html

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 incurred on maintenance of physical facilities
135	127	565	561

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)

Classroom assignment and utilization: The classroom schedule and assignment of the classrooms is decided by time table Coordinators in consultation with HODs and Principal. The time table is designed by time table Coordinators so that the available classrooms are used optimally, classroom use is the time in which the room is occupied for academic classes. Timetable Coordinators will take care to allot classes ensuring that classes are placed in appropriately sized classrooms i.e, according to the capacity of classroom and student strength of class. Classrooms can be used for academic activities and to organize events when there is no instructional schedule. Use of classroom for these activities must be made with prior permission of the authorities.

Laboratory use and assignment: The concerned Head of Department and timetable Coordinators decide the allocation of the laboratories according to necessity

in accordance to the time table, in such a manner that will ensure maximum utilization without any problems. Research Laboratories: Research space is allotted to faculty members and students undertaking research activities or research projects. Research space in the department is allocated for special equipment or laboratory infrastructure. Seminar Hall and Conference Rooms: Seminar Hall and conference rooms are allotted by Principal/Director of the college. It is allocated for following purposes. 1. Meeting of college Governing council committee. 2. Meeting of IQAC. 3. Faculty and staff meeting by the principal. 4. Vivo-Voce of Ph.D 5. Workshops, Seminars, Cultural activities. 6. Meetings of different college committees. 7. Any other events Permitted by the principal. Gymnasium and sports facility: The rules regarding utilization of sports facilities are laid by the college Physical Director in consultation with Principal. They aim to serve as general guidelines for internal users and external users and source of information pertaining to college sports facilities users. The college authority reserves the right to modify or amend these rules when necessary. Announcements concerning the above will be made via notice boards in the premises accordingly. All sports facilities present in the campus are mainly used for sports education, training, competition and recreation by college students, faculty and staff members. In the well-equipped gymnasium, the schedule of gymnasium is decided by physical Director. Library: Library provides membership of library to each students staff of college. Every students staff of the college has to fill library membership form for access the library as well as get the I-Card. Students are issued 2 books on their account for 15 days.

<http://www.ewit.edu.in/documents.html>

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	PG Scholarship Scheme For SC / ST Students Professional Courses UGC, Post Matric Scholarship for ST Students Govt. of Karnataka, Post Matric Scholarship (Vidyasiri) For: Cat 1, 2A, 3A, 3B OBC and GM Students Govt. of Karnataka	1721	34950000
Financial Support from Other Sources			
a) National	0	Nil	0
b) International	0	Nil	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

Bridge Course	20/08/2020	8	INHOUSE
Yoga	20/11/2019	153	RAGAVENDRA YOGA SCHOOL
SOFT SKILL	06/08/2020	42	RAREMINDS
WORKSHOP ON DATABASE ITS APPLICATION	10/04/2020	742	RNSIT/SVIT /KSIT/ DAYANAND SAGAR INSTITUTE OF TECHNOLOGY
Personality Development Programme	19/03/2020	252	BITES
Workshop on Motivation-IGNITE	26/03/2019	254	BITES
Seminar on The Power of Choice for Integrity	22/02/2020	509	ISKON
Workshop on Personality Development	19/03/2019	504	BITES
SOFT SKILL DEVELOPMENT	04/02/2020	155	ABC
Seminar on Higher Education	24/01/2020	252	Jambore Technologies
View File			

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 passed in the comp. exam	Number of students placed
2019	Guest Lecture on Gate Exam and other Competitive Exam	512	600	40	305
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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
2	2	8

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of	Number of	Number of	Name of	Number of	Number of

organizations visited	students participated	students placed	organizations visited	students participated	students placed
COGNIZANT	98	3	INFOSYS	336	23
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2	BE	EEE	VTU	Mtech
2019	2	BE	Civil	VTU	Mtech
2019	5	BE	ECE	VTU	Mtech
2019	3	BE	Mech	VTU	Mtech
2019	4	BE	ISE	VTU	Mtech
2019	8	BE	CSE	VTU	Mtech
View File					

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
GATE	12
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annual Athletic Meet 12	Institution Level	450
AAkriti Cultural Fest 12	Institution Level	3500
Football Tournament 12	Institution Level	20
Netball Tournament 12	Institution Level	40
Throwball Tournament 12	Institution Level	20
Tennis 12	National Level	1
Karate 12	National Level	1
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Silver Medal in Net Ball Tournament held at Andra	National	1	Nil	NA	Shwetha

	Pradesha					
2019	Runner up position in Netball Tournament held at Andra Pradesha	National	1	Nil	NA	Ganesh gowda H.D
2019	Bronze Medal in Netball Tournament held at Mysore	National	1	Nil	NA	Honna Raju R and team
2019	2nd place in Throwball held at B.M.S.C.E	National	1	Nil	NA	Sridhar.R and team
2019	Runner up position in Athletic (20k walk) held at GNDEC Bidar	National	1	Nil	NA	Sheethal gowda.K
2019	2nd place in Throwball held at GAT (VTU Single Zone	National	1	Nil	NA	Sheethal gowda and Team
2019	3rd place in Tennis held at Andra Pradesh	National	1	Nil	NA	Spurthy G
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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)

The College creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Through academic committee, the college regularly conduct Curricular, Co-curricular, extracurricular activities: such as, Project competitions, design competitions, intra inter departmental activities, Conferences, Seminars, Workshops, Guest Lectures by Learned Professors CEOs', Symposiums, Quiz, Industrial Visits, etc. for the overall development , up gradation of the knowledge for the students the staffs. The college also provides Sponsorship facilities to students and faculty for participation,

presentation publication in national international journals, seminars, workshops, conferences, symposiums and R D Activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Institution has registered Alumni Association registered under Karnataka Societies Registration Act, 1960 (Karnataka Act 17 of 1960) on 23/02/2007 bearing Society Registration No.: BLU-S1277-2006-07. EWIT Alumni has distinguished themselves by occupying high positions in India and abroad. The institute regularly interacts with the Alumnis and organizes Alumni meet ones in a year at each Department to bring all the Alumnis together for the development of the existing students and also to get their assistance in Training Placement activities, Internships, Projects, etc., Alumni network plays a significant role in:

- Network of New students, existing student old student.
- Distinguished Alumni lecture series: GL, Memorial lectures, Seminars, Technical talks, etc.,
- Distinguished Alumni awards for best Alumni Members Co-ordinators.
- Newsletters Magazines can publish.
- Setting up a lab chair profession ship from EWIT Alumni Association
- Mentoring the junior students for projects, training placements, entrepreneurs, etc.,
- Responding to social cause- flood relief, earth quake relief etc., helping orphanage, environmental related issues, planting the tress, health check up blood donation camps, NSS camps, Swatch Bharath, etc.,
- Issue of email id, Id card, guest house
- Donating old books, supporting education of poor, monitoring mentoring the students
- Creating a separate website having a link
- Skill development activities, technical seminars, Industrial visits, GD, etc.,

5.4.2 – No. of enrolled Alumni:

819

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

1790504

5.4.4 – Meetings/activities organized by Alumni Association :

- Alumni members are part of IQAC.
- Alumni members are invited for all the IQAC meetings to get their suggestions and guidance in Training Placement, Internship, Projects, Industrial Visits, etc.,
- Alumni members are invited to deliver Guest Lectures / Expert talks on career guidance.
- Alumni interactions are conducted to motivate the students in various academic / non academic related activities

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)

Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system by forming various Academic Committees- by giving decentralized powers to the HODs and faculty members and to work in various committees for the smooth conduction of all the academic and non-academic related activities of the college. The various committees formulated in the College:

- NBA, IQAC , ISO ,VTU, AICTE, LIC reports, Compliance reports preparation committee.
- Research Monitoring Committee
- Workshops, Seminars, Conferences, Internship, Publications, Professional Memberships, PG courses etc.
- III Cell, Entrepreneurship Development Cell [EDC]
- MOUs', Incubation

Centre, Projects Proposals, Centre of Excellence, Consultancy. • Campus Connect program, Pre- Placement training programs, Skill development programs, Placement activities, Alumni. • Publicity, Newsletter, Magazines, Soft Skill Development, Communication skills etc. • Academic Audit committee, work load calculations, daily weekly work abstract, calendar of events, result analysis, time table, class monitoring, Slow Learners Monitoring remedial classes, Preparation of Lab Manuals, Q.B, Resource Material, Parents teachers meet, Progress reports. • VTU Examinations – Practical , Theory, Internal Assessment monitoring conduction Infrastructure Development Maintenance • Student Grievance Redressal cell, Student counselling, Disciplinary, Anti ragging committee and squad, Anti Sexual Harassment Committee, Women Empowerment cell, College Internal Complaint Committee, SC / ST / OBC Cell, etc • Event management of all the Functions / Programs / Sports / Cultural / Celebration of National festivals / Celebration of all the Days like Teachers day, Engineers day, etc, Prizes award distribution • Library committee: Central Library / PG Library Dept. Library, E-Shikshana, NPTEL / MOOCS • NSS, Social activities, Community Development, Canteen, Transportation, Hostels, Health centre / Parking, General Facilities. • Stock Verification Feedback • Internet / Wi-Fi / Website development Updation / UPS / Computer Peripherals Maintenance / Software / Printers / System, Online / Offline exams conduction, ERP- GEMS, Software installation Monitoring. • Appointments - Staff selection and review • Admission committee. (CET, COMED- K, Lateral entry, Management) • Finance, Budget Planning Committee

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 as per the University 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 higher secondary examinations, counseling centre inside the College helps the parents to enquire information about the range of courses, eligibility criteria, and process of admission as well as academic support facilities. The College has participated in various educational fairs. The admission process sticks to the norms given in the government order. The quality education in the college ensures good word of mouth.
Industry Interaction / Collaboration	Institution has an Industry institution interaction cell which is established with the motto of developing good relationship with the

	industry for industrial visits, invited talks, placement and extension activities.
Human Resource Management	Complete transparency is maintained in recruitment and selection process of human resource. Employees are supported by good infrastructural facilities and conducive working environment. Good support is extended by the Institution to the faculty members in taking research and consultancy activities.
Library, ICT and Physical Infrastructure / Instrumentation	Library is well equipped with reference books, textbooks, journals, periodicals and newspapers etc. The Library operations are automated through Software LibSoft version 9. Text Books 36275 Reference Books 5940 e-Books 11113 Journals 4 e-Journals 7400 Digital Database 5089
Research and Development	? Research and Development The institution provides the required facilities to most of the faculty members to pursue research in the chosen area. In addition to this, institution exposes/motivates faculty for doing sponsored projects. Emphasizes on creation of research centres and further developing them to centre of excellence.
Examination and Evaluation	The assessment of student's performance during the conclusion of a program has to be done using examinations. Computation of (Semester Grade Point Average) SGPA Level Outstanding Excellent Very Good Good Above Average Average Fail Grade S A B C D E F Grade Points 10 9 8 7 6 4 0 Score (Marks) Range () ? 90 <90 ? 80 <80 ?70 < 70 ?60 < 60 ?45 < 45 ?40 < 40 (90-100) (80-89) (70-79) (60-69) (45-59) (40-44) 0- 39 For passing: Aggregate 40 of Total marks (Minimum 35 in SEE) to obtain "E" grade i.e. Passing grade Continuous Internal Evaluation (CIE): Three CIE tests are compulsory. No additional test will be given at any circumstances. Any type of malpractice during the test lab examination will be viewed seriously and disciplinary action will be initiated. Average of THREE TEST marks will be considered as final CIE marks. CIE will be conducted for 50 marks and converted to 30 marks. 10 Marks for assignments, unit test written quizzes. SEE will be conducted for 100 Marks but

it will be converted to 60 Marks by the University while declaring RESULTS.

<p>Teaching and Learning</p>	<p>? Teaching and Learning The institution meets all the requirements of staff as per AICTE norms and appointed them through staff selection committee. At the same time, the institution enforces the teaching staff to plan teaching materials and methods of teaching under the due direction of Heads of the Departments and the senior most faculty members. The totality of understanding achieved by the student community is evaluated repeatedly during periodical tests, preparatory examinations and laboratory tests etc., based on the assessment, the weak students are given extra coaching classes / bridge courses / laboratory classes etc.,</p>
<p>Curriculum Development</p>	<p>The institution develops and practices extensive action plan for effective implementation of the curriculum through the following: • Institution prepares its semester calendar in alignment with the university calendar of events. • During departmental meetings, HODs discuss the choice of subjects and allocate the subject to the faculty based on their expertise and experience. • Based on subject allocation, time table is prepared. • Individual faculty members decide on the subject-wise assignments in consultation with the HOD and are communicated to the students. • HODs conduct the faculty meeting to review syllabus completion</p>

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

E-governance area	Details
<p>Planning and Development</p>	<p>The College is functioned with e-governance system for Planning and Development in various aspects like college is having website through which information is disseminated. The college is having ERP software for transparent function of finance and accounts. The students data base is maintained through GEMS software. Institution has adopted the e-governance in examination system also.</p>
<p>Administration</p>	<p>The Administration of the College is functioned with E-governance system in various aspects. The college have website at institutional level and at</p>

each department level to provide up to date information of all academic and non-academic activities of the college to various stake holders. College have Biometric attendance for teaching and non-teaching staff. The college campus ID equipped with CCTV Cameras at very place of need.

Finance and Accounts

The college uses the tally ERP 0.9 v software for E-governance for transparent functioning of Finance and Accounts department of the college. This helps to increase the efficiency of staff towards the accuracy in financial transactions. The college conducts regular audit of annual books of accounts. The administrative office keeps the all financial records separately as per the events and transactions made for. The administrative office maintains the Books of Accounts properly which helps in auditing procedure.

Student Admission and Support

The college prospectus and application form are uploaded in the College website. The college has GEMS software for Admission Module to enable the following facilities: ? Apply Online over the Web, Approve, Verify and Admit Online ? Admission through CET, COMED-K and Management quota students ? Instant Id Card Generation ? Capture Fees, Photo, Documents and Transcripts ? Mail Notification to Candidate ? Generate Admission Lists and Reports ? Admission Reports

Examination

? Examination The College has the separate Examination department with equipped ITC tools necessary for examination purpose. As per the requirement of Examination department all the necessary equipments are provided by the college such as Separate Desktop and Internet Facility for online procedure of QPDS. The examination department has the separate Machine for printing the question papers downloaded from university portal. The College has GEMS Software- Examination Module for running the Examination procedure. Pre Exam: Generate MIS reports including backlog subjects reports. Post Exam: Import / Enter Marks, Make Results available Online/Email/SMS to parents, students, Generate MIS Reports.

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
2019	BHAGYA	Engineering statistics and Linear algebra at GAT,Blore	0	750
2019	HARSHA PHADKE	Engineering statistics and Linear algebra at GAT,Blore	0	750
2019	NAMRATHA NAIKAR	Engineering statistics and Linear algebra at GAT,Blore	0	750
2019	PRAMILA B	FDP on Artificial intelligence Machine Learning at GAT,Blore	0	750
2019	Prof.Usha M	3 Day FDP on Machine Learning Deep Learning using Python at RNSIT , Bengaluru	0	750
2019	Prof.Supritha N	3 Day FDP on Microcontroller s and Embedded Systems Lab, Cambridge Insitute of Technology, Bengaluru	0	500
2019	Dr RAVI KUMAR C R	International Conference On Advances in Materials, Ceramics Engineering Sciences	0	1650
2019	Dr ANIL KUMAR M R	0	The ElectroChemical society of India (ECSI)	3000
2019	Dr ANIL KUMAR M R	0	Asia Society of Researcher (ASR)	1500

2019	Dr.Yogalakshmi S	0	Academy of Discrete Mathematics and applications	2000
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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 professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	3 days workshop on blended learning technique on Embedded and IOT sensor application	3 days workshop on blended learning technique on Embedded and IOT sensor application	27/01/2020	29/09/2020	20	Nil
2019	Webinar on use of Active present for Digital Teaching Learning Skills	Webinar on use of Active present for Digital Teaching Learning Skills	17/07/2020	17/07/2020	120	Nil
2019	Webinar on demystifying Intellectual property and IP strategy	Webinar on demystifying Intellectual property and IP strategy	20/06/2020	20/06/2020	18	Nil
2019	Research Trends and Opportunities in Cryptography	Research Trends and Opportunities in Cryptography	20/06/2020	20/06/2020	180	Nil
2019	2 Days FDP On NBA Accreditation Process, Certification Program on NBA under	2 Days FDP On NBA Accreditation Process, Certification Program on NBA under	07/02/2020	08/02/2020	75	20

AICTE Marg darshan Scheme on

AICTE Marg darshan Scheme on

[View File](#)

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
Participated in the webinar on "Underground Structures for Rapid Transport"	1	10/07/2020	10/07/2020	1
Participated in webinar on "Geopolymer Concrete Applications, Challenges and Opportunities" by Dr. R.V. Ranganath, Professor, Civil Engineering Department, BMS College of Engineering, Bangal	1	28/07/2020	28/07/2020	1
Participated in the Technical Webinar on "Building Information Modelling (Bim) Approach in Whole Life Cycle Of Construction Projects"	1	05/08/2020	05/08/2020	1
Participated in Two Day National Level webinar on "BRIDGE ENGINEERING-A GLOBAL PERSPECTIVE	2	17/07/2020	18/07/2020	2
Participated in 5 Days	2	03/08/2020	07/08/2020	5

Faculty Development Program on CONSTRUCTION AND GEOINFORMATICS				
Factors affecting structural Prognosis	1	18/08/2020	18/08/2020	1
Participated in a Three Day National Level online Faculty Development Program on "REHABILITATION AND RETROFITTING OF STRUCTURES"	2	04/06/2020	06/06/2020	3
Participated in a One Week Faculty Development Program on "ADVANCED TECHNOLOGY IN CIVIL ENGINEERING" .	1	15/06/2020	19/06/2020	5
Participated in Three Day Faculty Development Program on "INNOVATIVE TRENDS IN CIVIL ENGINEERING"	3	22/07/2020	24/07/2020	3
Participated in Two Day webinar on "STRUCTURAL AND GEOTECHNICAL ADVANCES IN CIVIL ENGINEERING"	3	20/07/2020	21/07/2020	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
206	206	112	112

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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ESI, PF, CL, Vacations, ML, Group Insurance	ESI, PF, CL, Vacations, ML, Group Insurance	Group Insurance
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6.4 – Financial Management and Resource Mobilization

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

Yes, the Institution conducts internal audit regularly through an on campus internal auditor. Yes, the Institution conducts external financial audits regularly through Poojari Associates according to the rules and regulations of the regulatory authorities.

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	NIL
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6.4.3 – Total corpus fund generated

207000000

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	Null	Yes	IQAC
Administrative	No	Null	Yes	IQAC

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

• Minimum of two Parent Teachers meetings are conducted per semester, to discuss the performance of the students. • Feedback from the parents are collected and reviewed for further necessary improvements. • The Parent members are the part of IQAC and they will be invited for all the IQAC meetings to get their suggestions in improvement of the institution.

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

• Training Development programmes for teaching and non-teaching staff. • Personality Development programmes for teaching and non-teaching staff. • Motivational programmes for teaching and non-teaching staff. • Workshop on Professional Ethics for teaching and non-teaching staff.

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

• Strengthening of Research Activities and submission of proposals to seek funds from various agencies. • Initiated to enhance number of conferences at National and International level across all the Departments. • Waste water treatment plant commissioned as an eco-friendly measure. • As Green Campus initiative 2000 saplings planted.

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

No

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
2019	FDP On "NBA Accreditation Process	07/02/2020	07/02/2020	08/02/2020	150
2019	Five day National Conference on Intellectual Property Rights (IPR) and innovation	23/06/2020	23/06/2020	27/06/2020	150
2019	NCACE EWIT- 2019	03/10/2019	03/10/2019	04/10/2019	120

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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
International Womens Day Celebration	09/03/2020	09/03/2020	190	130

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. Vinyl stickers are placed in all the floors of the institute for promoting awareness against wastage of water and electricity. 2. Planting of trees (green drive) is done inside the campus by NSS unit. 3. Ample quantity of power saving LED lamps are installed in the campus. 4. Waste water recycle units installed in the campus and treated water is used for gardening and improving environment.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4800
Provision for lift	Yes	4800
Ramp/Rails	Yes	4800
Braille Software/facilities	No	Nil
Rest Rooms	Yes	4800

Special skill development for differently abled students	Yes	12
Scribes for examination	Yes	12

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	1	1	27/03/2020	3	Participated in Fight Corona Ideathon Organized by MHRDs Innovation Cell, AICTE	To Provide awareness and Precautionary Measures taken against Corona	20
2019	1	1	20/09/2019	01	Seminar on social awareness	To work for the emotional oneness and harmony of all the people of India regardless of caste, region, religion or language	160
2019	1	1	05/09/2019	01	Road Safety Awareness Program	To prevent accidents and enhance the free flow of traffic. Some Traffic rules and regulation like Do not drink and	550

						drive, Wear Helmet, etc.,	
2019	1	1	23/08/2019	01	Plantation Programme	To promote Green Initiative	120
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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)
Inaugural day of the first year academic session	01/08/2019	A code of conduct, rules and regulations of the institute for students is illustrated in the academic diary.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
AICTE Sponsored Universal Human Values workshop	02/05/2020	06/05/2020	3
Training programme on Professional ethics	24/01/2020	24/01/2020	300
Guest Lecture on Constitution of India and Professional Ethics By Prof. Anuradha M V	04/11/2019	04/11/2019	500
Yoga Classes by: Dr Vijay kumar C N, Dr Maruthi B H	16/08/2019	16/08/2020	470
Talk on Universal Human Values by Disha Foundation	08/08/2019	08/08/2019	450
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Energy conservation: Ample provision is made for natural illumination and ventilation across the campus, to minimize the usage of power. Use of LED bulbs is adopted to save power. To create awareness among students and staff programmes were conducted. Save energy boards are displayed in each room. Use of renewable energy: Solar water heaters are used in hostels. Institution is planning to install solar panels on roof top of academic blocks. Water Harvesting: Water harvesting system is available with storage of more than one lakh liters capacity. Institution has bore well recharging pits. Efforts for Carbon neutrality: The campus is free from noise and air pollution to ensure carbon free environment. The institution is situated in a green serene atmosphere with more than 869 trees. Programmes are conducted to create awareness among students and staff. Plantation: More than 869 trees, 461 pots

and 500 saplings. E-waste Management: E-waste is accumulated and periodically handed over to the certified agencies / vendors of electronic equipment for safe and proper disposal.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE -1 Value Education Enhancement of subject Technical knowledge and Decision Making Skills, Communication skills, Inter-personal Organizational Skills, for enhancing Innovative problem solving skill, Discipline Time Management Skill, and Leadership Team Skills following curricular and co-curricular activities are undertaken. **BEST PRACTICE -2** : Maintenance of Environment Friendly campuses Institute NSS unit will promote students to plant trees inside and outside the campus. As a Green Energy initiative, we dependent on solar power and having roof top solar plants in the main building and in hostels.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.ewit.edu.in/documents.html>

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

The institution's vision of promoting the core 4D Principles of our Founder Chairman Sri C M Nagaraj to inculcate the values of Discipline, Dedication, Duty and Deference and inspire the young students to imbibe them thoroughly as well as carefully. The college has given priority to enhance capacity development in the Institution, to attaining excellence in teaching - facilities and methodologies, to improving competency of Staff students, to enhancing Institution Industry Collaboration, to strengthening academic reforms in the Institution, to nurture the holistic development of students community, to impart quality oriented teaching pedagogies in enriching young minds.

Provide the weblink of the institution

<http://www.ewit.edu.in/>

8.Future Plans of Actions for Next Academic Year

- Initiation of NBA process.
- Strengthening of R D.
- To encourage faculty members to register for Ph.D and to write proposals.
- To encourage students faculties to publish articles in peer reviewed journals.
- Strengthening of skill / technical enhancement programmes.
- To promote co-curricular / Extra co-curricular activities.
- To motivate faculty for Industry-Interaction with objectives to get Sponsored Projects and Placement of Students.
- To sign more no. of MOU with industries to get Industry Sponsored Projects and Internship, Training of Students.
- To establish Incubation centre.