Subramanya Education Society ®

EAST WEST INSTITUTE OF TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka,

Accredited by NAAC & Recognized U/S 2 (f) of the UGC Act 1956)

63, Off Magadi Main Road, Vishwaneedam Post, Near Anjana Nagar, Bangalore - 560091

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Tracking Id: KACOGN26410

Annual Quality Assurance Report (AQAR) 2017-18

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

CONTENTS

Part – A

AQAR for the year 2017 -18

I. Details of the Institution

1.1   Name of the Institution: East West Institute of Technology, Bangalore

1.2   Address Line 1:   #63, Off Magadi Main Road

Address Line 2:

City/Town	Bangalore
State	Karnataka
Pin Code	560091
Institution e-mail address	principal@ewit.edu
Contact Nos.	9482514447
Name of the Head of the Institution	Dr. K Channakeshavalu
Tel. No. with STD Code:	080-23288245 / 080- 23286732
Mobile:	9482514447
Name of the IQAC Co-ordinator (if any at Department Level):	Dr. Nagaswarupa H P
Mobile:	9945406900
IQAC e-mail address (if any at Department Level):	iqac@ewit.edu

1.3   NAAC Track ID: KACOGN26410

1.4   NAAC EC No. & Date: EC (SC) / 24 / A & A / 60.1 Dated May 02, 2017

1.5   Website address: www.ewit.edu

Web link of AQAR: http://ewit.edu/naac/

1.6   Accreditation details:

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	**B++**	2.77	2017	May 02, 2017 to May 01, 2022
2	2nd Cycle	--	--	--	--
3	3rd Cycle	--	--	--	--
4	4th Cycle	--	--	--	--

1.7   Date of establishment of IQAC: 26/01/2016

1.8   Details of the previous year AQAR submitted to NAAC after the latest assessment & Accreditation by NAAC: NA

1.9   Institutional Status:

University (State /Central/Deemed/Private)	Affiliated to Visvesvaraya Technological University, Belagavi
Affiliated College	Yes
Constituent College	No
Autonomous college of UGC	No
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	Yes, AICTE
Type of Institution/Department (Co-education/ Men / Women)	Co-education
Type of Institution/Department (Urban/Rural/ Tribal	Urban
Financial Status(Grant-in-aid/ UGC 2(f) / UGC 12B)	UGC 2(f)
Grant-in-aid(Grant-in-aid + Self Financing/Totally Self-financing)	Totally Self Financing

1.10   Type of Faculty

Faculty	Engineering & Management
Arts	-
Science	-
Commerce	-
Law	-
PEI (Phys edu)	-
TEI (Edu)	-
Engineering	Yes
Health Science	-
Management	Yes
Others (Specify)	-

1.11 Name of the Affiliating University: Visvesvaraya Technological University, Belagavi

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Special status	No
Autonomy by State / Central Govt. / University	-
University with Potential for Excellence	-

UGC-CPE	-
DST Star Scheme	-
UGC-CE	-
UGC-Special Assistance Programme	-
DST-FIST	-
UGC-Innovative PG programmes	-
UGC-COP Programmes	-
Any other (*Specify*)	-

II.   IQAC Composition and Activities

2.1   No. of Teachers: 11

2.2   No. of Administrative/Technical staff: 02

2.3   No. of students: 02

2.4   No. of Management representatives: 01

2.5   No. of Alumni: 02

2.6   No. of any other stakeholder and community representatives: 01

2.7   No. of Employers/ Industrialists: 02

2.8   No. of other External Experts: 01

2.9   Total No. of members: 28

2.10 No. of IQAC meetings held: 03

2.11 No. of meetings with various stakeholders:

Meetings	Numbers
Total No.	14
Faculty	02
Non-Teaching Staff	02
Students	02
Alumni	06
Others	02

2.12   Has IQAC received any funding from UGC during the year?   No

2.13   Seminars and Conferences (only quality related)

(i) No. of Seminars / Conferences / Workshops / Symposia organized by the IQAC (If any at Department Level)

Total Nos.	International	National	State	Institution/ Department Level
03	-	-	-	Institution Level

(ii) Themes

1. One day workshop on NBA process.
2. FDP on Quality improvement programme related to outcome based education.
3. Hands on training on Blooms Taxonomy.

2.14   Significant Activities and contributions made by IQAC (If any at Department Level)

- Introduction of Outcome based Education and setting up of course outcomes through knowledge based Blooms Taxonomy.
- Three weeks Induction programme for 1st Year students of all UG / PG programmes.
- Introduced Mentoring System and assistance for students under distress.
- Additional training for students on skills enrichment.
- Introduced student internship programmes for both UG & PG.

2.15   Plan of Action by IQAC (If any at Department Level) / Outcome

The plan of action chalked out by the IQAC (If any at Department Level) in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
Internal Assessment paper as per Blooms Taxonomy	All the Internal Assessment Papers were prepared as per Blooms Taxonomy
Conducting FDP on Emerging & Thirst Areas	Organized & conducted National Conference on Advances in Civil Engineering
	Organized & conducted Hands on Training Programme on New Generation Materials for Energy Storage Devices
	Organized & conducted Workshop on Intellectual Property Rights & Innovations
	Organized & conducted International Conference on Advances in Communication, Information & Computing Technologies
	Organized & conducted National Conference On Emerging Trends In Mechanical Engineering

* Academic Calendar of the year 2017-18 as Annexure 1.

2.16   Whether the AQAR was placed in statutory body : Yes

Management: No   Syndicate: No   Any other body: Yes , In Governing Council

Provide details of Action Taken:

- The Governing Council approved the AQAR Report of 2017-18 on 29/04/2018.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented Programmes
Ph.D	08	Nil	08	Nil
PG	10	Nil	10	Nil
UG	06	Nil	06	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	Nil	Nil	Nil	Nil
Certificate	Nil	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil
Total	**24**	**0**	**24**	**0**
Interdisciplinary	Nil	Nil	Nil	Nil
Innovative	Nil	Nil	Nil	3

1.2 (i) Flexibility of the Curriculum: CBCS / Core / Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	UG - 06; PG - 10; Ph.D - 08
Trimester	Nil
Annual	Nil

1.3 Feedback from stakeholders* Alumni ✓ Parents ✓ Employers ✓ Students ✓
(On all aspects)

Mode of feedback   :   Online ☐ Manual ✓ Co-operating schools (for PEI) ✓

* Analysis of the feedback in the Annexure-2

1.4 Whether there is any revision/ update of regulation or syllabi, if yes, mention their salient aspects.

No, Affiliated to University

1.5 Any new Department/Centre introduced during the year: NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1   Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
185	126	38	21	--

2.2   No. of permanent faculty with Ph.D

30

2.3   No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
166	-	38	-	29	-	-	-	233	-

2.4   No. of:

Guest faculty	--
Visiting faculty	48
Temporary faculty	--

2.5   Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars / Workshops	28	45	60
Presented papers	25	66	5
Resource Persons	02	18	7

2.6   Innovative processes adopted by the Institution/Department in Teaching and Learning:

The college has introduced a huge focus on fundamentals, interdisciplinary nature of engineering education and experiential learning.

- Self-learning beyond syllabus is ensured through experiential learning.
- The students acquire the desired knowledge in their field as per the curriculum through the

classroom teaching process. Provision is also made for the students to carryout relevant experiments in the courses offered by the university.

- Tutorial classes are provided for analytical courses in every semester as per the scheme. Tutorials are conducted in smaller batches to provide opportunities for the students to clarify the concept and raise the doubts and queries in the subjects.

- All the question papers including the CIE are mapped with course outcome and Blooms taxonomy levels.

- Experiential learning component has been included in UG programmes. In case of PG programmes, experiential learning, seminars and assignments on related topics in advanced areas are prescribed.

- Digital Medium of instruction (PPTs, Videos, and Simulation, etc) is used in classrooms, seminars and laboratories.

- Encouraging the students to use open course contents like NPTEL, MIT OCW and other such materials.

- Regular industrial visits are organized in the department wherein the students are taken to various industries relevant to the course.

- Hands on training in advanced technologies in both hardware and software platforms to provide experiential learning opportunities.

2.7   Total No. of actual teaching days during this academic year

167 days

2.8   Examination / Evaluation Reforms initiated by the Institution/Department (for example: Open Book examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

As we are affiliated to Visvesvaraya Technological University, Belagavi the Conduction and Evaluation process is under the control of University.

- IA Tests for constitution of India, Environmental studies and technical English subjects are conducted online with multiple choice questions.
- Digital Evaluation is implemented by the university.

2.9   No. of faculty members involved in curriculum restructuring/revision/syllabus development

As member of Board of Study	As Faculty	As Curriculum Development workshop
2	18	13

2.10   Average percentage of attendance of students.

88

2.11   Course / Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III%	Pass %
UG						
ECE	182	73.6	12.66	-	-	86.26
CSE	143	77.63	17.37	-	-	95
ISE	81	92.5	7.5	-	-	100
MECH	175	80.7	14.15	-	-	94.85
CIV	166	80.12	12.21	-	-	92.33
EEE	45	80	20	-	-	100
PG						
MBA	38	39.75	35.25	-	-	75
MCA	13	100	-	-	-	100
LDE	03	100	-	-	-	100
SCS	06	100	-	-	-	100
MMD	04	25	-	-	-	25
CSE	17	100	-	-	-	100
CGT	18	100	-	-	-	100
SCN	02	100	-	-	-	100
MTP	00	-	-	-	-	-
SIT	01	100	-	-	-	100

2.12   How does IQAC (if any at department level) Contribute / Monitor / Evaluate the Teaching & Learning processes:

IQAC effectively monitors the teaching learning process

♦ **Monitoring of internal assessment conduction**: There is college level academic monitoring committee. There is a process in place to monitor the conduction of internal assessment. The college provides the calendar of events in which the schedule of IA Test is published in the

beginning of every semester.

* **Monitors academic activities of various departmental committees**: There are few academic committees in each department. The academic monitoring committee has a greater responsibility to look after day to day activities as per the academic needs.

* **Train the faculty on Blooms taxonomy and programme outcomes**: There are various levels in which Blooms Taxonomy and programme outcomes are made familiar to faculty members. The fresh assistant professors are provided with pedagogy training programme during which the basics and the process to be followed will be informed.

2.13   Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	62
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	15
Faculty exchange programme	8
Staff training conducted by the university	10
Staff training conducted by other institutions	12
Summer / Winter schools, Workshops, etc.	58
Others	7

2.14   Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	56	-	-	-
Technical Staff	75	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC (if any at department level) in Sensitizing / Promoting Research Climate in the institution.

Initiatives
◆ To conduct more research and academics training programs
◆ To organize more FDP's, workshops, seminars and hands on training sessions.
◆ To apply for more research funded projects
◆ To upgrade and update the current research laboratories.
◆ To promote the culture of research among faculties and motivating them to register for Ph.D programs and involve in research activities

3.2 Details regarding major projects.

	Completed	Ongoing	Sanctioned	Submitted
Number	03	01	01	05
Outlay in Rs. Lakhs	58.9L	22 L	30 L	131 L

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	08	06	04	29
Outlay in Rs. Lakhs	1.11L	5	0.45L	1.54L

3.4 Details on research publications

	International	National	Others
Peer Review Journals	70	22	-
Non-Peer Review Journals	13	03	-
e-Journals	12	02	-
Conference proceedings	63	23	-

3.5 Details on Impact factor of publications:

Range	1-10
Average	3-4
h-index	20
Nos. in SCOPUS	237

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2017-18	ISRO, VGST	26 L	20 L
Minor Projects	2017-18	KSCST	15 K	15 K
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2017-18	College	8 K	8 K
Students research projects *(other than compulsory by the University)*	2017-18	Industry	12 K	12 K
Any other(Specify)	-	-	-	-
Total	**-**	**-**	**26.35 L**	**20.35 L**

3.7 No. of books published

I. With ISBNNo.	13
II. Chapters in Edited Books	13
III. Without ISBN No	02

3.8 No. of University Departments receiving funds from

UGC-SAP	-
CAS	-
DST-FIST	-
DPE	-
DBT Scheme/funds	-

3.9 For colleges

Autonomy	-
CPE	-
DBT Star Scheme	-
INSPIRE	-
CE	-
Any Other (specify)	MODROBS, DST, ISRO

3.10 Revenue generated through consultancy

2.16 Lakhs

3.11   No. of conferences organized by the Institution / Department

Level	International	National	State	University	College
Number	01	02	02	02	03
Sponsoring agencies	Institution	Institution, KSCST & delegates registration	Institution & delegates registration	Institution	Institution

3.12   No. of faculty served as experts, chairpersons or resource persons

14

3.13   No. of collaborations

International	-
National	14
Any other	-

3.14   No. of linkages created during this year

11

3.15   Total budget for research for current year in Lakhs

From Funding agency	26.00 L
From Management of University / College	10.50 L
Total	36.50 L

3.16   No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	-
International	Applied	04
	Granted	-
Commercialized	Applied	-
	Granted	-

3.17   No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College / Department
20	06	08	05	02	-	05

3.18   No. of faculty from the Institution / Department

Who are Ph.D Guides	23
Students registered under them	59

3.19   No. of Ph.D. awarded by faculty from the Institution / Department

06

3.20   No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	SRF	Project Fellows	Any other
1	-	-	-
-	-	-	-
-	-	-	-

3.21   No. of students Participated in NSS events:

University level	State level	National level	International level
76	35	04	-

3.22   No. of students participated in NCC events:

University level	State level	National level	International level
-	-	-	-

3.23   No. of Awards won in NSS:

University level	State level	National level	International level
-	-	01	-

3.24   No. of Awards won in NCC:

University level	State level	National level	International level
-	-	-	-

3.25   No. of Extension activities organized

University forum	College forum	NCC	NSS	Any other
-	13	-	04	-

3.26   Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Extension activities	03
Institutional Social Responsibility	14

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	8 acres	-	Management	8 acres
Class rooms	Total 84 Nos.	-	Management	84
Laboratories	96	1	Management	97
Seminar Halls	09 with Audio visual facility	-	Management	09
No. of important equipment's purchased (≥1-0 lakh) during the current year.	21	5	Management	26
Value of the equipment purchased during the year (Rs. in Lakhs)	87.00 Lakhs	14.06 Lakhs	Management	101.06 Crore
Others	-	-	-	

4.2 Computerization of administration and library

Library: Lib soft used in library.
Administration office: MS Office, ERP & GEMS

4.3 Library services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	33683	1.05 Crore	1534	4.37 Lakhs	35217	1.09 Crore
Reference Books	5697	24 Lakhs	154	0.55 Lakhs	5851	24.96 Lakhs
Journals	440	5.47 Lakhs	08	0.05 Lakhs	-	-
e-Books	12845	66.83 Lakhs	12845	23.20 Lakhs	12845	90.03 Lakhs
e-Journals	8611		7019		15630	
Digital Database	-	-	-	-	-	-
CD & Video	1417	2.0 Lakhs	18	-	-	-
Library Automation	Lib soft 10.0	0.7 Lakhs	-	-	-	0.7 Lakhs

4.4   Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1149	25	64 mbps	02	01	21	60	10
Added	40	01	36 mbps	01	01	04	10	02
Total	1189	26	100 mbps	03	02	25	70	12

4.5   Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governances)

Training for non-teaching staff on computer basics and MS office for smooth working of Department office.

4.6   Amount spent on maintenance in lakhs:

Particulars.	2107-18 (In Rs/-)	2018-19 (Budgeted) (In Rs/-)
i) ICT	443864.00	510443.00
ii) Campus Infrastructure and facilities	39123658.00	44992207.00
iii) Equipment's	2405682.00	2766534.00
iv) Others	3607732.00	4148892.00
Total :	**45,580,936.00**	**52,418,076.00**

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC has been discussing with staff, students and alumni about feedback of existing facilities, suggestions etc., and communicates to Head of departments and in turn to IQAC.

5.2 Efforts made by the Institution / Department for tracking the progression

- Conduction of alumni meet.
- Regular contact with alumni students through mails and phone.

5.3 (a) Total Number of students

UG		PG		Ph. D.		Others		Total	
Men	Women	Men	Women	Men	Women	Men	Women	Man	Women
2039	1099	170	96	17	18	NIL	NIL	2226	1213

(b) No. of students outside the state

255

(c) No. of international students

	In numbers
Men	01
Women	Nil
Total	01

(d)

Last Year												This Year											
General		SC		ST		OBC		Physically Challenged		Total		General		SC		ST		OBC		Physically Challenged		Total	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
218	103	37	22	12	06	217	153	0	0	484	284	102	66	26	14	6	4	235	190	0	0	369	274

(e)

Demand ratio	0.15
Dropout %	5%

5.4   Details of student support mechanism for coaching for competitive examinations (If any)

Sl. No.	Name of the Programme	Dept.	Date & Duration	No. of Students Beneficiaries
1	Technical Activities includes Aptitude Test, Group Discussion, Technical Quiz, Sudoku, Essay writing, etc.,	College level	10/08/2018	708
2	Self Analysis Tests and Case Studies	College level	13/08/2018	604
3	Guest Lecture on GATE Exam & Other competitive Examinations	ISE	09/10/2017	204

5.5   No. of students qualified in these examinations

NET	SET / STET	GATE	CAT	IAS / IPS	State PSC	UPSC	Others
0	0	07	0	0	4	0	30

5.6   Details of student counseling and career guidance

Sl. No.	Name of the Programme	Dept.	Date	No. of Students Beneficiaries
1	Seminar on Positive Thinking (Counseling and career guidance class) By Mr. Jayasimha, HR Trainer & Motivational Speaker.	MBA	25/10/2018	178
2	Seminar on the Power Of Choice for Integrity By Sri. Vigraha Dasa, Youth Empowerment Iniatives, ISKON	ISE	22/09/2018	288
3	Workshop on Universal Human Values By Dr. V B Aarthi, VIBHA Foundation	College level	05/08/2018	247
4	Seminar on Higher Education Opportunities in Abroad	ISE	17/08/2017	206

5.7   Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
45 (2017)	479	262	80
39 (2018)	562	271	105

5.8   Details of gender sensitization programmes

The institute consists of internal complaints committee consisting of 5 members. The chair person is women and

One of the members from NGO and other 3 are women. There is a women representative from non teaching staff. This committee ensures the safe environment i.e free of sexual harassment. This committee also ensures an atmosphere promoting equality, gender justice. To publicize the existence of the committee widely in the institute the names and phone numbers of the members are displayed in the campus.

A walkathon program was conducted to celebrate international women's day in the month of march-2018 by the institute.

5.9   Students Activities

No. of students participated in Sports, Games and other events

State/ University level	28
National level	04
International level	02

5.9.1   No. of students participated in cultural events

State/ University level	43
National level	NIL
International level	NIL

5.9.2   No. of medals / awards won by students in Sports, Games and other events: Sports

State/ University level	28
National level	03
International level	02

No. of medals /awards won by students in Sports, Games and other events: Cultural:

State/ University level	01
National level	NIL
International level	NIL

5.10   Scholarships and Financial Support

	Number of students	Amount
Financial support from Institution/Department	NIL	NIL
Financial support from government	1986	7,65,75,340
Financial support from other sources	NIL	NIL
Number of students who received International/ National recognitions	28	53500

5.11   Student organized / initiatives Fairs:

State / University level	04
National level	--
International level	--

Student organized / initiatives Exhibition:

State/ University level	6 (project exhibitions)
National level	NILL
International level	NILL

5.12   No. of social initiatives undertaken by the students

07

5.13   Major grievances of students (if any) redressed:

Grievances	Redressed
Regarding lack of industrial knowledge	arranged seminar on industrial training from our distinguished alumni Arpitha, She is working in Global Foundaries Pvt. ltd, so she agreed and taken seminar on industrial experience
regarding postponement of placement training	the grievance has been brought to the notice of the department placement coordinator.
Provision of projectors in classrooms	The request is considered and the same will be provided
Maintenance of equipment's in the laboratories	The maintenance of the equipment's in the lab is regularly calibrated
Regarding WiFi facility	Increased the speed of the WiFi

Criterion – VI

6.   Governance, Leadership and Management

6.1   State the Vision and Mission of the institution

Vision:

To achieve academic excellence at par with global standards.

Mission:

➢ To impart high quality technical education that nurtures the spirit of inquiry.

➢ To foster technological innovation.

➢ To give a fillip to all round personality development.

➢ To implant ethical and social commitment that grooms the students to become responsible citizens.

6.2   Does the Institution / Department has a management Information System:

Yes

6.3   Quality improvement strategies adopted by the Institution/Department for each of the following:

6.3.1   Curriculum Development

The institution is affiliated to Visvesvaraya Technological University and adopts the syllabus prescribed by the University. Faculty members are encouraged to participate in the discussion and implementation of new syllabus through various platforms provided by the University. Faculty members have also participated in the process of framing the syllabus.

6.3.2   Teaching and Learning

In order to enhance quality in Teaching & Learning, students are encouraged to participate in various SDPs, Technical Fests, Quiz, Competition, NPTL to expose them to recent trends in the Technology.

Remedial classes are conducted for slow learners and lateral entry students to bring them at par with regular students.

Various Guest lectures, workshops, hands on training programme are conducted for the benefit of the   students.

6.3.3 Examination and Evaluation

The Institute maintains complete transparency in the examination process and it strictly adheres to the norms prescribed by the University.

All eligible faculty members participate in various examination duties allotted by the university such as framing for question papers, evaluation of answer scripts, squad duty, lab examination duties, etc.,

6.3.4 Research and Development

Faculty members are motivated to register for Ph.D programmes and to publish quality research papers and to write project proposals for various funding agencies and to promote research culture in the campus.

Project Exhibition are conducted at department and institutional level to promote research among the students.

Seminars and workshops have been regularly organized to provide valuable insights to carry out research.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library has been digitalized, provision of NPTL lectures, E- Journal access- VTU Consortium.

New lift is provided in CMM Block for the convenience of the students and staff.

Additional projectors and smart class rooms, additional printers.

6.3.6 Human Resource Management

Preference is given for Meritorious candidates preferably with Ph.D at the time of Recruitment and encouraging the existing faculty members to register for Doctoral Programmes and to participate / organize various other Career Quality Enrichment Programmes such as FDPs', MDPs', Hands on training programmes, etc.,

6.3.7 Faculty and Staff recruitment

Preference is given for Meritorious candidates preferably with Ph.D at the time of Recruitment and encouraging the existing faculty members to register for Doctoral Programmes and to participate / organize various other Career Quality Enrichment Programmes such as FDPs', MDPs', Hands on training programmes, etc.,

Technically qualified candidates and experienced are preferred for Recruitment of Technical Positions.

6.3.6   Industry Interaction / Collaboration

The Institution have a MOUs' with many Industries and the faculties are visiting the companies regularly and interacting about the new technologies and the products developed by the Industries.

The Institution regularly arranging Industrial visits for the students. The Institution also inviting the Resource Persons from the industry to give the Guest Lecture and Hands on Training Sessions for the students and the faculty members.

6.3.7   Admission of Students

The Institution strictly adheres to the rules and regulations prescribed by the State Government and the University time to time and follows the rooster system for Students Admission.

6.4   Welfare schemes for

Teaching	Group Insurance, PF, Maternity Leave, ESI
Non teaching	Group Insurance, PF, Maternity Leave, ESI
Students	Group Insurance

6.5   Total corpus fund generated: 1.76 Crore

6.6   Whether annual financial audit has been done: Yes

Internal Audit: Internal Auditor audits the books of accounts regularly.

External Audit: Poojari Associates, an external auditing agency conducts the external audit annually.

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes / No	Authority
Academic	Yes	VTU	Yes	IQAC
Administrative	Yes	VTU, LIC	Yes	IQAC

6.8   Does the University/ Autonomous College declare results within 30 days?

For UG Programmes	No

For PG Programmes	No

6.9   What efforts are made by the University/ Autonomous College for Examination Reforms?

Not applicable being an Affiliated Institute.

6.10 **What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?**

University encourages the affiliated Institute for Autonomy.

6.11 **Activities and support from the Alumni Association**

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

6.12 **Activities and support from the Parent – Teacher Association**

There is no Parent – Teacher Association in the Institute but parents Teacher meeting have been conducted regularly in each department to discuss about the progress of the ward.

6.13 **Development programmes for support staff**

Sl. No.	Name of the Programme	No. of Beneficiaries
1	Development Programme for Non - Teaching Staff in Association with BITES by Dr. V B Arathi	125
2	Training Programme on Professional Ethics for Non - Teaching Staff in Association with BITES By Dr. V B Arathi	125

6.14 **Initiatives taken by the Institution / Department to make the campus eco-friendly**

EWIT is committed to become a model campus with regard to environmental conservation. The Institute is home to more than 700 trees and various species of birds across its campus. The Institute has sewage treatment plan and the recycled water is used for gardening purpose. The Institute also has recharge wells, solar panels, etc., to be more eco friendly.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution.

- Based on the Industry requirements Hands on training Programmes conducted create significant improvements in students skill set that improves the placement.

- Skill based practical workshops have been arranged for the students under self-supporting nature that facilitate increase in participation of seminars/workshops.

- App development programmes were conducted in house 243 students and 18 faculty mentor were participated.

- Online aptitude training, Group discussions, Mock-Interviews are regularly organized during the semester, that facilitates increase in placement.

- Progress report delivery through GEMS" has been successfully introduced which facilitate more involvement by parents in their wards studies.

- Beyond the Institutional curriculum, Awareness cum coaching programmes has been under practice that facilitates good success rate in the examinations.

- Since the Institution is having the academic tie-up with BITS, training programmes, guest lectures, webinars are regularly organized for increasing the awareness and learning attitude of students.

- Students are also encouraged to participate in various programmes, beyond Institution level such as symposium, seminars, workshop, technical competitions conducted by other colleges/University/Institutions.

- Three weeks compulsory Induction Programmes were offered to first year students for all the branches of UG & PG.

- Students attendance through GEMS software adopted by the college to monitor the student attendance regularly.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

Sl. No	Plan of Action	Action Taken Report
1.	**Research Supervisors status:** All faculty with PhD	As per the requirement of VTU, the minimum publication requirements based on Qualification and

	should register for guide ship of VTU.	year of completion of PhD to become research supervisor is discussed. The potential faculties are encouraged and supported to achieve the publication requirements to become research supervisor. Faculties with required credentials are advised. Due to consistent effort, 13 faculties have obtained guide ship from VTU in this academic year.
2.	**Research and Development**: To apply for research funding from external/ internal sources.	1. Faculties are informed to utilize the internal research funding by the Institution. All the faculties with Ph.D are encouraged to apply for funding from VGST and other agencies. 2. 17 research proposals to VGST and 6 proposals for other scheme such as MODROBS, Workshop/Seminar, FDP were submitted to AICTE.
4.	**Training, Placement & Alumni Activities:** To initiate various events/activities with the Alumni.	To improve alumni contribution, department wise Alumni meets were organized every year separately by all the departments 843 aluminizes were participated . 5 training programmes were organized to improve the skill set of the students. 38 number of placement drives were organized for helping the students to be employable.
5.	**Annual Targets for faculty:** To improve the teacher quality and appraisal score of faculties	**Professor:** Two Project work, Effective Major contribution for development of Department, publications, chairing the session in conferences, Train the Trainers, One Research proposal (minimum), etc., Conducting short term certificate courses or training the students on Latest Technology. **Associate Professor:** Professional Membership in any of the Society, Book Chapter publications, FDP Grants, Train the Trainers, Coordination/ Presentation / Publication in International Conferences, Counseling/ Carrier guidance. **Assistant Professor:** Professional Membership is mandatory for APs. They need to do active participation in activities of respective professional societies of the departments. Publications in referred journals only. FDP 1 to 2 week is compulsory. Minimum of 2 trainings on Value Added courses per semester needs to be conducted for students. These courses predominantly include soft skills that improve employability of students, like conducting mock interviews etc. Knowledge Up gradation of Faculty Members is a

		key component in Faculty Evaluation. Based on the above criterion, appraisal was conducted for all the faculties by getting their self appraisal form.
6.	**Faculty Development Programmes: To u**pgrade the knowledge in the respective domains	Faculties with experience of 2 years and above have to attend FDP courses compulsorily during the semester. Totally 97 seminars and workshops were attended by the faculties in this academic year.

7.3   Give two Best Practices of the Institution

1. Institutional Social Responsibility

2. Usage of open source software

   * Details are given in the Annexure 3

7.4   Contribution to environmental awareness / protection

The institution contributed the environmental welfare through the following ways:

- 950 W of wind power plant are installed on the administrative block to meet the energy needs. The lighting in all blocks is with LED .
- One unit of Sewage treatment plant with 4MLD capacity are installed in the campus.
- The run off rain water is diverted into the percolation pits in all the buildings of the campus to increase the ground water level.

7.5   Whether environmental audit was conducted?   Yes

7.6   Any other relevant information the Institution wishes to add.

   Institutional strengths

i.   Academic freedom to the faculty members through decentralization of powers.

ii.   Good track of admission scenario for the sanctioned in-take in spite of the admission downturn in the technical education scenario.

iii.   Well established infrastructure facilities.

iv.   More University rank holders.

v.   Good harmony, dedication by faculty members towards work commitments.

   Institutional Challenges

i. Commercial research project from government agencies has to be initiated more.

ii. Industry participation in research work with the outcome of consultancy need to be encouraged.

iii. Collaboration with Technical Institution and Organization needs to be explored further.

iv. Pedagogies of faculty members and learning attitude of students for fulfilling the expectations of Industry stake holders are also need more attention.

v. The mismatch between outcome of the academic research and Industry expectation is also raised as one of the challenges.

8. **Plans of Institution for next year**

- Strengthening of Teaching - Learning Process.

- Initiation of NBA process.

- Strengthening of R & D.

- To encourage faculty members to register for Ph.D and to write proposals.

- To encourage students & faculties to publish articles in peer reviewed journals.

- Strengthening of skill / technical enhancement programmes.

- To promote co-curricular / Extra co -curricular activities.

- Strengthening of Industry Institute Interaction.

Name: Dr. Nagaswarupa H P

Signature of the Coordinator

Name: Dr. K Channakeshavalu

Signature of the Chairperson

Principal
East West Institute of Technology
Off Magadi Main Road, Bengaluru-91

EAST WEST INSTITUTE OF TECHNOLOGY
Bangalore - 560091

CALENDAR OF EVENTS FOR ODD SEMESTER 2017-18
B.E (I, III, V & VII Sem) / MCA (III & V Sem) / M.TECH (III Sem)
(Session: August 2017 to Nov 2017 ODD SEM)

Week	Month	MON (D1)	TUE (D2)	WED (D3)	THU (D4)	FRI (D5)	SAT (D6)	Work ing Days	Activity
1	Aug	07©	08	09	10	11	12	5.5	©Commencement of classes for B.E, MCA (M.Tech: 16 weeks of Internship)
2	Aug	14	15 GH	16	17	18	19	4.5	GH: Independence Day
3	Aug	21	22	23	24	25 GH	26	4.5	GH: Ganesha Chaturthi
4	Aug / Sep	28	29	30	31	01	02 GH	5.0	GH: Bhakrid
5	Sept	04	05	06	07	08	09	5.5	
6	Sept	11	12	13	14	15	16 T1	5.5	T1: FIRST IA TEST
7	Sept	18 T1	19 GH	20 T1	21	22	23	4.5	T1: FIRST IA TEST GH: Mahalaya Amavase
8	Sept	25	26	27	28	29 GH	30 GH	4.0	GH: Ayudha Pooja GH : Vijaya Dashami
9	Sept / Oct	02 GH	03	04	05 GH	06	07	3.5	GH : Gandhi Jayanthi GH : Valmiki Jayanthi
10	Oct	09	10	11	12	13	14 T2	6.0	T2: SECOND IA TEST
11	Oct	16 T2	17 T2	18 GH	19	20 GH	21	3.5	T2: SECOND IA TEST GH: Naraka Chaturdarshi GH: Balipadyami
12	Oct	23	24	25	26	27	28	5.5	
13	Oct / Nov	30	31	01 GH	02	03	04	4.5	GH: Kannada Rajyotsava
14	Nov	06 GH	07	08	09	10	11	4.5	GH: Kanakadasa Jayanthi
15	Nov	13	14	15	16 T3	17 T3	18 T3	6.0	T3: THIRD IA TEST
16	Nov	20	21	22	23	24	25 LW	6.0	LW: Last Working day
	Total	14	14	14	15	13	9.0	79.0	

* Minimum of 85 % attendance is essential to appear IA Tests & VTU examinations.
* Only three internal tests will be held to access the performance.

Commencement of Theory & Practical Examinations

	B.E (I Sem)	B.E (III, V & VII Sem)	MCA (III & V Sem)	M.Tech (III Sem)
Practical Examination	29-11-2017 to 08-12-2017	29-11-2017 to 08-12-2017	29-11-2017 to 08-12-2017	–
Theory Examination	11-12-2017 to 30-12-2017	11-12-2017 to 10-01-2018	11-12-2017 to 30-12-2017	12-12-2017 to 30-12-2017 (Arrear Subjects)
Commencement of Even Sem	01-02-2018	01-02-2018	01-02-2018	06-01-2018

Cycles for B.E I Semester

Chemistry Cycle: ECE, EEE & Civil Branches
Physics Cycle: CSE, ISE & Mech Branches

*** *** ***

EAST WEST INSTITUTE OF TECHNOLOGY
Bangalore - 91
CALENDAR OF EVENTS FOR EVEN SEMESTER 2017-18
B.E. (II, IV, VI & VIII Sem) (Session: Feb 2018 to May 2018)

Sl. No.	Month	MON (D1)	TUE (D2)	WED (D3)	THU (D4)	FRI (D5)	SAT (D6)	Working Days	Activities
1	Jan / Feb	29⊛	30	31	01	02	03	5.5	⊛ Commencement of classes for B.E
2	Feb	05	06	07	08	09	10	5.5	
3	Feb	12	13 GH	14	15	16	17	4.5	GH: Maha Shivarathri
4	Feb	19	20	21	22	23	24	5.5	
5	Feb / Mar	26	27	28	01	02	03	5.5	
6	Mar	05	06	07	08 IWD	09HC	10	6.0	IWD: International Women's Day & Walkathon program. HC: Health Checkup Camp & Blood Donation. March 11: Golden Jubilee Celebration.
7	Mar	12 T1	13 T1	14 T1	15	16	17 AT	5.5	T1: First IA Test for B.E AT: Annual Athletic Meet
8	Mar	19	20	21	22	23	24	5.5	
9	Mar / Apr	26	27	28	29 GH	30 GH	31	3.5	GH: Mahaveer Jyanthi GH: Good Friday
10	Apr	02	03	04	05	06	07	5.5	
11	Apr	09	10	11	12	13	14 GH	5.5	GH: Ambedkar Jayanthi
12	Apr	16 T2	17 T2	18 GH	19 T2	20	21	4.5	T2: Second IA Test for B.E GH: Basava Jayanthi
13	Apr	23	24	25	26	27	28 CF	6.0	CF: College Day & Cultural Fest
14	Apr/May	30	01 GH	02	03	04	05	4.5	GH: MAY Day
15	May	07	08	09	10	11	12	5.5	
16	May	14	15	16	17 T3	18 T3	19 T3	6.0	T3: Third IA Test for B.E
17	May	21	22	23	24	25	26 LW	5.5	LW: Last working day for B.E
	Total	17	15	17	16	16	9	90	

* Minimum of 85 % attendance is essential to appear IA Tests & VTU examinations.

* Three assignments and three internal tests will be held to access the performance of the students.

Commencement of Theory & Practical Examinations

	II, IV & VI SEM B.E	VIII SEM B.E
Practical Examination	28.05.2018 to 07.06.2018	-
Theory Examinations	11.06.2018 to 14.07.2018	28.05.2018 to 08.06.2018
Viva voce	-	11.06.2018 to 16.06.2018
Commencement of ODD SEM	01.08.2018	-

* Annexure:2 Analysis of the Curriculum Feedback

From
VII Semester Faculties
Department of CSE
East West Institute of Technology
Bangalore-560091

Date: 12/09/2018
Place: Bangalore

Through
The Principal
East West Institute of Technology
Bangalore-560091

Through
Head of the Department
Department of CSE
East West Institute of Technology
Bangalore-560091

To
The Registrar (Academics)
VTU, Belagavi -590018

Respected sir,

Subject: Requisition to revise Machine learning laboratory (15CSL76) programs.

With reference to the above subject, we the faculty members of CSE Dept. EWIT, requesting you to **permit the usage of built-in functions for all the lab programs**, since without built-in functions students are facing difficulty in tracing the program flow. It would be helpful to all the students under VTU to write and execute the lab programs using built-in functions.

Kindly consider our request and do the needful.

Thanking you,

Yours Sincerely,
VII Semester Faculties
1. Prof. Swetha N
2. Prof. Indumati T
3. Prof. Ranjitha J

Head of the Department
Dept. of Computer Science & Engg
East West Institute of Technology
Bangalore-560 091

Principal
EAST WEST INSTITUTE OF TECHNOLOGY
BANGALORE - 560 091

SUBRAMANYA EDUCATION SOCIETY(R)

EAST WEST INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University,Belgaum,
Approved by AICTE &Accredited to NBA,New Delhi, ISO 9001-2000 Certified)
NO.63,Off Magadi Main Road, Near Anjananagar, Vishwaneedam Post,
BANGALORE-560091,KARNATAKA

From,
The Principal
East West Institute of Technology
Bangalore-560091
To,
The Register
Visvesvaraya Technological University
"Jnana Sangama"
Belagavi-590018

Date: 30/03/2016
Place:EWIT,Bangalore
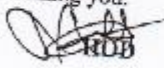
Respected sir,

<u>Subject: Requisition to consider grievances on Feedback of 2010 scheme syllabus effective from academic year 2015-16</u>

With respect to the above subject the following grievances are listed on the subjects of mechanical engineering 2015 scheme syllabus In this I request you to consider the grievances and accordingly.

Sl no	SUBJECT CODE	SUBJECT NAME	GRIEVANCES
1	10ME662	Mechanics of composite materials	The syllabus suggested in curriculum is appropriate and fills the requirement of subject knowledge for undergraduate students.
2	10ME62	Design of machine elements-II	Availability of contents in a single design data hand book will help the students.
3	10ME54	Dynamics of machines	Needs current trend concepts to be included. More practical knowledge based concepts to be included. Provision for mini projects and internship in curriculum
4	10ME65	Mechatronics and metrology	Mechatronics lab should be included in the syllabus

Thanking you.

HOD
Dept. of Mechanical Engineering
E.W.I.T., Bengaluru - 560 091

Principal

To,

The Registar
Visvesvaraya Technological University
"Jnana Sangama"
Belagavi 590018

Date: 05/03/2017
Place: EWIT Bangalore

Respected Sir,

Subject: Feedback on Civil CBCS Scheme syllabus, effective from academic year 2016-17

With respect to the above subject the following feedback are listed on the 4th semester
Civil Engineering CBCS Scheme syllabus.

Sl No.	Subject Code	Subject Name	Feedback
1	15CV42	Analysis of Determinate Structures	Contents of Module 2 are little higher, stipulated time given is less.
2	15CV43	Applied Hydraulics	Contents of Module 1 is little higher.
3	15CV44	Concrete Technology	Given syllabus is satisfactory.
4	15CV45	Basic Geotechnical Engineering	Flownets and seepage concepts could be included in advanced geotechnical engineering in detail.
5	15CV46	Advance surveying	Given syllabus is satisfactory
6	15CVL47	Hydraulics laboratory	
7	15CVL48	Engineering Geology laboratory	A part of remote sensing satellite imageries would enhance the knowledge of the students as mapping now a days is done using RS and GIS.

M.S.N

HOD
Professor & HOD
Department of Civil Engineering
East West Institute of Technology
Vishwaneedam Post, Ba...

Principal & Director
Principal & Director
East West Institute of Technology
Bangalore-560 091

EAST WEST INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belgaum, Approved by AICTE,
New Delhi & Recognized by Govt. of Karnataka)
63, Off. Magadi Road, Vishwaneedam Post, Bangalore - 560 091.
Ph : 23286732, 23288237   Fax : 080-23288244
E-mail : ewgi68@gmail.com, principal@ewit.edu   Website : http://www.ewit.edu

Date: 28/04/2017

To,
The Registar,
Visvesvaraya Technological University,
Jnana Sangama
Belagavi – 590018.

Respected sir,

Sub: Feedback on the Civil Engineering scheme proposed by VTU on April 2017

The following points may be considered for revision of CBCS scheme of civil engineering from 5th to 8th semester.

a) Environmental engineering and allied subjects

1. Division of subjects to the various streams should be revised as less thrust has been given to environmental studies – Since there a vast climate change and environment is degrading, a civil engineer should understand the possible impacts of the change they bring during development. Hence, Environmental engineering has to be taught in detail with 2 semesters as water supply engineering and waste water treatment and disposal. A professional elective may be introduced in 7th semester. Environmental protection and management may be included as a core subject. The rural water supply and sanitation engineering may be included in the scheme as elective.

2. The subject, Climate change has to be included in the curriculum as the students should understand the probable reason for climate change and civil engineers are the major contributors for land development.

b) Structural Engineering and allied subjects

The subjects, Advanced design of RCC and steel structures (15CV72) has to be split into 2 separate subjects as the knowledge of both the subjects are prerequisite for a civil engineer in the site. Understanding both the subjects together at a time will be troublesome for the students. However, at graduation level, advanced studies may not be included as more stress has to be given on basics.

SUBRAMANYA EDUCATION SOCIETY (R.)

EAST WEST INSTITUTE OF TECHNOLOGY

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E-mail : ewgl68@gmail.com; principal@ewit.edu Website : http://www.ewit.edu

c) **Construction Technology**

Advanced Concrete Technology has been omitted from the syllabus. This subject may be included in the syllabus as an elective after revising the syllabus.

d) **Transport and Highway Engineering**

As per the new syllabus, Railway, harbor and tunneling has been included in professional elective of 6th semester, since this is an important civil engineering criteria, this may be added as a core subject instead of being an elective. Highway geometric design may be allotted as elective.

e) **Geotechnical Engineering and allied subjects**

1. There are two geotechnical engineering subjects in same semester, one as core (15CV53) and another as an elective (15CV554). This may be given in two different semesters viz., 5th and 6th.

2. The Geotechnical engineering lab and concrete technology lab may be interchanged, as the geotechnical engineering theory is also present in 5th semester.

f) **Hydrology and allied subjects**

The hydrology and irrigation engineering subject has been introduced in the 7th semester. Since hydrology is the basic for any environment related subject, this would be preferably studied in the lower semesters. Moreover, the groundwater hydrology is an elective in 7th semester.

The basics of hydrology are very much required for learning groundwater hydrology.

HOD

Professor & HOD
Department of Civil Engineering
East West Institute of Technology
Vishwaneedam Post, Bangalore - 560 091

Principal
East West Institute of Technology
Bangalore-560 091

M Gmail   Chinmayi Srikanth <chinmayisrikanth@gmail.com>

Feedback for the III Sem Sub Electronics Laboratory (15EEL37) of EEE (CBCS)

1 message

Chinmayi Srikanth <chinmayisrikanth@gmail.com>   Fri, Jun 3, 2016 at 1:57 PM
To: registrar@vtu.ac.in, rayasam venkata subbiah srinivasa murthy <smurthy_28@yahoo.com>

Sir,

The Syllabus set for the electronics laboratory [15EEL37] for the III sem CBCS scheme has experiments which includes both Analog Electonics circuitry and Digital system design theory subject syllabus.

Here by I would like to suggest that the lab should have focussed more with Analog circuitry experimnets. Particularly:
1. The oscillator circuits- Crystal oscillator is a very basic experiment required for the students to understand the importance of stable oscillator which are used to generate the clock pulses in all digital circuitry.
2. The clipping and clamping circuits - The students will be able to understand the working of clipping and clamping circuits (which is there in AEC theory) only by conducting the suitable experiments.

Instead of experiments number 6 and 11 , the above experiments can be introduced to make the students to better understand the difficult concepts and to introduce them with industry requirements.

Thanks
Regards
ChinmayiSrikanth
Assoc Prof, Dept of EEE
EWIT, Bengaluru
ph. No 9886893484

SUMMARY OF FEEDBACK ON CURRICULUM (2010 SCHEME)

To,
The chairman
Board of Studies (Electrical)
Visvesvaraya Technological University,
Belgavi

Sir,

Subject: Summary of 2010 syllabus scheme for the Electrical & Electronics Engineering branch.

I wish to bring the following summary of the feedback which was taken across a cross-section of teaching faculty, students, parents, alumni and industry regarding the syllabus of EEE 2010 scheme.

1. Few of the subjects like Network analysis (10ES32), Computer techniques in power systems (10EE71) are overcrowded with contents.
2. Lab and theory in the same semester would have been better for subjects like TIM & TIM lab, control system & CS lab etc.
3. More programs can be included in the subjects like microcontroller & CTPS as it would be more beneficiary for students to study both simultaneously.
4. Reference for each subject seems to be satisfactory for all the stake holders.
5. All the subjects need to be updated with the technical advancements.
6. Subject coverage seems to be satisfactory for most of the stack holders.

This is for your kind consideration and needful action.

HOD,
DEPT. OF EEE

* Annexure: 3 - Best Practices

Best Practice: 1

1. **Title of the Practice: Institutional Social Responsibility**

2. **Objectives of the Practice**

- To promote social learning among the students and faculties of the institution.

- To ensure Leadership, Community and Team Building Skills in students.

- By providing civil education, creates the health enrichment of community.

- To generate sensibility for challenges in society.

- To spread awareness for social responsibility.

3. **The Context**

India is going through tremendous transformations at this juncture. Growth in access to education has been remarkable during the 11th Five Year Plan period. Ambitious growth targets have been set for the 12th Plan by the government. In particular, growth in access to post-secondary educational provision is specially targeted in 12th Plan.

As the youth of this country aspire for a better life, as millions of them enter higher education institutions as first generation learners, they get exposed to a new world of ideas. In addition to learning about the subjects they have chosen to study, higher education must inculcate in them a sense of social responsibility.

The young students who enter the higher education are energetic, curious and interested to make some contributions. Proper guidance and support by the institutions at this juncture can reinforce their ethical and social responsibilities. While many individuals in such institutions have undertaken innovative efforts, there has not been an adequate institutional mechanism for promoting the same.

It is in this context that 'fostering social responsibility in higher education' Partnerships with communities and civil society need to be encouraged to realize this potential.

4. The Practice

➤ To achieve the goal and develop such standards in all stakeholders, has formulated the policy on institutional social responsibility it is being decided to incorporate Institutional Social Responsibility activities at institution level during the regular academic sessions. Create awareness among students and staff towards our responsibility for societal development. Arrange training / awareness programs for unprivileged school children, Orphanage, Old homage, etc.

➤ Develop need based educational projects for unprivileged school students, Orphanage, Old homage, etc. Organizing training /awareness programs, social projects in association with social organization, clubs. Undertaking activities, schemes for village development.

➤ To plan and execute projects for physically challenged persons.

➤ Arrange seminars / lectures by social workers for our faculty and students.

5. Evidence of Success

These activities not only improve the livelihoods and advance their professional opportunities, but also become and act like good citizens of the country. It is placed as an important pillar of the future directions. By improving engagements with the community, institutions of higher education can reinforce the values of social responsibility amongst the young students.

6. Problems Encountered and Resources Required

➤ Reshape engineering education to serve society as well as the engineering community

➤ Foster the involvement of engineers in cultivating the philosophy of technology, the rational and moral underpinnings of the modification of nature and the creation of artifacts.

➤ Increase attention to complex socio technological problems, such as poverty or education, and propose new institutions, such as "Technological Magistrature" with combined technical and legislative power, to address complex Socio Technological problems.

➤ Work more closely with leaders of business and government to develop a sense of engineering and technology as one of the essential component.

7. Notes

The Planning Commission has recommended including 'fostering social responsibility' as an integral part of the strategy for advancing higher education in the 12th Plan. As greater public and private investments in higher education take place over the next five years, it is imperative that the expanding access is complemented with improved quality of learning.

The main challenge in the 21rst century for the education of health professions resides in the responsibility of educational institutions for a greater contribution to improving health systems performance and people's health status. This will be achieved, not only by tailoring educational programs to priority health problems, but by a stronger involvement in anticipating health and human resources needs of a nation and in ensuring that graduates are employed where they are most needed delivering the most pressing services. A new paradigm of excellence for academic institutions is needed, as well as new sets of standards and accreditation mechanisms to promote and evaluate their capacity for a greater impact on health.

8. Any other information regarding Innovations and Best Practices which the university would like to include.

Best Practice 2

1. **Title**: Usage of open source software.

2. **Objectives**:

- To decrease student and college spending on software and texts, this will release financial resources.
- To improve students success by providing students with leading edge open source software needed to best meet academic, career and personal improvement goals.

3. **The context**:

- The short release cycles of some open source projects can be difficult to keep up with.

- Flavour-of-the-week open source frameworks are a security nightmare and while having an automated system to scan for the latest updates will help.

- With such a wide base of users to test the software, spot potential bugs, and security flaws, free open source software (FOSS) is often considered more secure.

4. **The Practice**:

- Devoting Budget to Other Academic Activities: As the usage of FOSS software in higher education results in cost saving of academic institution. Therefore, it is possible to direct greater budgetary to other academic activities such as research and development or to the improvement of the equipments of the laboratories

- Prevention of Illegal Copying: Students can install the FOSS tool in their own computers without any restriction and thus illegal copying of software is not necessary for their academic work outside institution premises.

- Promotes Self Learning and Independent Study: Conventional laboratories were conducted using proprietary software in the traditional manner where the students were allocated into a group of two / three students and taught by a faculty member. However,

- Access to Source Code: It provides an opportunity to study the source code by the students.

5. Evidence of Success:

The following are the BE Laboratory sessions which are successfully conducted in the

sem	Laboratory name	Operating System	Software used
I/II	C- Programming laboratory	Ubuntu (Linux)	GCC Compiler
III	Data Structures and Algorithm Laborithm	Ubuntu (Linux)	GCC Compiler
IV	Design and Analysis of Algorithms Laboratory	Ubuntu (Linux)	Java Compiler
V	Computer Networks Laboratory	Ubuntu (Linux)	Java Compiler and Network sumulator 2
VI	Computer Graphics Laboratory	Ubuntu (Linux)	OpenGL utility Tool
VI	System software and Operating System Laboratory	Ubuntu (Linux)	GCC Compiler, Lex and Yacc compiler
VII	Machine Learning Laboratory	Ubuntu (Linux)	jupiter notebook
VII	Web Technology Laboratory	Ubuntu (Linux)	XAMPP

Department of Computer Science and Engineering in our College using FOSS.

6. Problems encountered and Resources Required:

Too many package managers makes Linux hard to learn and master

Many Linux newbie start with Ubuntu. This should not take away from Ubuntu; it is a testament to its smart design and ease of use. In the terminal or on the command-line, users will learn the apt package manager commands, as that is what Ubuntu uses. Sadly, new Linux users will think the apt package manager is the *only* package manager. There are many other managers such as YUM and Pacman. These package managers use entirely different commands which can be confusing.

Hardware compatibility:

Linux has come a long way regarding hardware compatibility. In fact, Linux now offers a better out-of-the-box experience than Windows or Mac for basic hardware detection. However, out-of-the-box is not the end-all-be-all. Hardware will be released after that kernel release and some accessory hardware will not have the needed software to interface.

Resources Required:

The following are the Recommended Minimum System Requirements for the installation of Ubuntu Desktop Edition

- 2 GHz dual core processor
- 2 GiB RAM (system memory)
- 25 GB of hard-drive space (or USB stick, memory card or external drive but see Live CD for an alternative approach)

- VGA capable of 1024x768 screen resolution

- Either a CD/DVD drive or a USB port for the installer media

- Internet access is helpful.

7.   Notes:---------------------------

8.   Any other information regarding Innovations and Best Practices which the university would like to include

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