

1.4.1-Report-Syllabus-Revision-Feedback

Academic Year	Semester	Subject	Analysis	Action Taken Report		
				Activity	Date	Department
2012-13	V, VIII	EHW, Project	Analysis shows that course content are not fully adequate to meet the current trends in industry.	Robotics workshop	11,12 august,2012	EXTC
	V, VIII	PCS, Project		Steady state analysis method of industrial electronics	25/19/1912	EXTC
	VIII	Project		National conference	15 and 16/03/2012	EXTC
				Debate Techopedia	6 and 7/10/2012	EXTC
2013-14	V, VI	Mini Project	Over all feed back from studens and faculty indicates that more focus towards soft skills, team work and social ethics to meet the current requirement of industry .	PCB assembly workshop		EXTC
	VII, VIII	Project		Robotics Workshop	13 and 14/02/2014	EXTC
				Trends in Nuclear power management		EXTC
	ALL			Techopedia- National Level Quiz	13 & 14 September 2013	EXTC
	VII, VIII	Project		Demonstration of Project work.	28/03/2014	EXTC
	ALL			Role of women engineers in core engineering fields	14/09/2013	EXTC
2014-15	V, VI	MCA	Students should be groom in analyzing and desiging of electronics circuits in order to satisfy electronics industry requirements.	Arduino workshop	31/01/2015 and 01/02/2015	EXTC
	V, VI	Mini Project		Industrial visit to Copper Track Industries, Nashik	03/08/2015	EXTC
	ALL			Techopedia	16 and 17/09/2014	EXTC
2015-16	V, VI	MCA	Course content are not fully adequate to cover the use and applicabilty of modern engineering tools.	Arduino workshop	23/01/2016	EXTC
						EXTC
	VIII	WN		HAM Radio	18/07/2015	EXTC
	VII, VIII	WN, Project		Raspbery PI with Python Programming	10/08/2015-28/08/2015	EXTC
	VII, VIII	WN, Project		Raspbery PI and Python Programming	14/06/2016 to 7/7/2016	EXTC

2016-17	VII,VIII	project	Course content are lacking with respect to advance	Hands on workshop on Drone making	27/08/2016	EXTC
	VII,VIII	IVP,Project	project report writing tools,solving real time engineering problems	Hands on workshop on Electronics Hacking and Gesture control	24 and 25/02/2017	EXTC
	V,VI,VIII	MCA,WN,Mini Project		Arm-Mbed workshop	11 and 12/03/2016	EXTC
	V,VI,VII,VIII	Project		Introduction to LateX	28/10/2016	EXTC
	V,VII,VII I	MCA,WN,Project		Embedded system and IOT	19/06/2017-10/07/2017	EXTC
	VIII	SATCOM		Industrial visit to STC Pvt.Ltd	02/04/2017	EXTC
2012-13	VII	Artificial Intelligence	Realization about importance of AI in IT industry should be developed	Seminar on Artificial intelligence and Neural Network	9/15/2012	IT
	VI	Final Year Project	Awareness about recent technologies need to be created.	Seminar on Emerging Trends in IT and telecom	9/1/2012	IT
	IV, V, VI	All Subjects	Technical communication, presentation skills and ability to work in team need to be developed	Beyond Syllabus Subject Seminar(Even and odd sem)	Throughout Semester	IT
	VIII	Project	Awareness about recent research advancements need to be developed	Techxter 2.0 (Paper Presentation)	1/2/2013	IT
2013-14	III, V	OOPM, OSCD	Training on current technologies should be provided	Workshop on Core java	Sep-13	IT
	VI	Final Year Project	Awareness about recent technologies need to be created.	Workshop on Raspberry pi	3/22/2014	IT

	IV, V, VI	All Subjects	Technical communication, presentation skills and ability to work in team need to be developed	Beyond Syllabus Subject Seminar(Even and odd sem)		IT
	VIII	Project	Awareness about recent research advancements need to be developed	Techxter 3.0(Paper Presentation)	1/2/2014	IT
	VI	SE	Exposure to industry working culture should be provided	IV to Bengaluru TE	18-01-2014	IT
	VI	SE	Exposure to industry working culture should be provided	IV to Persistent Solutions for TE	8/2/2014	IT
2014-15	V	OST	Training on recent technologies should be provided	Workshop on Developing Mobile Application With Android	Sep 7,14,28,Oct 6,10, Nov 5,7-2014	IT
	VII	Project	Training on recent technologies should be provided	Workshop on Server and Client Programming in .net Technology	Aug 3,17,31, Sep 7,21,27,28,2014	IT
	VIII	Project	Awareness about recent research advancements need to be developed	Techxter 4.0 (Paper Presentation)	14/09/2014	IT
	VI	Final Year Project	Training on recent technologies should be provided	SDP on Touch and Augmented Interface	Mar 14-15,2015	IT
	VI	Final Year Project	Awareness about recent technologies need to be created.	Seminar on High performance Computing for Embedded systems	3/10/2015	IT
	VI	Final Year Project	Awareness about recent technologies need to be created.	Seminar on latest technological trends in IT industry	4/11/2015	IT

	VI	SAWS	Realization about recent industry requirement should be created	Seminar on Need for Security	1/22/2015	IT
	IV, V, VI	All Subjects	Technical communication, presentation skills and ability to work in team need to be developed	Beyond Syllabus Subject Seminar(Even and odd sem)	Throughout Semester	IT
	VI	SE	Exposure to industry working culture should be provided	IV to Rajasthan TE		IT
2015-16	V	CGVR	Training on recent technologies should be provided	Workshop on 3D Animation	Oct 3-4,2015	IT
	III,V,VII	Technical Knowledge		Mindspark	16/09/2015	IT
	VIII	Project	Awareness about recent research advancements need to be developed	Techxter 5.0(Paper Presentation)	14/09/2015	IT
	V	OST	Training on recent technologies should be provided	Workshop on Andrid Game development without programming	3/20/2016	IT
	VI	Final Year Project	Awareness about recent technologies need to be created.	Seminar on Project Guidance	3/5/2016	IT
	IV, V, VI	All Subjects	Technical communication, presentation skills and ability to work in team need to be developed	Beyond Syllabus Subject Seminar(Even and odd sem)	Throughout Semester	IT
2016-17	VIII	Project	Training on opensource tools for documentation should be provided	Latex Workshop	1/21/2017	IT

	VI	Final Year Project	Training on recent technologies should be provided	Workshop on Augmented reality	feb 18-19,2017	IT
	VI	Final Year Project	Awareness about recent technologies need to be created.	Seminar on project selection	3/21/2017	IT
	VI	Placeme nt	Technical communication and presentation skills should be imparted	Seminar on soft skills for TE IT	3/30/2017	IT
	VIII	SNMR	Conceptual knowledge of Real-time industry processes should be imparted	Storage Network management and retrieval	4/4/2017	IT
	V	AIT	Training on recent technologies should be provided	Workshop on Ethical Hacking	20-21 august 2016	IT
	IV, V, VI	All Subjects	Technical communication, presentation skills and ability to work in team need to be developed	Beyond Syllabus Subject Seminar(Even and odd sem)	Throughout Semester	IT
	VIII	Project	Awareness about recent research advancements need to be developed	Techxter 7.0(Paper Presentation)	27/02/2017	IT
	III,V,VII	Technical Knowledge	Technical knowledge, management skills need to be developed	Mindspark	23/9/16	IT
2012-13	VI, III	Microprocessor, COA	Hands on training is required	PC Assembly Workshop	04-08-2012	CE
	V	WE	Use of Advanced tools is required from industry perspective	PHP Workshop	25-08-2012	CE

	VIII	CSS	Use of Advanced tools is required from industry perspective	Ethical Hacking and Networking Seminar	12-01-2013	CE
	V	OS	Case studies should be included	Linux Spoken Tutorial	27-09-2012	CE
	ALL		Course content are not fully adequate to meet the current trends in industry.	Beyond Syllabus Subject Seminar(Even and odd sem)		CE
2013-14	ALL			Motivational Seminar on Leadership	2/8/2013	CE
	VII,VIII	Computer Organization and Architecture	CBGS 2013-14	Business Synapse	15-09-2013	CE
	ALL	DWM	CBGS 2013-14	PHP and MySQL	11/1/2014	CE
		Discrete Structures	CBGS 2013-14	Python	18-01-2014	CE
	V,VI	CN				CE
	V,VI	Advanced Database Management System		IV to Bengaluru BE	18-01-2014	CE
		PM	Understanding of Industry process is required	IV to Persistant Solutions for TE	8/2/2014	CE
	ALL		Understanding of Industry process is required	Beyond Syllabus Subject Seminar(Even and odd sem)		CE
2014-15	V,VI,VIII	PM,DDB,SS,	Industry Intercation is needed	Technokrieg(Inter active Discussion)	15-09-2014	CE
	V,VI	SE,WTL	Introduction to new tool and technologies is missing	Webweawerz(Web designing Competition)	15-09-2014	CE
	VII,VIII	DDB,DWM	Hands on training is required	Value Added Course(Big Data Analytics)	30-07-2014 to 14-10-2014	CE
	ALL		Current technologies and tools should be introduced	Beyond Syllabus Subject Seminar(Even and odd sem)		CE
2015-16	V	NTALab	Prerequisite subjects are missing	Linux Workshop	1/8/2015	CE

	VIII	Human Machine Interaction	CBCS 2015-16			CE
	III	OOPM	Hands on training is required	C++ Workshop	30-01-2016	CE
			Seminar on Core Java	25-08-2015	28	CE
			Seminar on Advanced Java	24-08-2015	60	CE
	IV	COA	Hands on training is required	PC Assembly workshop	25-03-2016	CE
	V	MP	Interfacing hands on is required	Workshop on FireBird 5 platform	30-07-2015	CE
	VI	Project Management	Implementing effective and optimal solution is required	Seminar on Beautiful Coding :Writing High Quality Code	22-01-2016	CE
2016-17	ALL		Use of high end tool should be encouraged	Microsoft Azure Campus Training	18-02-2016	CE
				Beyond Syllabus Subject Seminar(Even and odd sem)		CE
				Workshop on Android Programming	30-07-2016, 31-07-2016	CE
		ALL	Open source softwares should be introduced and used	Python Workshop	28-01-2017	CE
	V, VII	MP, AI, Robotics	Hands on training is required	Eyantra Robotics workshop	22-10-2016	CE
		ALL	Bridging the gap between industry and academics is required	Beyond Syllabus Subject Seminar(Even and odd sem)		CE
	VIII	BDA	Hands on training is required	Guest Lecture on NoSQL and Big data Hadoop	13-04-2017	CE
	V	SE	Industry process should be introduced	Guest Lecture on Product Development	21-04-2017	CE
	IV	CG	Use of Open source tool should be encouraged	Guest Lecture on Animation and Blender Software	21-04-2017	CE
	VIII	DWM	Bridging the gap between industry and academics is required	Guest Lecture on Data science industry expectations	15-04-2017	CE

	VIII	HMI	Bridging the gap between industry and academics is required	Guest Lecture for HMI	21-04-2017	CE
Overall Feedback	All semesters	--	Analysis shows that the course is largely successful in core engineering knowledge, adequate to analyze, design and solve engineering problems, use and applicability of modern engineering and IT tools, imparts soft skills like communication, team work, social	Every year various Student development activities are conducted to make them industry ready. From the academic year 2015-16, Professional Internships have been made mandatory to imbibe industrial know-how and professional ethics.	--	PPT
2012-13, 2013-14	Semester V-VIII	IPP-I, IPP-II, PPSP, PDL, PT-I, PT-II, PP-I, PP-II	These subjects were found to have repetitive content, with certain subjects not outlining the topics in detail. Certain courses were too long to be covered in one single subject. Design courses were not included	Syllabus revision in 2013-14 and 2014-15 took care of repetitive content in certain courses, added new design subjects, streamlined the course contents.	2013-14 & 2014-15	
2015	All semesters		Alumni have suggested exposing students to latest technologies and training them in Industry desired skills.	Value Added courses introduced since 2015 such as Lean Six Sigma Green Belt, ISO 9001:2008 Internal Quality Auditor Training, 3D Printing, Industrial Training etc.	ADKC industrial training conducted in June 2015 and June 2016. ISO 9001 and Six Sigma training conducted in 2016 and continued. 3D printing training program organised in 2016.	PPT

2015.2016	Semester III	PGAD	Time available for teaching PGAD course is too less, due to which the softwares cannot be taught in depth. Also additional softwares like Adobe Illustrator and Indesign need to be part of the curriculum	These inputs will be taken during the syllabus revision of TE & BE in 2017-18		PPT
2015-16	Semester VI	PDG	Time available for teaching PGAD course is too less, due to which the softwares cannot be taught in depth. It is prudent to split the subject into two to teach Solidworks and Esko softwares separately in depth.	These inputs will be taken during the syllabus revision of TE & BE in 2017-18		
2012-13	SEM III	Presentation and Communication Techniques	These subjects were found to have repetitive content and its a common observation that the revised syllabus only have 10-12% change.			ME
	SEM IV	Thermal Engineering		1. Wind Energy	Two Hours, March 16, 2013	ME
2013-14	SEM V	Mechanical Mesurment and Metrology	These subjects were found to have repetitive content and its a common observation that the revised syllabus only have 10-12% change. Analysis shows that the course is largely successful in core	1. World Class Manufacturing	Two Hours, February 01, 2014	ME
		Fluid Mechanics		2. Micro-Electro-Mechanical Systems	Two Hours, March 01, 2014	ME
		Heat and Mass Transfer				ME
		Graphics User Interface Data base Management				ME
		Environmental Studies				ME

	SEM VI	Hydraulic Machinery	in core engineering knowledge, adequate to analyze, design and solve engineering problems, use and applicability of modern engineering and IT tools, imparts soft skills like communication,			ME	
		E Commerce and Industrial Finance					ME
		I.C Engine					ME
	SEM III	Data Base and Information Retrieval System					ME
	SEM IV	Fluid Mechanics				ME	
2014-15	SEM VII	Refrigeration and Air Conditioning	These subjects were found to have repetitive content and its a common observation that the revised syllabus only have 10-12% change. Analysis shows that the course is largely appreciated by the students in terms of core engineering knowledge, design and solve engineering problems, use and applicability of modern engineering and IT tools.	1. Basics of MATLAB	Two Hours, October 10, 2014	ME	
		Manufacturing Planning and Control				ME	
		Power Plant Engineering (Elective)				ME	
	SEM VIII	Automobile Engineering				ME	
		Finite Element Analysis				ME	
		Industrial Engineering and Enterprise resource planning				ME	
		Non Conventional Energy Source (Elective)				ME	
	SEM V	Mechanical Measurment and Control				ME	
		I.C Engine				ME	
		Heat Transfer				ME	
		Production Process III	ME				
		Business and Communication Ethics	ME				
	SEM VI	Metrology and Quality Engineering	ME				
		Thermal and Fluid Power Engineering	ME				

		Finite Element Analysis				ME
2015-16	SEM VII	Power Plant Engineering (Elective)	Alumni have suggested to give more exposure to the latest technologies used in Industry. These subjects were found to have repetitive content and its a common observation that the revised syllabus only have 10-12% change. Analysis shows that the course is largely successful in core engineering knowledge	1. Design of Experiments for Mechanical Systems 2. Introduction to Advanced Mechanical Systems including hydraulic and pneumatic systems. 3. Mechantronics	Two Hours, October 14, 2015 Two Hours, February 27, 2015 Two Hours, January 28, 2016	ME
		Production Planning and Control				ME
	SEM VIII	Design of Mechanical System				ME
		Industrial Engineering and Management				ME
		Refrigeration and Air Conditioning				ME
		Renewable Energy Source (Elective)				ME
2012-2013	Sem V, Sem VII	Plant tissue culture	Coursecontent re not fully adequate to cover the use and applicability of modern plant tissu culture techniques	Seminar on "Transgenic plants	15/9/2012	BT
	BE, Project	Environment Biotechnology	Course content are not fully adequate to meet the current trends in biotechnology industry	Seminar on "Current Prospective research in Environmental biotechnology	23/4/2012	BT
	Sem V, Sem VII	Enzyme Engineering, Bioseparations & Down stream processing I	Course content are not fully adequate to meet the current trends in biotechnology industry	Seminar on Tailoring enzymes & cells for applications in biotechnology"	26/9/2012	BT
	Sem VI, Sem VIII	Plant tissue culture, Environmental Biotechnology	Coursecontent re not fully adequate to cover the use and applicability of modern plant tissu culture techniques	Debate competition on "Genetically modified crops"	3/4/2013	BT

2013-2014	Sem V	Biochemistry	Coursecontent re not fully adequate to cover the use and applicability of modern biotechnological techniques	Special lecture on "Bioenergetics principle, standard free energy, Hydrolysis of ATP molecule	4/10/2013	BT
	Sem III	Microbiology	Coursecontent re not fully adequate to cover the use and applicability of modern biotechnological techniques	Microbial growth kinetics	11/10/2013	BT
	Sem IV	Fermentation technology	Coursecontent re not fully adequate to cover the use and applicability of modern biotechnological techniques	Special lecture on "Design of batch and Continuous Fermentors"	1/4/2014	BT
	Sem VI	Genetic Engineering	Coursecontent re not fully adequate to cover the use and applicability of modern biotechnological techniques	Special lecture on "Screening of library and heterologous probing"	2/4/2014	BT
2014-2015	Sem VIII , Sem VI	Genetic Engineering	Coursecontent re not fully adequate to cover the use and applicability of modern biotechnological techniques	Guest Lecture on " Engineering Microbes for Biofuels & Biochemicals"	13/03/2015	BT
2015-2016	Sem VII	Project	Coursecontent re not fully adequate to cover the use and applicability of modern biotechnological techniques	Overview of BRIT Activities for Human Welfare	07/09/2015	BT

2016-2017	Sem VII, Sem VI	Project	Course content re not fully adequate to cover the use and applicability of modern biotechnological techniques	MATLAB	01/04/2017	BT
2012-2013 (CBSGS)	I & II	Applied Mathematics	Course content are fully adequate to meet the current trends in industry and program	NIL		H&AS
	I & II	Applied Physics	It is found that Usage of Modern engineering IT tools to analyze design and solve problems is lacking	Students are shown videos for deeper understanding	31/03/2013	H&AS
				Demo experiment conducted on CRO for	20.03/2013	
	I & II	Applied Chemistry	It is found that Usage of Modern engineering IT tools to analyze design and solve problems is lacking,	Demo experiment of bomb calorimeter is performed to have a greater understanding of calorific value.		H&AS
	II	Communication Skills	Course content are fully adequate to meet the current trends in industry and program	NIL		H&AS
2016-2017 (CBCS)	I & II	Applied Mathematics				
	I & II	Applied Physics	It is found that Usage of Modern engineering IT tools to analyze design and solve problems is lacking.	Students are shown videos for deeper understanding		H&AS
				A demo experiment has been done using Ultrasonic distance meter for surface area, volume measurement and thickness of different samples.		H&AS
				Numerical quizzes are conducted using google forms.	20/11/2017	H&AS
				Demo experiment		

				conducted on		H&AS
	I & II	Applied Chemistry		Demo experiment of bomb calorimeter is performed to have a greater understanding of calorific value.		H&AS
	II	Communication Skills	Course content are fully adequate to meet the current	NIL		H&AS