



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

EAST WEST INSTITUTE OF TECHNOLOGY

**NO. 63, OFF MAGADI MAIN ROAD, VISHWANEEDAM POST, NEAR ANJANA
NAGAR, BEL LAYOUT, BENGALURU.**

560091

www.ewit.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Late Shri. C M NAGARAJ great social worker, Teacher, Educationist, Philanthropist established Subramanya Educational Society in 1968 with a vision of giving quality education to all. First initiative was Saraswathi Vidhyanikethan with 27 students at Malleshwaram with Kannada medium. He was elected as Mayor of Bangalore in 2002 when his son Late. Shri. C N Ravikiran took initiative to fulfil his father's dream and now the society has 06 institutions with 5960 students studying. Presently the legacy is carried forward by Smt Rashmi Ravikaran, Chairperson, and Sri Tejas Kiran, Secretary, East West Group of Institutions.

East West Institute of Technology was established in the year 2001, Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi, Recognized Under Section 2 (f) & 12 (B) of the UGC Act, 1956, The Institute is recognised by Government of Karnataka , Institution's Innovation Council (IIC) and Atal rankings of Institutions on Innovation Achievements (ARIIA).

Vision

To be an Institute of Academic Excellence in Technical and Management Education on par with global standards to meet changing needs of the Society.

Mission

- To impart quality technical education that nurtures the young minds by providing the best of teaching learning process and state of the art infrastructure.
- To foster technological advancement through research.
- To inculcate holistic personality development through best practices.
- To implant ethical and social commitment that grooms the students to become responsible citizens.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Institute has excellent infrastructure with ample built-up area and spacious play ground
- State of the art facilities to facilitate teaching learning and research.
- Visvesvaraya Technological University (VTU) recognized 08 Research Centers.
- Ravi Kiran Center of Excellence for training and skilling the students in latest technologies through various certification programs.
- MOU with Industries to bridge the gap between the Industry and the Academia.
- Institution Innovation Council (EWIT-IIC) and Incubation Center are established in association with Minister of Education (MOE).
- The institution is situated in a prominent locality in the city of Bangalore with good access to public transportation.

- Sponsored research projects from various funding agencies.
- Institute has well qualified and highly dedicated Teaching and Non-Teaching Staff.
- Internet with adequate band width and well stacked library with textbooks, journals, and digital resources.

Institutional Weakness

- Students, being from rural and semi urban areas, are striving to meet national and global standards in technical Education and facing language barriers.
- Limited access to research grants being a self-financed institution.
- Being an affiliated institution it is difficult to attract meritorious creamy layer with the rising number of private, state, central universities.

Institutional Opportunity

- Potential to become an Autonomous Institute and State private university.
- Can become the center of potential excellence in engineering education.
- Harness alumni strength for institutional growth and development.
- To enhance transformation of ideas to Startup through incubation center.

Institutional Challenge

- With a wide range of career opportunities available in the Software / IT sector, attracting quality students to enroll in the core engineering branches like Civil, EEE, and Mechanical Engineering has become a challenge.
- Being an affiliated institution, meeting the industry demands and expectations with rapid change in technology has become a challenge.
- Attracting core companies for placements become a challenge.
- Promoting sponsored research and consultancy as per industry requirements become a challenge.
- Imparting value-added courses and student exchange programs on niche technologies to bridge the curricular gaps in the stipulated time period of an academic year has always been a challenge.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Institute emphasizes on Outcome Based Education (OBE) in all programmes and courses with clearly defined learning objectives and outcomes to align with the Vision and Mission of the Institute. The Institute follows the curriculum prescribed by Visvesvaraya Technological University (VTU). Academic Calendar of the Institute is prepared in compliance with the academic calendar of VTU. Academic calendar of the Department is prepared in line with the Institute's academic calendar. Various activities to support gender sensitization, environment issues, human values, professional ethics, Value Added Courses, Expert Lectures, Workshops, Seminars, Conferences, Industrial Visits and other Technical Club and Cultural events are organized to enhance the individual talents and ensure holistic development of the students. The Institute follows Choice Based

Credit System (CBCS) as prescribed by VTU. Apart from syllabus coverage, topics beyond the syllabus are covered. The students are encouraged to choose inter-disciplinary, intra-disciplinary courses that are offered as elective courses. The curricular gaps are identified and certificate/add-on/value added courses are conducted to complement student's knowledge and skills in their field of study through *Ravikiran Centre of Excellence*. The main objective is to equip the students in current technologies and also to reduce the gap between academia and industry. The Institute improves the soft-skills of the students by imparting training through placement cell. The students strengthen their knowledge and skills through internships, projects and field works. Faculty members are encouraged to participate in FDPs and workshops to keep themselves updated. Regular feedback is taken from all the stakeholders and actions are executed to implement valid suggestions for continuous improvement. To assess the effectiveness of curricular implementation plan, the IQAC reviews the academic preparation, orientation of faculty towards the subject, understanding of the curriculum requirements, teaching practices adopted by the faculty for each subject. Courses on Ethics & Values and Environmental Studies are part of core courses. In the last 5 years, **73** value-added courses were offered and roughly around 38% of students have benefitted. Thus, the institute ensures the effective implementation of curricular aspects.

Teaching-learning and Evaluation

The quality of teaching- learning process leads to success of the Institution. Each stakeholder plays a vital role in achieving it. The Government of Karnataka governs engineering admissions for UG and PG through a centralized admission process handled by Karnataka Examinations Authority (KEA). Highly qualified and committed faculty members remain the backbone of the institution. The diversity of faculty members and their unrelenting focus on teaching and research enable to realize the requirements of modern day teaching-learning process. The teaching schedule is meticulously planned in accordance with the University's Calendar of Events. Flexibility is included in the preparation to develop and implement custom made Learning methodologies to improve learning outcome. With good number of courses following Project Based and Experiential Learning pedagogy, the emphasis of the teaching-learning process is on enhancing the learning experience. The institute has adopted Mentorship program to address grievances of the students individually and motivate them in all respects. Quality checks of the Continuous Internal Evaluation question paper are initiated at the departmental level by the HoD. As a learning organization, we have always engaged in a continuous process of obtaining feedback from different stakeholders in a formal-informal manner and have enriched the teaching learning processes. The Institute strictly follows the AICTE/VTU norms to maintain the required standards to provide quality education. The quality of the faculty present at the institute is demonstrated by their number of publications and recognitions. Outcomes of all the courses are discussed with the students by the concerned teachers and made available on the website. Timely student satisfaction surveys are administered, and input is reviewed for appropriate action. ICT enabled classrooms, use of learning management system and wide exposure to various digital tools, enable all faculty members to practice ICT enabled effective teaching. The faculty requirement is analysed and recruitment is carried out on need basis. EWIT has faculty strength of 185 and the faculty-student ratio is 1:16. Faculty members with Ph.D qualification are available in all the departments. Good number of faculty members have received awards, recognitions, fellowships at State, National and International level in the last 5 years

Research, Innovations and Extension

Research and Innovation activities are the key features to define the quality of the academic environment in the institution. The Institution has prioritized the Research and Innovation activities. The focus is to create an ecosystem for developing research culture across the campus. Institute emphasizes mainly to enable progression

of students to get orient towards Innovative thinking and get involved in Research. To enable this, the institute offers Doctoral Program in various departments. Presently 41 research scholars are pursuing Doctoral Programs in the various R&D centers. The Institution has received research funds of more than 1.5 crores from various agencies like AICTE, VTU ,VGST, KSCST, DST, ISRO etc., in the last five years and has contributed to various research publications and technical books. The Institution has filed 27 Patents in the last five years.

Institution has established a IIC(Institute Innovation Council) to promote Innovation, Entrepreneurship and to take care of Incubation activities. It coordinates with the different departments in the Institute to initiate related activities. The Centre provides assistance for the Faculty and Students to carryout Research, apply for funding, initiate incubation activities and conduct awareness programs. IIC unit has involved in conducting awareness programs on IPR and Entrepreneurship, Ideathon, Hackathon, Internship Program and Extension activities. Ministry of Education has awarded 4 Star rating to IIC unit. For enabling the students to sensitize social problems, the NSS, NCC and Rotary Club units of the Institute organizes various extension activities.

The Institution has established Ravi Kiran Center of excellence through which high end industry need based skill development certification programs are offered to the students which plays a prominent role in transfer the knowledge and skill sets required according to the latest technological trends.

Infrastructure and Learning Resources

Physical Infrastructure: The Institute has well developed infrastructure comprising of adequate number of ample class rooms, Seminar Halls and Board Rooms. The Seminar Halls are equipped with LCD projector, computer with internet connectivity and public address system. The institute also has auditorium for conduction of cultural and student centric activities. The Institution has required number of Laboratories with necessary equipment's and softwares. The institute has Indoor stadium with badminton and table tennis courts and playground with multi sports arena having facilities for cricket, hockey, basketball, volleyball, football, running tracks etc., Gymnasium and Yoga Centres are also available in the campus.

Internet and ICT resources: The Institute is facilitated with 1030 computers that are accessible to the students and the staff members for academic, research and examinations. The entire campus is monitored by CCTV facility for monitoring and surveillance. Internet Bandwidth connectivity is upgraded to 500 Mbps as per the requirements. Wi-Fi connectivity is provided for the entire campus. The institute has adequate number of LCD projectors and other facilities to facilitate effective functioning.

Library Resources: The institute has fully automated Library separately for UG and PG programs with a combined seating capacity of 200. Library has 11220 Tittles and 42709 Volumes catering to diversified needs of students and faculty members. VTU Consortium is a single-window service for Technical Institutions providing access to the online e-resources like Elsevier, Science Direct, Springer Nature, Taylor and Francis, Emerald Management, McGraw Hill Education, New Age International, Mint Books, turnitin (Plagiarism Software), Lanquill (Writing Grammar Tool) and MAPMy Access remote tool. The VTU Consortium provides access to 7693 e-Journals and 9144 + e-Books and open access e-journals (5700+) and e-books (10000+).

Maintenance of Campus Infrastructure: Institution has a maintenance team comprising of Resident Engineer, which carries out the maintenance of buildings, classrooms, seminar halls, and laboratories. The Maintenance team ensures all physical facilities are in intact.

Student Support and Progression

The Institute has a Vision to build citizens through continuous support and enhancement of capabilities through various schemes and opportunities like CM Nagaraj Scholarship - the scheme offered by the Management of East West Group of Institutions that supports and enhances the learning of poor and meritorious students by reducing their financial burdens with fee concessions.

Through Ravikiran Centre of excellence capabilities of the students are tuned and promoted by various activities towards better qualities of leadership and life skills. Opportunities are wide opened to participate and experience administrative practices through numerous clubs and committees functioning in the Institute.

EWIT Placements and training Cell supports students by nurturing them to develop their confidence, communication, soft and aptitude skills to cater the needs of industries with best placements and as well to crack the competitive exams. Institute's Physical Education department organizes various games and sports to build students physically and mentally. Institute assists students to exhibit their skills in cultural and sports at various levels like University, Intra and Inter collegiate, State and other competitions. In last five years, Institute has hosted three Annual Sports competitions at the University level.

Alumni Connect - The Institute has an Alumni Association that meets in the Institute campus on designated Day. The Alumni Association seeks to unite graduates with each other and the current students through mentoring and career development programs, events and reunions and a range of volunteer opportunities.

Governance, Leadership and Management

The Institute's Vision and Mission are futuristic in nature. The Governing Council (GC) of the Institution is the main administrative body and its objective is to offer quality education in the best possible means to ensure that the students are employable and socially acceptable. The Institute believes in promoting a culture of delegation of powers through strategic plans and policies. The various functional committees are formed to continuously monitor academic and non-academic activities. The Strategic plan of the Institution is well defined and structured with an aim at accomplishing excellence through effective utilization of resources. Deployment of the quality policy is done by providing excellent academic infrastructure, conducive learning environment and harmonious work culture. The institution adheres to the procedure and policy guidelines as per AICTE/VTU. The Service rules of the institution summarizes the HR policies and practices. The Institution is governed in an e-governance model through an In-house ERP, which provides a smooth flow of information between the Administration, Accounts, Examination, Staff and Students to enhance the speed and quality of internal functioning. The Institution has effective Welfare Schemes like EPF, Gratuity, leave benefits, financial support to participate in FDPs, Conferences Workshops, Seminars etc. Performance appraisal of staff is done annually. The Institute organizes FDPs, Conferences, Workshops, Seminars etc., to provide the development of staff and students. The staff are motivated to participate in academic activities, trainings, refresher courses etc., to upgrade their knowledge. Training Programs exclusively for Non-teaching staff are also conduct to enhance their skill sets. Institute effectively mobilizes resources and ensuring transparency in the financial management. Institution regularly conducts Internal and External Financial Audits. The institution has an IQAC cell that creates and reviews quality initiatives.

Institutional Values and Best Practices

IQAC, Women Empowerment Cell and other committees of EWIT conducts gender sensitization programmes for creating awareness on gender equity. This motivates the girl students and women staff to achieve their goals and make them aware of their rights. The Institute has various committees working meticulously for the student's safety and security and tries to protect the students' right by providing a fearless and carefree environment. The Grievance Redressal cell, Anti Ragging Committee and College Internal Complaint Committee are active in maintaining discipline in the institute.

The Institute is committed to keep the campus green & serene. This has been achieved through various techniques in adopting green energy initiatives, proper waste management, steps for water conservation and ban on use of plastics. Institute gives more emphasis for Rain water harvesting, installation of RO plant for potable water, installation of sewage treatment plant and massive plantations etc.

The Institute takes initiatives in implementing social responsible and ecofriendly activities through NSS. The Institute imparts awareness to the society regarding the crisis issues and organizes rallies to give awareness about social responsible activities. Institution takes more care in providing students a good environment to learn. In order to achieve this, institute conduct various programs like National Science day, World Water Day, World Environment Day, Engineers Day, Teachers Day, Swachh Bharath Abhiyan etc. Institute instigates in the minds of budding engineers the sense of gratitude towards the achievers and in turn gets motivated to think innovatively.

Institute also provides fee waivers through scholarship schemes for deserving students. To enhance the leadership qualities, the Institute gives opportunity to the students irrespective of gender in organizing curricular, co-curricular and extra-curricular activities. EWIT has implemented best practices like Integrated Teaching - Learning process through various initiatives like center of excellence, annual student project exhibition along with effective mentoring system. Research and Development is another best practice which enables the students and faculty to attract funds from various agencies to execute social concern projects.

These enable EWIT graduates to be intellectually competent, morally upright, and socially engaged citizens.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	EAST WEST INSTITUTE OF TECHNOLOGY
Address	No. 63, Off Magadi Main Road, Vishwaneedam post, Near Anjana Nagar, BEL Layout, Bengaluru.
City	Bengaluru
State	Karnataka
Pin	560091
Website	www.ewit.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	K Channakeshavalu	080-23286732	9482514447	080-23288244	principal@ewit.edu.in
IQAC / CIQA coordinator	Shashi Shekhar	080-23482825	9980211355	080-23288244	shashishekharr@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Karnataka	Visvesvaraya Technological University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	05-09-2016	View Document
12B of UGC	08-03-2019	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	03-07-2022	12	EOA will be updated every year

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	No. 63, Off Magadi Main Road, Vishwaneedam post, Near Anjana Nagar, BEL Layout, Bengaluru.	Urban	8	61191

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Science And Engineering	48	PUC	English	60	60
UG	BE,Computer Science And Engineering	48	PUC	English	180	175
UG	BE,Information Science And Engineering	48	PUC	English	120	120
UG	BE,Electronics And Communication Engineering	48	PUC	English	180	180
UG	BE,Electrical And Electronics Engineering	48	PUC	English	60	35
UG	BE,Artificial Intelligence And Data Science	48	PUC	English	60	60
UG	BE,Artificial Intelligence And Machine Learning	48	PUC	English	60	60
UG	BE,Civil Engineering	48	PUC	English	120	13
UG	BE,Mechanical Engineering	48	PUC	English	60	9
UG	BSc,Bsc Honours	48	PUC	English	60	0

	Under Vtu					
PG	MCA,Master Of Computer Science	24	Any UG degree	English	60	60
PG	MBA,Master Of Business Administration	24	Any UG degree	English	120	120
PG	Mtech,Geotechnical Engineering	24	B.E	English	18	6
PG	Mtech,Structural Engineering	24	B.E	English	18	5
PG	Mtech,Machine Design	24	B.E	English	18	2
PG	Mtech,Computer Science And Engineering Mtech	24	B.E	English	24	4
PG	Mtech,Digital Electronics	24	B.E	English	18	0
Doctoral (Ph.D)	PhD or DPhil,Computer Science And Engineering	48	PG	English	16	4
Doctoral (Ph.D)	PhD or DPhil,Electronics And Communication Engineering	48	PG	English	16	6
Doctoral (Ph.D)	PhD or DPhil,Civil Engineering	48	PG	English	8	3
Doctoral (Ph.D)	PhD or DPhil,Mechanical Engineering	48	PG	English	16	0
Doctoral (Ph.D)	PhD or DPhil,Master	48	PG	English	8	7

	Of Business Administration					
Doctoral (Ph.D)	PhD or DPhil, Physics	48	PG	English	12	2
Doctoral (Ph.D)	PhD or DPhil, Chemistry	48	PG	English	6	2
Doctoral (Ph.D)	PhD or DPhil, Mathematics	48	PG	English	12	4

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	24				40				140			
Recruited	17	2	0	19	13	13	0	26	40	100	0	140
Yet to Recruit	5				14				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				95
Recruited	54	41	0	95
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				40
Recruited	35	5	0	40
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	17	2	0	8	3	0	0	2	0	32
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	5	9	0	43	96	0	153
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	1	0	0	1	
	1	0	0	1	

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	367	29	0	0	396
	Female	320	4	0	0	324
	Others	0	0	0	0	0
PG	Male	109	2	0	0	111
	Female	85	1	0	0	86
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	2	0	0	0	2
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	40	23	16	17
	Female	33	20	12	17
	Others	0	0	0	0
ST	Male	7	7	5	4
	Female	13	4	2	8
	Others	0	0	0	0
OBC	Male	164	152	160	212
	Female	210	130	131	171
	Others	0	0	0	0
General	Male	141	130	167	129
	Female	206	162	208	243
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		814	628	701	801

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	EWIT is an affiliated college under VTU. Its academic activities comprising curriculum, teaching and evaluation are bounded by VTU norms. Since NEP 2020 emphasizes on bridging gaps between the academic and the industry. There is little scope for affiliated institutions to define curricular structure. However, EWIT has taken bold measures to provide high end skill training in thrust areas needed by the industry. They include continual training on advanced topics along with the curriculum. These supplementary high end training programs are listed below : Any student who is interested in one or more specific skills can enroll and avail the certificate upon successful completion of the program. This way
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	EWIT is encouraging multidisciplinary education. It is one step forward in implementing NEP. EWIT is also working to avail autonomy so that it can restructure the programs to map the requirements of industry 4.0 and research.
2. Academic bank of credits (ABC):	EWIT after getting autonomy would redefine the credit system and implement CBCS (Choice Based Credit Base System). Students will be allowed to register the courses from the available academic bank of credits and following appropriate policies.
3. Skill development:	EWIT identified gaps in VTU Curriculum and conducting certificate courses, Value added courses under the aegis of Ravikiran Center of Excellence along with seminars and Webinars to enhance the skills of the students for industry ready.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The government has taken several measures to impart training in the local language. EWIT is one of the first institutions to apply for a program to teach in local language from AICTE & VTU.
5. Focus on Outcome based education (OBE):	EWIT has conducted several workshops from experts in the field of OBE & adapted procedures and process to teach and evaluate courses on OBE. The outcomes are measured and attainments are calculated.
6. Distance education/online education:	EWIT plans to produce video based lectures and made it available on the web to support online education

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from,	The Institute organizes Constitution Day every year to provide the insights of Indian Constitution. All students and faculty members will be educated about the importance of voting to safe guard the Democracy. The list of students who are not enrolled

<p>assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>in voters list will be prepared and in association with Electoral officers of BBMP enrollment to voters list is driven in the campus. In association with NSS awareness rally will be arranged in nearby locality to educate the society about the importance of voting</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>Institute organizes awareness drives in association with NSS in the locality. The students from Information Science and Engineering department and Electrical and Electronics Engineering the projects 1. Anywhere voting system 2. Bio-metric voting system using Aadhar data base</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>Institute organizes Enrollment to Voters list in association with Electoral officers of BBMP in the campus to enroll the students above 18 years who are yet to be enrolled as voters.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2957	2972	3073	3333	3380
File Description		Document		
Upload Supporting Document		View Document		
Institutional data in prescribed format		View Document		

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 185

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
197	185	190	207	223

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
1124.95	867.60	1528.69	981.70	1160.84

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

The East West Institute of Technology is associated with Visvesvaraya Technological University (VTU) and follows the University's curriculum. The Principal, in collaboration with the Internal Quality Assurance Cell (IQAC) coordinator and Department Heads, convenes a meeting to discuss the Academic Calendar of Events (COE) prescribed by the affiliating university and designs institute COE in accordance with the university COE for effective curriculum delivery. The Institute COE schedule consists of the curriculum, co-curricular, extra-curricular, and Continuous Internal Evaluation (CIE).

The Department Heads lead the faculty meeting to prepare the Departmental COE and allocate courses based on their expertise and preferences. Faculty members will produce course files for the assigned courses, which will be submitted to the Department Head for approval. The course design and delivery are based on outcomes-based education (OBE). According to the VTU syllabus, each programme has well-defined POs/PSOs.

The Time Table Coordinator will prepare the Time Table in cooperation with the Department Head. After each class and laboratory session, faculty members will update the work diary on a daily basis, which will be checked and assessed on a regular basis by the Department Head.

The Department Internal Assessment (IA) coordinators will produce a CIE timetable in accordance with the departmental COE, which will be authorised by the Department Head. The conduct of CIE for theoretical and laboratory courses is rigorously governed by the University's rules. Every semester, three internal assessment tests with a four-week interval will be conducted to evaluate students' performance. The average of three tests and assignments will be used to determine the final CIE grade.

The CIE assessment procedure is transparent; answer scripts are reviewed in accordance with the scheme and solution produced by the relevant course coordinators. The achievement of POs/PSOs/Cos of each programmes is computed, and the report is discussed at HoDs meetings to determine the appropriate action.

Problem-based learning, group discussions, seminars, workshops, industrial visits, and industry-oriented certification courses are offered in addition to course delivery to help students enhance their skills and bridge curricular gaps. The HoD, in collaboration with concerned teachers, meets with stakeholders on a regular basis to assess the effectiveness of course delivery.

VTU criteria are used to evaluate technical seminars, internships, and project work. A project group of no more than four students is formed in the Undergraduate programmes (BE). Individual students will carry out the project in Post Graduate programmes (MBA, MCA, and M.Tech). Multiple reviews will be conducted at various stages of the project to evaluate the project work.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)	
Response: 73	
File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years				
Response: 37.37				
1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years				
2021-22	2020-21	2019-20	2018-19	2017-18
1904	995	956	1087	931
File Description	Document			
Upload supporting document	View Document			
Institutional data in the prescribed format	View Document			

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

East West Institute of Technology integrates societal crosscutting issues and follows the university's curriculum, integrating various socially relevant crosscutting issues such as Human Values, Moral Values, Professional Ethics, Gender, Environment and Sustainability, and so on, across UG and PG programmes to sensitise students.

All Under Graduate (UG) programmes include courses in Environmental Studies, the Indian Constitution, Professional Ethics, Cyber Law, and Universal Human Values as part of the curriculum. During the Induction programme for first-year UG programmes, students are also made aware of all of these difficulties. The program's outcomes will enable students to comprehend the significance of human and ethical principles and to instill them in their personal and professional lives.

By holding regular meetings , College Internal Complaint Committee (CICC), Grievance Redressal Cell, and Student , the Welfare and Anti-Ragging Cells monitor and guide the students.

The institution's grievance redressal cell provides counselling to students, assists with gender equity, stress management, and social challenges among students, and also deals with matters concerning the safety and security of female employees and students. Closed Circuit Television (CCTV) is installed at all of the institution's sites to monitor student activities and protect their safety.

To overcome difficulties connected to human values and environmental sustainability, the NSS unit organises numerous health, environmental, and social development initiatives such as blood donation and health checkup camps, Swatch Bharat Abhiyan, mass tree plantation programmes, and various awareness programmes.

Through curricular and co-curricular initiatives, the Institute has launched promising measures to sensitise and promote gender equity among stakeholders. To promote gender equity among students, the institute encourages flexible seating arrangements in classrooms, equal representation of both genders in class and college-level committee leadership positions, and curricular and co-curricular activities. Through mutual respect, the institute makes concerted efforts to create a welcoming environment devoid of gender discrimination.

Aside from the foregoing, the institution organises a variety of awareness programmes and activities on cross-cutting topics with the assistance of external organisations and experts. The Rotary Club's NSS initiatives, Swachh Bharath Abhiyan, blood donation, and health awareness camps play an important part in establishing an inclusive atmosphere for regional and socioeconomic diversity among students, making a positive difference and moulding them into healthy professionals.

Independence Day, Republic Day, International Yoga Day, Women's Day, Teacher's Day, Engineer's Day, Environment Day, World Water Day, and other national and international festivals and commemorative days are observed by the institution. These activities build and improve students' competency in human and ethical principles.

VTU COURSES

Issues	Course Name and Code	Offered To
Gender	NIL	
Environment and Sustainability	Environmental Studies – 18CIV59	V th Semester
	Energy and Environment – 18ME751	VII th Semester
	Non-conventional Energy Sources – 18ME651	VI th Semester
	Renewable Energy Resources – 18EE653	VI th Semester
Human Values and Professional Ethics	Constitution of India, Professional Ethics and Human Rights - 17CPH39/49	III rd /IV th Semester
	Constitution of India, Professional Ethics and Cyber Law - 18CPC39	III rd Semester
	Constitution of India and Professional Ethics - 21CIP37/47	III rd /IV th Semester
	Management and Entrepreneurship for IT Industry – 18CS51	V th Semester
	Indian Constitution - 22ICO17 / 27	I st /II nd Semester
	Social Connect and Responsibility - 21SCR36	III rd Semester
	Innovative Design and Thinking - 21IDT19/29	I st /II nd Semester
	Scientific Foundation of Health - 22SFH18/28	I st /II nd Semester
	Universal Human Values – II - 21UHV49	IV th Semester

File Description	Document
Provide Link for Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 66.05

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 1953

File Description	Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from

various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Link of institution’s website where comprehensive feedback, its analytics and action taken report are hosted	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 61.11

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2021-22	2020-21	2019-20	2018-19	2017-18
814	628	701	801	891

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1176	1176	1308	1308	1308

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2 Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 52.78

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2021-22	2020-21	2019-20	2018-19	2017-18
207	163	112	141	145

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
262	266	309	309	309

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 15.01

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The Institute employs a teaching philosophy that emphasises quality education through a student-centered approach. Experiential learning, participatory learning, and problem-solving approaches are widely used to assure students' holistic development, support life-long learning, and expand their knowledge base. These courses are delivered in accordance with the OBE at the college.

Methodologies of Experiential Learning:

Periodic industrial trips are organised to help students understand concepts realistically. Laboratory sessions are held with content that goes beyond the syllabus. The school assists students in obtaining practical experience through internships in industries focused on emerging trends. Field projects, such as survey camps, are organised to provide students with considerable hands-on experience. Students are encouraged to complete projects and compete in contests and project exhibitions to supplement their experience learning. Students are encouraged to present and publish papers at conferences and in peer-reviewed journals.

Students are encouraged to take part in programmes such as Hackathons, where they gain experience working on real-world challenges.

Seminars and expert presentations are held to help students bridge the gap between academia and industry.

Methodologies of Participatory Learning:

Workshops, hands-on training programmes, and STTP (Short Term Training Programme) in engineering and technology are held in thrust areas to promote participatory learning. Workshops in new technologies are organised in conjunction with business and various professional bodies to improve the abilities of students and faculty members.

Student technical seminars are required in all programmes, which will promote more participatory learning among the student body.

Students from upper semesters are encouraged to train students from lower semesters, which will promote more participatory learning.

Various activities are organised under the auspices of NSS, Youth Red Cross, Swatchh Bharath, such as health awareness camps, blood donation camps, commemorative days (such as Republic Day, Independence Day, and Gandhi Jayanti), plantation, annual athletic meet, and cultural fest, in which students actively participate.

Problem-solving Techniques:

To instill problem-solving abilities in students, the departments perform a variety of activities such as case study analysis and discussion, project work, internships, and group debates on new subjects.

Students are encouraged to seek for financing in the thrust areas specified by the KSCST, VTU, VGST, and other agencies, with the support of teachers. Several activities are held, and students are invited to submit their ideas for funding through the IIC.

Students will attend tutorial classes to learn problem-solving techniques. Technical exams and assignments at the end of each course module help students acquire and develop critical thinking skills, as well as problem-solving tactics. It consists of assigning tasks and administering quizzes.

ICT resources:

For digital interventions, faculty members use ICT technologies such as PowerPoint presentations, video lessons, SWAYAM, MOOCS, and Google Classroom. Students are also encouraged to use information and communication technology (ICT) tools for technical lectures and project presentations.

File Description	Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality**2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years**

Response: 93.64

2.4.1.1 Number of sanctioned posts year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
204	204	219	219	224

File Description

Document

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 15.57

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
37	32	30	30	27

File Description

Document

Institution data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

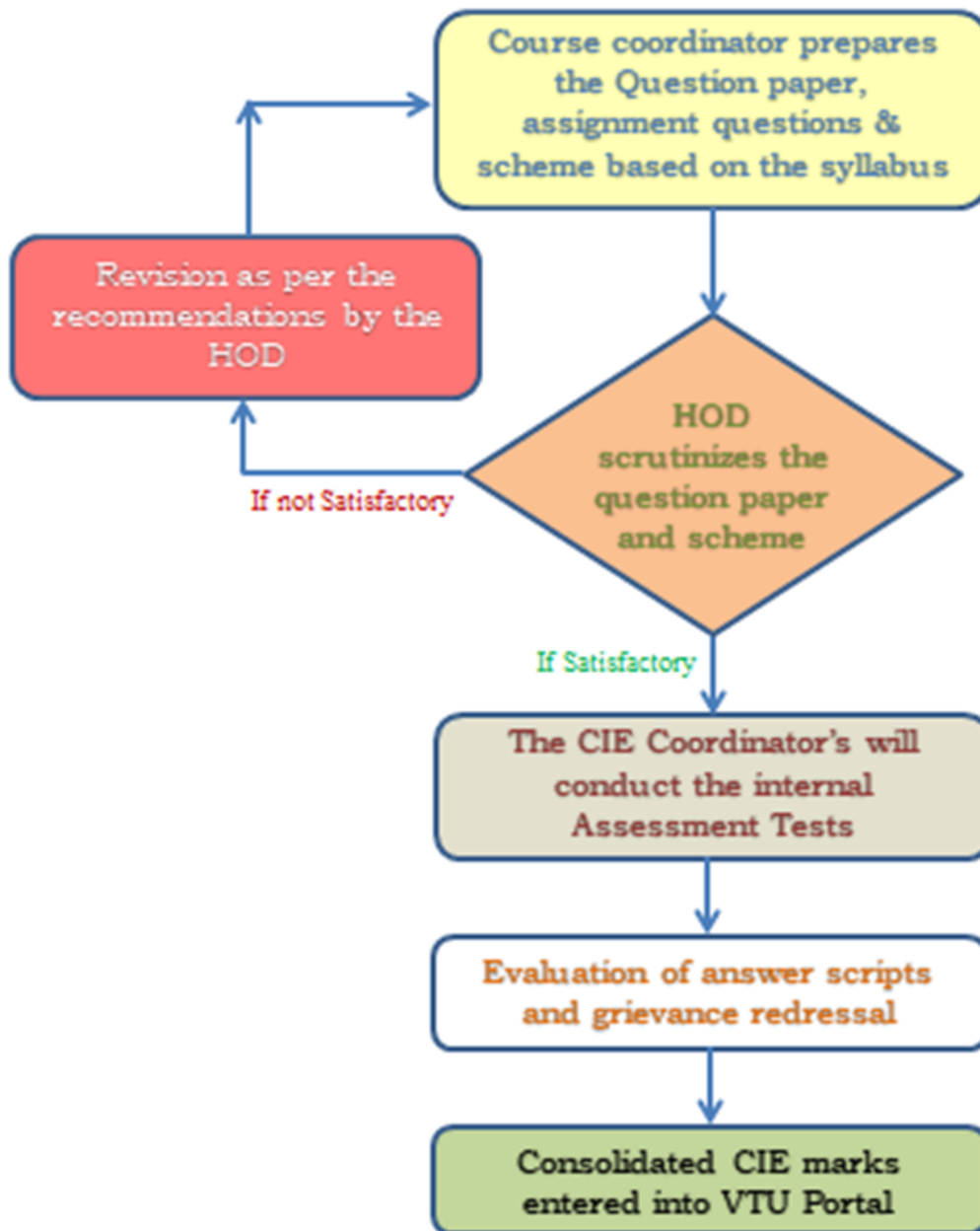
2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

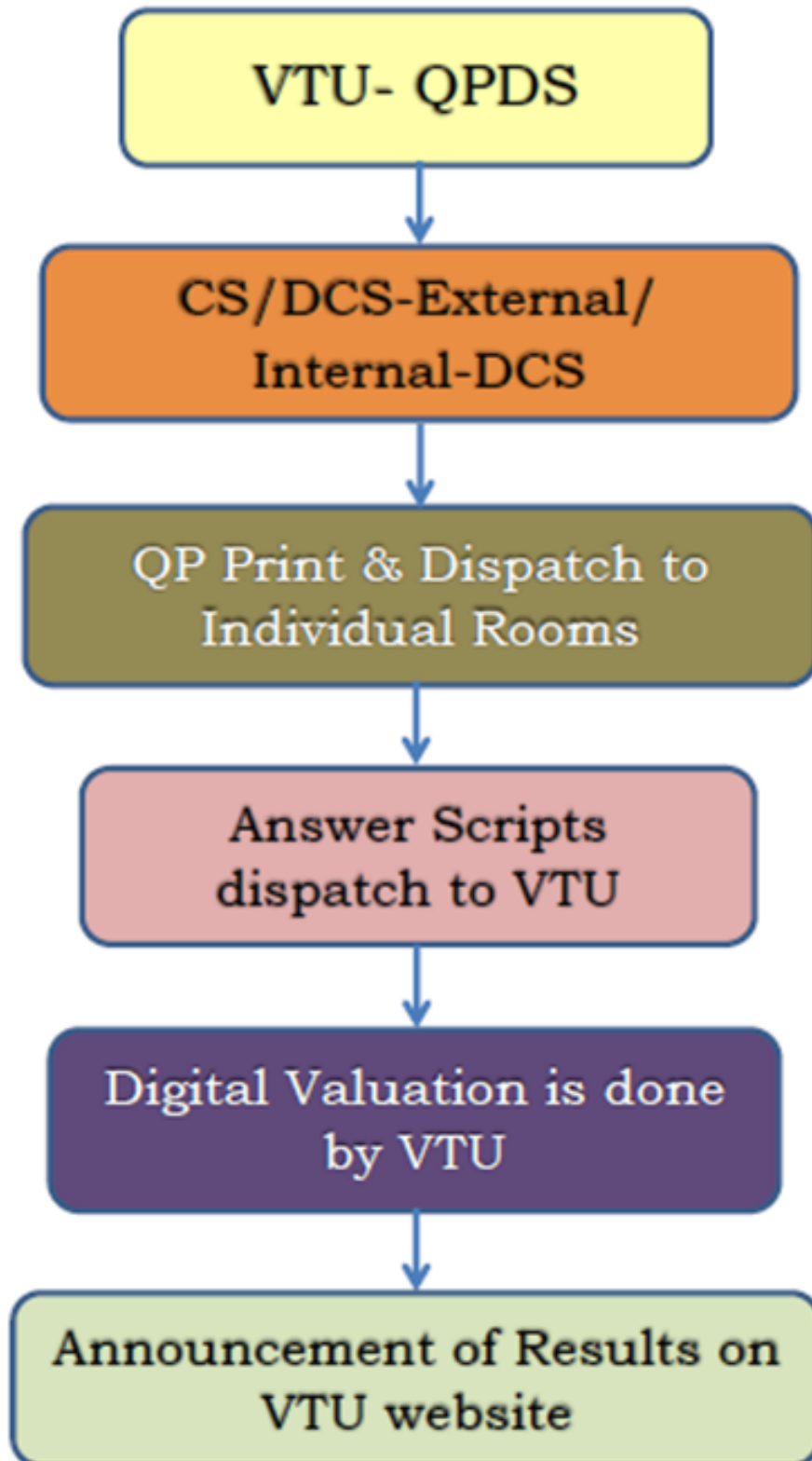
The institute follows curriculum and the evaluation system adhering to affiliating University. The Institution Prepares Calendar of events (COE) on par with the university COE. In accordance with college COE individual departments prepares the COE at department level.

1. Schedule of Continuous Internal Evaluation (CIE) will be according to the department calendar of events
2. The time table for the same will be announced prior to the commencement of tests.
3. The respective Faculty member will set the question paper along with the scheme of evaluation for the assigned subjects which need approval of HOD.
4. Soon after the completion of assessment tests and evaluation of blue books, the performance of individual student is discussed in the classroom. In case of any discrepancies or grievances, concerned faculty member resolves it immediately.
5. The final CIE Marks of a theory subject for a student is awarded by considering his/her performance in three assessment tests, assignments, Quiz and any other criteria defined by the course coordinator and communicated to the students well in advance.
6. Internal assessment for practical subjects is evaluated based on every experiment executed, records written and performance in the practical internal assessment.
7. Internal Assessment for the Project is evaluated based on the performance in periodic reviews through presentations, working model and report.
8. Internal assessment for the Seminars and internship is evaluated by Student's presentations and report.
9. The final CIE marks are entered in to the portal of the university and approved by the concerned faculty member, HOD and the Principal. The prints out of the final CIE Marks are circulated among the students and signatures are taken. Hence assuring transparency in the mechanism of internal assessment.

FLOW CHART – CONTINUOUS INTERNAL EVALUATION (CIE)

10. Semester End Examinations (SEE) are conducted as per the guidelines of the university. Question papers are received 15 minutes before the commencement of examination through QPDS – Question paper delivery system.

FLOW CHART - SEMESTER END EXAMINATION (SEE)



11. The examinations are conducted strictly adhering to the university norms where all the examination halls are equipped with CCTV cameras. The answer scripts are bundled and sent to the university on the same day.

12. The evaluation of answer scripts are done in a digitized form by the evaluators appointed by the university at designated evaluation centers.

13. The results are published in the university website. The students with any sort of grievances in the SEE results announced are provided with a provision of applying for photocopy of their answer scripts along with the marks awarded. There is also provision for applying for reevaluation in case of any discrepancies.

14. This mechanism ensures there is absolute transparency in the external assessment and the grievance redressal system is efficient and time bound.

File Description	Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

One of the major motto of the institute is to prepare the students to be competent engineers at both national and global level. In order to fulfill the goal, the institute has adopted outcome based education (OBE) system in the curriculum. OBE ensures attainment of PEO's, PO's, PSO's and CO's.

All these attributes equip learners with the knowledge, competence and orientations needed for success after they leave the institution.

Program outcomes (PO's) and Program specific outcomes (PSO's) are defined for every program offered by the institute.

The course outcomes (CO's) are well defined for all the courses. All the PO's, PSO's and CO's are published in the institutional website and also in prominent areas of the institution such as HOD cabins, corridors, classrooms, laboratories, departmental notice boards, and the same has been effectively communicated to the student community during the delivery of the course content.

All these outcomes are aimed at preparing students to acquire technical as well as soft skills to serve the needs of the industry in particular and society in general by imparting cutting edge technology, interdisciplinary expertise, human values and self-confidence.

File Description	Document
Provide Link for Additional information	View Document

2.6.2 Attainment of POs and COs are evaluated. Explain with evidence in a maximum of 500 words**Response:**

The computation of Course Outcome Attainment Level is based on various parameters such as Continuous Internal Evaluation (CIE), Semester End Examination (SEE) and Course End Survey (CES).

All the courses in the programme are having specific target level for all course outcomes. Course Outcome Attainment Level is calculated for all the courses in a programme. The department conducts CIE and the Question Papers contain Course Outcomes (CO) mapping to Programme Outcomes (PO), clearly indicated against each question. Based on the attempted questions and obtained scores, the course coordinator compute individual student's attainment of different course outcomes of a course by using an excel template specifically designed for this purpose.

The final Course outcome attainment is calculated by considering 80% of direct attainment (CIE – 75% & SEE – 25%) and 20% of indirect attainment (Course End Survey)

Attainments of Programme Outcomes are calculated by two assessment methods i.e direct assessment and indirect assessment. Direct Assessment includes CIE and SEE. Indirect Assessment includes Course End Survey (CES) and Program End Survey (PES).

File Description**Document**

Provide Link for Additional information

[View Document](#)**2.6.3 Pass percentage of Students during last five years (excluding backlog students)****Response:** 87.24**2.6.3.1 Number of final year students who passed the university examination year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
799	820	850	770	760

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
906	958	935	846	939

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 125

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
41	48	6	2	28

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The Institution has created an ecosystem for innovations and has established the EWIT Institution Innovation Council (EWIT-IIC-IC202115618) in collaboration with All India Council for Technical Education (AICTE) and it is approved by the Ministry of Education (MoE), Government of India. The objective of the EWIT-IIC is to motivate, guide, support, and train the young budding engineering graduates and their ideas to transform into prototype models. East West Institute of Technology IIC is a council to elevate young professionals by exposing them to new ideas and processes, resulting in innovation, entrepreneurial activities and a startup ecosystem in the institution. Through this council, initiatives are taken to transform the skill sets, knowledge to the faculty members and students by conducting various events related to intellectual property rights, entrepreneurship, start-up workshops, competitions etc.,

The institution has initiated an incubation center (HIBIKR001001) under MSME scheme, through which project proposal under various themes have been submitted. The institution provides workspaces, mentorship, training, and support to the faculty and students for the successful establishment of startups. Project Exhibition Competition is organized every year creating a platform to the students to exhibit their innovative proto types and models.

The institution has 08 Research Center in various departments approved by Visvesvaraya Technological University (VTU) through which 37 Research Scholars have been successfully awarded their Doctoral degree and 41 Research Scholars are pursuing their Doctoral Program. In addition to this, faculty members have submitted research proposals to various state and national funding agencies (AICTE, DST, VGST etc.). The students are also encouraged to submit project proposals to Karnataka State Council for Science and Technology (KSCST) for funding. Every year good number of student projects are funded under Student Projects Program (SPP - KSCST). Students are sensitized on Indian Knowledge System through conduction of various events like Yoga, Pranayama, Brain yoga, Seminar on Power of choice of integrity - Lessons from Bhagavathgeetha etc., Well-equipped laboratories are provided to the students to encourage them towards research and development activities. Well-equipped laboratories are provided to the students to encourage them towards research and development activities.

The institute has established IPR Cell in association with Karnataka State Council for Science and Technology (KSCST) and our faculty members have published 28 patents.

The Institution has established Ravi Kiran Center of excellence through which high end industry need based skill development certification programs are offered to the students which plays a prominent role in transfer the knowledge and skill sets required according to the latest technological trends. It also provide opportunities for the students and faculty to enhance the research exposure through field visits, industrial training, internships, projects, seminars, MoUs etc.,

File Description	Document
Provide Link for Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 170

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
42	48	40	20	20

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 3.53

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
134	190	131	53	145

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.24

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
10	08	11	10	05

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

3.4 Extension Activities

3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

Through numerous activities, the institute fosters students' regular contact with the neighbourhood community for their holistic development and long-term community development. The university is taking numerous measures to extend and outreach activities for the neighbourhood community, and it encourages student social participation in order to grasp social issues with ethical principles, legal and social solutions for diverse challenges. Every year, programmes such as blood donation, health checkups, oral hygiene camps, organ donation awareness, cancer awareness, AIDS awareness, mass plantation programmes, gender sensitization programmes, drug abuse awareness, and visits to orphanages and old age homes are held to extend community services through National Service Scheme (NSS), Youth Red Cross (YRC), Rotary, and other organisations. Students learn the value of self-cleanliness, pollution consequences, water/energy conservation, natural resource protection, and contact with the public through the NSS curriculum.

Volunteers from the National Service Scheme (NSS) are invited to take part in frequent activities organised by East West Institute of Technology in cooperation with NSS. These activities give students the opportunity to gain a more well-rounded education by exposing them to the realities of the working world. Plantation of trees, Swachh Bharat Abhiyan cleanliness drives, International Yoga Day, Leadership & Soft Skills Training, Blood Donation Camps, Motivational Programme, Food Safety Awareness Programme, Stress Management – Meditation Programme, Eye Checkup Camp, computer literacy programmes, awareness on digital payments, distribution of grocery and health kits, administration of COVID Vaccine, and so on are some of the community development activities that have been carried out by the NSS unit.

The staff and students of this school have together contributed 4338 units of blood through their participation in various extension programmes during the past five years.

The institution recognises and participates in remembrance days, events, and festivals that are held on a national and worldwide scale. The faculty, staff, and students all play a significant part in planting the seed of nationalism and patriotism through the celebration of national festivals. We memorialise the nationalist philosophy and our great national leaders by participating in these activities with a lot of zeal and passion because we want to show our respect for them. The employees and students of the educational establishment take an active role in the celebrations and help to convey the message of togetherness, peace, love, and happiness throughout the building.

The cumulative effect of all of these activities has produced an environment that is conducive to holistic development of the student community as well as a beneficial impact on that growth.

File Description	Document
Provide Link for Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Extension activities are the voluntary efforts of educational institutes, motivated by ethical responsibility towards social development through a variety of different social activities such as the Swatch Bharat Abhiyan, Garbage Disposal system, environmental awareness, health awareness, healthcare and sanitation, Plantation, Creating Social Awareness About Covid 19, Creating Awareness About Education in Village Schools, Walkathons to Create Awareness About Health, and Blood Donation Camps. Extension activities are carried out by educational institutes. EWIT is adamant in its belief that engaging in activities that extend into the community will provide students with opportunities to participate in society and make a positive contribution to its advancement.

The National Service System (NSS) unit of the Institution participates, as well, in the extension operations. The NSS wing of the institution has more than one hundred students volunteering their time to run programmes such as "Swatch Bharath Abhiyan," "Plantation Programme," "National Girl Child Day," "Voter awareness Day," "Government School visits," "Computer awareness programme for Government school children," "Digital Literacy programme," "Old and orphanage Home Visits," "Digital Literacy programmes," "Garbage disposal system," "Celebration of World Water Day and National Science Day

Dr. Shashi Shekhar T R, a faculty member in the Department of Civil Engineering, received the 2019 NESAs Environmentalist of the Year Award. Mr. Chethan M Gowda, a student in the Department of Mechanical Engineering, was awarded as Raising Star of the Year 2020. These are just some of the awards that the Institution has received for its contributions to the community, such as the Swatch Campus Award and an award from the Red Cross Society for organising blood donation camps. An award for Green Campus accreditation was received by the Institution from Namma Bengaluru. In addition, a number of students received certificates of appreciation from the relevant government and non-government bodies for their participation in various societal activities

File Description	Document
Provide Link for Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 81

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
32	23	07	13	06

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 101

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The Institution encompasses a well maintained lush green campus spread over 08 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for all academic activities. Institution has sufficient well-furnished, ventilated, spacious classrooms equipped with projectors.

ICT facility: The institution has adequate number of ICT enabled Classrooms to facilitate effective delivery of curriculum.

Seminar Halls: The institution has multiple well equipped seminar halls. These halls are regularly used for conducting seminars, workshops, conferences etc.

Laboratories: All laboratories are well equipped with state-of-the-art equipment and facilities. All the laboratories are established as per AICTE and VTU norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Labs have required software's and tools to cater the requirements of curriculum & industry enabled teaching.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff.

Library: Institution has two libraries. Central library is located in the Main block and the PG library is located at the CMM block. Both the libraries are fully automated. The library has sufficient titles and volumes covering all major fields of Science and Technology, Engineering and Management.

Physical activities: The institution believes that an active involvement in the physical activities apart from academics enhances mental wellbeing of the students and therefore encourages sports and cultural events for all the students at the institute. To inculcate the cultural and traditional values amongst the students the events such as Annual Cultural fest (AAKRITI), Annual Athletic Meet are organized. The institute has a sports complex to conduct all indoor games and events, play grounds for cricket, volleyball, football, basketball, hand ball, Kabaddi etc. are available in the campus to encourage students to participate in these games.

Gymnasium and Yoga Centre

Institution has gymnasium and yoga center to cater to the diversified needs of the students and the faculty members.

File Description	Document
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 38.29

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
485.41	272.26	602.86	371.61	436.65

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The institute in its endeavor to provide quality education has provided best in class infrastructure and learning resources to promote effective teaching- learning. The institute has fully automated Library separately for UG and PG programs with a combined seating capacity of 200. Library has 11220 Titles and 42709 Volumes catering to diversified needs of students and faculty members.

The digital library with 18 computers having high speed internet is providing access to e-Journals and e-books to various branches of Engineering, Science and Management. As the campus is enabled with Wi-Fi, remote access of these resources is also available. In addition to this, there are General Magazines, Project

Reports, Technical Magazines, Seminar Reports, News Papers, collection of Question papers, CD/DVD and NPTEL videos have been made available to students and the faculty members.

Library Automation: Library has been fully automated using Licensed Library Management Software Package “Libsoft” Version 10.0.0 in the year 2009, later it was upgraded to 12.0.0 version in the year 2022. The software is used for Acquisition, Cataloguing, Member Registration, Transaction, Documentation, Barcode, Statistics and WEB OPAC. The Library resources have been completely bar coded, all the transactions are being carried out through the barcode interface facilities.

WEB-OPAC: Users can access Web-OPAC to search library collections like Books, Journals, Magazines, Seminar Reports, Project Report and Question Papers can be accessed. URL to access Web-OPAC is .

E-Resources: Library has subscribed e-resources through VTU consortium. VTU Consortium acts as a single-window service for Technical Institutions with their diverse research and academic interests. The EWIT library is an active member of VTU consortium and has an access to the online e-resources like Elsevier, Science Direct, Springer Nature, Taylor and Francis, Emerald Management, McGraw Hill Education, New Age International, Mint Books, turnitin (Plagiarism Software), Lanquill (Writing Grammar Tool) and MAPMy Access remote tool. The VTU Consortium provides access to 7693 e-Journals and 9144 + e-Books and open access e-journals (5700+) and e-books (10000+).

Remote access system for e-Resources on MAPMy Access: Library has subscribed MAPMy Access through VTU consortium. It connects users and e-content anywhere and anytime on any device in a secured environment. All the e-resources have been integrated in the online portal includes Science Direct, IEEE Proceeding Order Plan (POP), Springer Nature, Taylor and Francis, Elsevier Science Direct, Emerald Management, Pro-Quest, McGraw Hill Education, New Age International , Mint Books and open source e-resources can be accessed at <http://ewit.mapmyaccess.com>. Users are provided with User Name and Password to access it.

The library is optimally used by the students and staff in the Institute. Good number of students and faculty access the library for various resources like books, journals, e-journals, periodicals, project reports, previous year question paper and to access online content in the library.

The library remains open from 08.45 a.m. to 05.30 p.m. during working days.

File Description	Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

The Institution updates the IT infrastructure facilities regularly to facilitate teaching-learning process and also meet the requirements, norms prescribed by AICTE and VTU. At the beginning of the academic year, the requirement for replacement and updating of existing IT infrastructure from all the departments will be evaluated and replenished accordingly. The institute is keen on upgrading internet bandwidth from time to time. Since inception to have information at finger tips, institute has provided internet facility through LAN cables with 100 Mbps capacity in the year 2017 and upgraded to 200 Mbps on 31.10.2022. Currently, internet bandwidth is increased to 570 Mbps on 02/01/2023 to provide fast internet access and the entire campus is linked through Local Area Network (LAN).

At present, the institute has 1030 systems wherein 960 computers are available for students in various laboratories to meet the requirements of curriculum and content beyond the curriculum to make them industry ready with 12th generation Intel core i7 and core i5 processors. The computer laboratories are being upgraded from time to time to provide the best computational infrastructure to the students. All the laboratories on each floor contain 24 port 10/100 D Link switches. The Institute maintains the student computer ratio of 3.7:1

The institution has a language laboratory to enable the students to improve their communication and writing skills. Uninterrupted power supply (UPS) is available in all departmental laboratory computers and administrative systems. IP-based CCTV cameras throughout the campus and hostels maintain a safe and secure environment for the staff and students as well as to ensure discipline.

A digital library facility is provided for the students and faculty. Computing and communication resources are continuously upgraded with the latest state-of-the-art technologies to facilitate the students and staff to learn and update their technical skills.

The entire campus enabled with Wi-Fi facility to access the internet on their devices such as laptops, mobiles for 24x7 to the students and staff for enhanced teaching-learning processes.

The institution has an adequate server available to conduct the Visvesvaraya Technological University (VTU) examinations, online examinations, webinars, online conferences, and workshops.

File Description	Document
Provide Link for Additional information	View Document

4.3.2 Student – Computer ratio (Data for the latest completed academic year)**Response:** 2.87**4.3.2.1 Number of computers available for students usage during the latest completed academic year:****Response:** 1030

File Description	Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 61.71

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
639.54	595.34	925.83	610.09	724.19

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 65.26

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1768	1704	2192	2346	2245

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 46.89

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1734	2589	1380	748	917

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 26.16

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
333	141	165	284	276

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
906	958	935	846	939

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years**Response:** 1.12**5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2021-22	2020-21	2019-20	2018-19	2017-18
16	10	3	7	2

File Description	Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities**5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years****Response:** 55**5.3.1.1 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 wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
9	0	18	16	12

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 20.2

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
27	1	11	30	32

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

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.

The Alumni Association's formal structure allows the graduates to interact with one another. All alumni members have access to this alumni organization, which provides a forum for them to share their gifts and encourage one another. As a result, it gives every alumni member the chance to grow, learn, and develop their skills throughout their lifespan.

This provides a variety of benefits and services that make it easier for former students to stay in contact with their institution of higher learning and other alumni.

EWIT Alumni has distinguished themselves by occupying high positions in India and abroad. The institute regularly interacts with the Alumni and organizes Alumni meet once in a year at each Department to bring all the Alumni together for the development of the existing students and also to get their assistance in Training & Placement activities, Internships, Projects, etc.,

Alumni Association consists of Core Committee and is composed of Alumni representatives and faculty coordinators from every department, which strives towards maintaining an up-to date Alumni database to strengthen the relationship between the Alumni and the current students through social media like Face book, Instagram, LinkedIn etc.

Alumni contributes significantly towards constructive growth by giving feedback on courses and necessary suggestions for the curriculum enrichment and Industry Institute interaction. They are also invited for various activities like technical seminars, workshops, cultural fest, Hackathon as panel members. They also guide the final year students for projects and internships and career opportunities.

The effort of the institute through Alumni Association is evident through sustained Alumni Engagements in every possible dimension with unforgettable institute experience adding value to the success of the institution.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 *The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

Response:

Vision

To be an Institute of Academic Excellence in Technical and Management Education on par with global standards to meet changing needs of the Society.

Mission

- To impart quality technical education that nurtures the young minds by providing the best of teaching learning process and state of the art infrastructure.
- To foster technological advancement through research.
- To inculcate holistic personality development through best practices.
- To implant ethical and social commitment that grooms the students to become responsible citizens

The Governing Council governs and administers the Institution. The institute's Governing Council was formed in accordance with UGC, VTU, and AICTE guidelines. The policies, regulations, and recommendations are developed by the Governing Council. The Governing Council members meet on a regular basis to discuss, approve, administer, and monitor all academic and administrative issues concerning the budget, finance, recruitment, purchases, training and placements, information technology, admissions, promotions, and infrastructure, among other things.

NEP 2020 focuses on bridging the gap between academia and industry. Affiliated institutions have less leeway in defining curricular structure.

However, EWIT has taken aggressive steps to deliver high-level skill training in industry-required sectors. Along with the programme, they provide ongoing training on advanced areas.

These additional high-end training programmes are as follows:

Any student who is interested in learning one or more specific talents can enrol and receive a certificate upon completion of the programme. EWIT promotes Trans disciplinary education in this manner. It is a step forward in the implementation of the NEP.

HODs and faculty members serve on the Governing Council as well as several committees such as IQAC,

Academic Audit Committee, Student Grievance Redressal Cell, Student Affairs and Welfare, Anti-Ragging Committee, Anti-Sexual Harassment Committee, NSS, Purchase, Research, and so on. In each committee, they develop plans and policies to ensure the smooth operation of the Institution.

The Principal, HODs, staff members, and various committees meet on a regular basis to address academic issues and make appropriate choices. Everyone on staff is encouraged to discuss their ideas and strategies for academic and non-academic topics. As a result, all staff members will have an equal opportunity to formulate long-term goals and make decisions.

The Institute operates with decentralized management and maximum transparency in decision-making. The Principal has been delegated authority by the Governing Council regarding institutional growth, academics, curricular, co-curricular, and extracurricular activities.

In accordance with the Vision and Mission, the Principal has delegated authority to the HODs and concerned staff. The Principal and the heads of the departments meet on a regular basis to discuss academic and administrative issues and make suitable decisions. The Principal and the HODs have been assigned enough authority for the general development of the institution and have formed numerous committees to ensure seamless operation.

At all levels of the institution, management is participatory. The Governing Council makes critical decisions with input from the Principal, HODs, committee coordinators, students, parents, and alumni. The principal meets with the HODs to discuss key concerns and the same protocol is followed.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 *The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc*

Response:

Governing Council is responsible for framing the rules, regulations and policies of the institute. The governing council approves appointments made during the academic year, approves allocations of budget and plans proposed by heads of different departments for continuous growth of the Institution.

Principal is responsible for providing guidance and help in planning, implementation and monitoring of all the academic activities, and make sure that these are aligned with the established policies and objectives of the institution. The Principal is committed towards planning and implementation for continuous improvement and growth of the organization.

IQAC is responsible for the development and application of quality benchmarks/parameters for various academic and administrative activities of the Institution. Facilitating the creation of a learner-centric environment conducive to quality education and maturity of faculty members to adopt the required knowledge and technology for participatory teaching and learning process. Departmental HODs ensure the smooth conduction of Academic and administrative activities within the Departments throughout the academic year and other Departmental Events including with the coordination of faculty members and takes corrective actions, if any, within the Department.

Service Rules: The institution has a set of service rules comprising of all the rules and regulations the staff members to abide.

For smooth functioning of day to day activities of the Institute, Institute as laid down few policies like Code of Conduct for students, Anti Sexual Harassment Policies, Gender based discrimination policy, Research publication policy, Recruitment Policies, Academic Policy for differently abled, IT policies etc.,

The strategic plan of the institute has been developed involving all the stakeholders through regular meetings and feedback both at institutional and department level. The plan is developed with an aim of achieving excellence by optimum utilization of resources. IQAC reviews the progress of implementation of Strategic Plan and Policies of the Institute and take corrective action to achieve short term and long term goals.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2.2 Institution implements e-governance in its operations

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

Wellbeing of the staff is important for effective functioning of the Institute. The institution has effective welfare measures for teaching and non- teaching staff.

- Employee's Provident Fund
- Employees' State Insurance Corporation (ESI)
- Gratuity
- Maternity Leave
- Fee Concession
- Uniform
- Financial assistance through Cooperative Society
- Personal Accident Insurance
- Vacation Leaves and other leaves
- Faculty cabins to create a pleasant environment for their preparation & teaching
- Registration fees to attend seminars, conferences and workshops.

All the above-mentioned schemes help the faculty members and staff to work more effectively and efficiently towards achieving the organization's goal in the long term. These schemes are applicable to all the employees and they avail them as per their requirement.

Performance Appraisal System

The Faculty Performance Appraisal System provides faculty with meaningful appraisals that encourage professional learning and growth. The process is designed to foster faculty development and identify opportunities for additional support wherever required.

Annual Performance formats are given to the employees at the end of every academic year to get their performance assessment for the completed academic year.

The Principal and HoDs are involved in the review of the performance appraisal report. Management reviews, the recommendations from the Principal and HoDs and employees with satisfactory performance are considered for extending the benefits like increments, promotions, etc., In case of adverse remarks in the Annual Performance Report, the employees are counseled and advised individually by the Principal and HoD.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 47.6

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
100	83	142	62	90

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshops and towards membership fee for professional bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 53.34

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
259	125	204	127	219

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
157	148	156	141	147

File Description	Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The Institute guarantees the collection of funds and the most efficient use of those funds for a variety of purposes, including academic, administrative, infrastructure augmentation and maintenance, research and development activities, and others.

Mobilization of Resources and Funds

The primary source of revenue for the establishment is the tuition fee that is collected from the students. In addition, management provides for any necessary capital expenses, such as the purchase of a new facility or significant new equipment. Mobilization of money also occurs through projects that are sponsored by DST, KSCST, AICTE, UGC, and industry sponsored by the faculty. The monies that have been given or allocated will be used by the faculty to purchase the necessary equipment and cover any other costs associated with the execution of the Research Project. The school also promotes the generation of revenue

through various activities, such as consulting and research, as well as the utilization of infrastructure for revenue-generating activities, such as the administration of a number of different competitive tests on campus.

Utilization of Both Resources and Funds to Their Full Potential

Following the consolidation of the budget proposals that were submitted by the departments and the addition of the expenditures for the common facilities, the Principal will then propose the financial demand for the year to the Governing Council meeting in order to get approval.

The budget is approved after the governing council goes through the actual expenditure and income statements from the previous year and the current year's budget. In accordance with the authorized spending plan, the Institution makes efficient use of its resources, and this practice will be monitored on a regular basis by both internal and external auditors, as well as by the Governing Council.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell (IQAC) plans and implements developmental activities and programmes and has a bird's eye view over the functioning of all the departments in the institution. It also plays vital role in framing and reframing strategies for improvement in quality.

IQAC had emphasized to encourage students to submit proposals for various funding agencies, in accordance to that **51 Student Project Proposals** were submitted to KSCST (Under - Scheme) out of with **42 Projects** were selected for funding and the total financial support received was **Rs. 2,40,577/-**

IQAC had emphasized on filing patents and our faculty members have rigorously worked on it and today we have 28 patents successfully published.

Besides achieving excellence in Academics and research, Sports and Extracurricular/Co-curricular Activities, the IQAC strengthens the value system by inculcating ethical understanding among the students, sensitizing them to the needs of the community, generating engineering skills, communication skills, self-employment and employability and positive thinking among the learners.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken
3. Collaborative quality initiatives with other institution(s)
4. Participation in NIRF and other recognized rankings
5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

Response: A. Any 4 or more of the above

File Description	Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years. Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

EWIT has always pledged to the support and practice for social justice and Human Rights. The institute ensures all the employees and students irrespective of the gender have equal opportunity in Social, Cultural, Curricular, Co-curricular and Extra Curricular Activities. In this regard, institute has provided various facilities like CCTV surveillance for safety and security, separate women's hostel, Sports facility for women's etc., Equal opportunities and responsibilities are given to female staff and students in various academic committees and other activities.

College Internal Complaint Committee (CICC) is functional to address sensitive issues, if any among the staff and students. This committee is also responsible to counsel the students if need arises. The institution also conducts various programs on Women Empowerment, Women Rights, Gender Equity, Sexual Harassment, Medical Safety, Drug Abuse etc.,

Institution celebrates national and international commemorative days, events, and festivals. National festivals play an important role in sowing the seed of Nationalism and Patriotism among the staff and students. We celebrate these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Staff and Students of the institution take active participation on these occasions and spread the message of Unity, Peace and Happiness throughout. All these activities collectively have created conducive environment and a healthy impact for holistic development of the community.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

EWIT has institutionalized a multicultural inclusive environment for all students and staff. The students from different states stay in the campus and hostel in harmony. There are no issues either in the campus or at the hostels regarding intolerance on the grounds of culture, region and language.

To sensitize students with regard to constitutional obligations institution conducts various activities such as Voter Enrollment program, Oath taking on Constitution Day, workshop on operation of the Electronic Voting Machine and importance of Voting and ill effects of casting proxy votes and staying away from voting.

Faculty who are eligible to cast their votes in the graduates' constituency & MLC are allowed to go on permission/official duty.

The curriculum also has a course on constitution of India and professional ethics. It has Introduction to the Indian constitution, the making of the Constitution, The Role of the Constituent Assembly - Preamble and Salient features of the Constitution of India. Fundamental Rights and its Restriction and limitations in different Complex Situations. The syllabi include discussions on Union Executive and State Executive, Elections, Amendments and Emergency Provisions, Constitutional Provisions/ Local Administration/ Human Rights & Professional/Engineering Ethics.

The Institute provides fee waivers and concession to the meritorious, poor and needy students. Dedicated

scholarship section facilitates to apply for scholarships under various schemes.

The newly introduced AICTE induction program for first year students has a component on ethics, morale, mentoring and universal human values. Mentoring takes place in the context and setting of universal human values. This would help a student to explore oneself and allows one to experience the joy of learning, stand up to peer pressure, take decisions with courage, be aware of relationships, be sensitive to others, understand the role of money in life, and feeling of prosperity, etc. It also addresses the issue of human values as enshrined in our constitution like justice, liberty, equality, fraternity, human dignity and the unity and integrity of the Nation.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

BEST PRACTICE - 1

1. Title of the Practice: PCM for Gen - X Students

EWIT has integrated different value added activities along with the curriculum to make sure the harmonious functioning of teaching and learning process.

2. Objectives of the Practice:

- To help the students to bridge a gap between multi-disciplinary subjects and concepts and to carry out inter-disciplinary projects.
- To ensure availability of practical industry oriented programs to the students.
- To provide a platform and unleash the potential to bring out the student's innovation.
- To build human ethical values among the students.

3. The Context:

Students today are facing multiple challenges in terms of technology influence, less attention from parents, multiple diversions etc., and the college atmosphere adds to the differences and students find the difficulty to approach the faculty for guidance. In this context, mentoring system will provide an open atmosphere to share their thoughts and will enable the students to develop their academic achievements.

Students face challenges in communication skills, interpersonal skills, exhibiting their ideas and hidden

talents. In this context Annual Student Project Exhibition will provide an opportunity to showcase their abilities as well as talents.

The state of the art technologies beyond the curriculum is the real challenge for the students to get industry ready. To address this issue, EWIT has established Sri Ravikiran Center of Excellence in association with Ethnotech Academy and train the students in cutting edge technologies.

4. The Practices:

Innovative teaching facilities like ICT Class rooms, Seminar hall, Internet and Wi-Fi facilities enable the teachers to teach uniquely and innovatively. Interactive techniques like quizzes, group discussions, projects, internships, and industrial visits, engage students in higher-order thinking and investigation.

Specific models developed in Centre of Excellence were exposed to support student learning. Constant placement training with soft skill training and aptitude tests are conducted to support their professional growth and leadership skills.

Mentoring System is in practice. Each faculty member is allotted with 25-30 students. It is mandatory to give counseling minimum once in a semester.

The students to exhibit their final year projects in Annual Student Project Exhibition during that academic year.

5. Evidence of Success:

It is observed that integrated teaching prepared the students to learn at ease and helped them to understand the subject in a better way. Moreover, through this practice, the average score obtained by the students in the end semester examinations was increased. Good numbers of University Ranks were obtained with this methodology. Analysis of the feedback collected through the questionnaire showed that, for all entities, the majority of the students had given positive answers.

6. Problems Encountered and Resources Required:

- The planning of integrated teaching across departments involved negotiation with the faculty members.
- Time, Budget and Confidence among the students to convert ideas into reality
- Awareness must be created among the students to utilize the mentoring system more effectively.
- Awareness must be created among the students to apply for the funding and IPR.

7. Concluding Notes:

Integrated teaching with Project exhibition, Centre of Excellence and Mentoring targeted to next generation students is a valuable approach to education that offers numerous benefits for students. With these multiple skills, students can deepen their understanding, develop transferable skills, increase motivation, and be better prepared for the real world.

BEST PRACTICES -2

Research and Development

1. Title of the practice: Research and Development

EWIT's growth and prosperity are dependent on research and development. EWIT ensures push innovation, enhance knowledge, and create new possibilities for students and staff alike by investing in research and development.

2. Objectives of the Practice:

- Identify research areas in order to find the gaps in existing research and apply for Grants.
- Encourage to publish research work in peer reviewed journals.
- IPR filing and commercialization

3. The Context:

Undergraduate students have untapped potential for innovation and research. Research and Development goals of the country require nurturing and training of young minds through meaningful interventions. The NIRF has also highlighted research and professional practices as one of the five parameters of academic excellence. The college has a legacy of innovative research practices which was strengthened in its pursuit of maintaining the academic standards promoted by NIRF and NAAC.

4. The Practice:

The EWIT provides open system for overall growth of the students in their chosen programs. EWIT has 08 Research Centers approved by VTU. Students would get opportunities to work in R&D and consultancy projects. 37 Research Scholars have been successfully awarded Ph.D and 41 scholars are pursuing Ph.D.

Faculty members have submitted research proposals to various state and national funding agencies like AICTE, DST, VGST etc.. Every year good number of student projects are funded under Student Projects Program - KSCST and VTU. Well-equipped state of the art laboratories are provided to the students to encourage them towards research and development activities. The institute has established IPR Cell in association with KSCST and our faculty members have published 34 patents.

5. Evidence of success:

Research at EWIT a bird's eye view

- 08 Recognized research centers.
- 37 Research Scholars successfully awarded Doctoral degree.
- 41 PhD scholars registered for Doctoral Degree.
- 34 Patents.

662 Publications in peer reviewed journals.

Grants received for Student projects (2017-2022): Rs 3,37,500

Grants received for Faculty projects (2017-2022): Rs. 1,25,28,119

6. Problems encountered and Resources required:

- To get access to different industries to understand industry related problems and to know about latest technologies, software and hardware tools used in industries.
- To create awareness among the faculty members and students about the industry as well as society needs.
- To bring awareness about the importance of getting funds by the external agencies for doing research activities in the institution.

7. Concluding Notes:

The Research and Development activities at EWIT lead to holistic development of the technical education in the institute. This best practice gives students to expose to State of the Art Technology Labs for up skilling, training from Certified Industry Experts, Industry Readiness, Placement opportunities with Global Corporates. With this practice institute attracted funds from different state and national agencies.

File Description	Document
Any other relevant information	View Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness**7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words****Response:**

East West Institute of Technology was founded in 2001 with the noble aim of imparting and believing in quality education, as well as a commitment to developing students with ethics and values by promoting talents to exhibit their actual potential.

The Institute started with an intake of 180. Over the years the institute grew in remarkable way with present intake of 900 in 10 UG programs and 276 in 05 PG programs. Institute also has 08 Research Centers in various departments and 35 research scholars are pursuing their PhDs in different disciplines.

To be distinctive to its vision, priority and thrust East West Institute of Technology emphasizes intensely on the *Holistic Development* of students and staff members. EWIT provides opportunity and resources to facilitate their comprehensive growth.

As visible from quality policy statements, East West Institute of Technology is promoting the core 4D Principles of our founder chairman Late, Sri. C. M. Nagaraj to inculcate the values of **Discipline**,

Dedication, Determination and Diversity which leads to inspire young minds by imbibing them thoroughly as well as judiciously.

The Institute stands out by emphasizing value-based education and preparing learners for modern life. The institute teaches students self-discipline, accountability, and democratic, ethical, and moral ideals.

Global Standards, Value-based Education, Interdisciplinary Research, and Sustainable Development are the Institute's Vision. This promotes global-standard academic excellence in technical and management education to suit society's changing needs.

The institution has always inspired students to seek knowledge, morals, and social responsibility. The Institute has recognized its distinctive approach to inclusive vision by modelling it in the form of service to society by offering certificate courses to students of various streams to develop their skills, multidisciplinary project development, entrepreneurship development, and ethical and human values.

EWIT has given utmost importance to quality education and prescribing parameters for outcome based education finally lead to the universal development of the students. Even though being an affiliated institution, the student centric activities are designed for achieving excellence among the students. It has four components, namely, Intellectual, Social, Physical, and Emotional developments.

Moving towards **Intellectual Development**, the institute implements university curriculum through well planned and effective teaching learning activities blended with latest pedagogies. Various approaches have been taken to enable students to meet their individual needs.

To bridge the gap between the academia and industry, a **Center of Excellence (COE)** was established. Exposure to students throughout their educational program is provided by mentors, industry experts, professionals, and innovators which fosters creativity and innovation among the students. The institute proactively identifies the curriculum gaps and makes the provision for imparting the content beyond syllabus in terms of Add on Certificate Courses through COE. This enables them to be industry ready professionals.

Students are encouraged to focus on society and industry issues through minor and major projects and complicated problem solving. Industrial trips and internships expose students to workplaces. The institute also offers hands-on training programs in industry-relevant thrust areas. Students learn through technical fests and project exhibits.

Faculty and students are encouraged to take on multidisciplinary projects, apply for funded research and consultancy projects, publish research articles in reputable journals, apply for patents, collaborate with international organization's, and foster industry-sponsored projects to promote research and consultancy.

The Institute organizes skill enrichment programs to enhance skillsets of the students, for example – Personality Development, Soft skills and Communication Skills etc.

Institutions Innovation Council - IIC was established to systematically foster the culture of Innovation amongst the students and faculty members. The main motto is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes and eventually laying the stones for entrepreneurship.

Students are exposed to diverse social structure and probable issues, particularly in the neighboring areas, through the National Service Scheme (NSS) implemented at the Institute, in collaboration with the VTU. The students undertake various activities of spreading social awareness relating to various topics on critical issues such as Swatch Bharat, traffic awareness blood donation and health camp, etc. The students are also encouraged to take part in helping the neglected part of the society like orphans and old age people. At orphanages and old-age homes, students extend their help in terms of kind and service. All these have made the students sensitive and ever responsive to the societal needs and also impart moral and ethical values which are at most important to be conscious and responsible citizen.

Sports play an indispensable role in improving mental health as it helps in overcoming stress, depression, and anxiety while improving the quality of sleep and living standards. Sports also help to be a happy, confident, and energized human being. The institute organizes annual athletic meet for the staff and students comprising of various games such as cricket, volleyball, throw ball, kabaddi, chess, carom, etc. The students and staff irrespective of gender participate in all sports events which will enhance their sportsman spirit and team-building abilities.

Mental health as well as emotional behavior of the students is given proper attention at the institute. The **mentor-mentee system** is in place that ensures the students contact with faculty regularly. During meetings, students can discuss their academics as well as personal problems with mentor. Appropriate need based counseling is provided at various levels. The institute celebrates **International Yoga Day** every year to promote yoga to maintain emotional health and well being.

The institute ensures women empowerment by organizing various activities under the aegis of Women Empowerment Cell and provides equal opportunities to all irrespective of gender. College Internal Complaints Committee (CICC), Grievance Redressal Committee and Anti-ragging committee are active to maintain the overall discipline in the institution.

The Institute has long stood for discipline and character development in its students, and it is a testament to

high professional standards and academic professionals in producing renowned Alumni all over the world. These enable EWIT graduates to be intellectually competent, morally upright and socially engaged citizens.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

The Institute has been accredited with “B ++” grade by NAAC. Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi, Recognized Under Section 2 (f) & 12 (B) of the UGC Act, 1956, The institute recognised by Government of Karnataka , IIC (Institution’s Innovation Council) and ARIIA (Atal rankings Of Institutions on Innovation Achievements).

The Institution offers 10 UG Programmes (B.E) in Electronics & Communication Engineering (ECE), Computer Science & Engineering (CSE), Information Science & Engineering (ISE), Mechanical Engineering (ME), Civil Engineering (CV), Electrical & Electronics Engineering (EEE), Artificial Intelligence & Data Science (AD), Artificial Intelligence and Machine Learning (AM), Computer Science Engineering – IoT, CS including BCT (CSE – IoT, CS, BTC), VTU B.Sc Honours 4year program.

The Institution offers 05 M.Tech Programs in Digital Electronics, Computer Science & Engineering, Machine Design, Structural Engineering, Geotechnical Engineering, and MBA & MCA PG Programmes under VTU.

The Institution has VTU approved Research & Development Centres in the department of Electronics & Communication Engineering, Mechanical Engineering, Computer Science Engineering, Civil Engineering, MBA, Physics, Chemistry & Mathematics.

To enrich student’s employability skills the institute established the **Ravikiran Centre of Excellence** in collaboration with Global partners. The Institution regularly conducts Seminars, Workshops, Hands on Training, Conferences, Pre-Placement Training, HR Conclaves, Project Competitions, Design Competitions, Quiz, Industrial Visits, etc., for the overall development and up gradation of the knowledge for the students & the staffs.

The Institution has been receiving grants for research from government organisations such as VGST, Department of IT, BT & ST, ISRO, DST, AICTE, KSCST, VTU etc.,

The Institution has listed in the GUINNESS WORLD RECORD awarded for blood donation at multiple centres organized by NSS unit of EWIT at campus for the benefit of the society.

The Institution has membership with various Professional Bodies such as ISTE, IEI, ICI, CSI, IETE, BITES etc.,

The Institution has MOUs' with various companies and institutions to get sponsored internship for student projects & Facilities to Support Innovations and Start-ups.

Concluding Remarks :

The Institute is committed to meeting all the needs in the curricular and extracurricular areas of technical education in order to develop the students' technical knowledge, soft skills, physical education, ethics, and moral principles, enabling them to become competent, successful engineers and managers in line with the demands of the industry and global standards.

The Institute strives for continual improvement of its Quality Management System through stakeholders' satisfaction in terms of achieving Academic Excellence, comprehensive Personality Development and excellent placement opportunities for the students.

The institution follows the AICTE, VTU, and Karnataka government's policy guidelines. The institution's governance and management embrace transformation as a continuous method of teaching and learning and, as a result, adopt it to meet new challenges and improve learning outcomes.

The Institute has a focus in the practice of excellence and adopt the culture pertaining in industry and Society Oriented Research, Innovation, Interdisciplinary, Industry partnership by establishing Centres of Excellence in various domains, entrepreneurship development, Networking (Student, faculty & other specialist staff), Patents & IPR, student-centric, where the teacher will play the role of facilitator and Feedback cum corrective measures. NAAC certification will be a measure to evaluate and assure the standard of education delivered at our institution.