

## Feedback System

Structured feedback received for **Design and Review of syllabus** Semester wise from

1) Students,2) Teachers,3) Alumni,4)Parents,

As our college is a affiliated college therefore we follows the curriculum prescribed by affiliated universities. But to provide the latest knowledge to our students we had identified the curriculum gap by collecting the feedback from our stakeholders in structured feedback form. Under this 5 question were asked to each stakeholder.

1. Overall opinion about content of syllabus
2. Addition of new contents in existing syllabus
3. Deletion of sub portion from existing syllabus
4. Addition of New course in programme
5. Time required for completion of syllabus

The report of analysis of feedback received from different stakeholder is given below.

1. No. of feedback form collected from diff. stakeholders

Stakeholders	No. of feedback forms
Students	65
Teacher	37
Alumani	08
Parents	08

2. Suggestions/Feedback Report

Stakeholders	Branch	Suggestions/Feedback
Students	Mechanical Engineering	Addition of Shape factor topic detail in Heat Transfer subject, Addition of CAD, Robotics, Case study, Basic Aeronautical engg. courses in curriculum.
	Computer Science & Engineering	Addition of Android,.net, VLSI & JAVA programming courses in curriculum.
	Electronics & Telecommunication	Addition of Industrial visits related in curriculum.
	Electrical Engineering (Electronics & Power)	Addition of Matlab microprocessor program, Wavelet designing & Advance systems like PS-CAD,PLC-SCADA programming courses in curriculum.
Faculty	Mechanical Engineering	1.Addition of Digital Instruments topic in course of Measurement System . 2.Addition of Governor of system topic in course of TOM-II. 3.Addition of Latest trends of Boiler topic in course of Energy Conversion-1. Addition of Ergonomics course in curriculum. Permission of Heat Transfer Data Book in exam hall.
	Computer Science & Engineering	Addition of Wireless sensor network & Neural Network, Advance java Hadoop,Artificial Network simulators,C#.NET programming courses in curriculum.
	Electronics & Telecommunication	Addition of Power link budget topic in Satellite Communication subject. Addition of Embedded C, VLSI courses in curriculum.

	Electrical Engineering (Electronics & Power)	Addition of Embedded 'C', Wavelet transform, Control & Monitoring system of gridPLC, SCADA, MATLAB courses in curriculum.
Alumni	Mechanical Engineering	Addition of Robotics, CNC programming, Artificial Intelligent courses in curriculum.

### 3. Action Taken Report

a. As per the feedback/suggestions collected from different stakeholder it is communicated to the Registrar, SGBAU, Amravati university for necessary considerations at the time of revising the syllabus.



b. To fulfill the curriculum gap & to take actions against suggestions/feed backs received from different

stakeholder College has conducted the following programs.

Year	Name of the workshop/ seminar	Date From – To
2013	Two Days Workshop on "ROBOTICS"	09 & 10/02/2013
2013	Workshop on "Media Master 13"	03/08/2013
2013	Guest Lecture on Carrier Awareness	28th Sept. 2013
2013	Three Days Workshop on "ROBOTICS"	30/8 to 1/09/2013
2014	Workshop on "PLC-SCADA & its industrial application "	18/01/2014
2014	Workshop on "Practical approach for digital signal processing"	24/06/2014
2014	Two days Workshop on "Ethical hacking"	27-28/09/2014
2014	Seven Days Workshop on "Advanced Technolgy used in industrial Techniques"	16/8 to 19/8/2014
2015	Two days Workshop on "Aero-modelling"	10 & 11/01/2015
2015	Guest Lecturer on "Electrical Power System"	07/02/2015
2015	Workshop on "PCB designing"	05/02/2015
2015	Workshop on "Introduction To MATLAB & SIMULINK and its aplication"	31 & 01/08/2015
2015	Expert Lecture on "MASTER KEY TO SUCCESS"	01/08/2015
2015	Two days Workshop on "c # and DOTNET"	07-08/08/2015
2015	One day Workshop on "PCB designing"	08/08/2015
2015	One Day workshop on "Practical Approach for Digital Image / Video Processing"	13th July 2015
2015	Expert Lecture on "Shivaji Maharaj as a Manager"	11 <sup>th</sup> September 2015
2015	Expert Lecture on "How to Achieve Success & Advancement in Engineering"	16 <sup>th</sup> September 2015
2016	Two Day Workshop on "Autonomous Robotics"	15th & 16th Jan 2016
2016	One Day workshop on "Electronics Circuit Design"	11th Feb 2016
2016	8 Days Workshop on " Introduction to CAD/CAM/CAE"	15/02 to 22/02/16
2016	Expert Lecture on "Leadership and Decision Making"	23/02/2016
2016	Expert Lecture on "Industrial Working Environment and Requirements"	27 <sup>th</sup> February 2016
2016	Expert Lecture on 'AVISHKAR'	23 Jul 16
2016	Expert Lecture on "Management and Engineering Skills of Shivaji"	29 <sup>th</sup> July 2016
2016	Workshop on topic " Modelling and Simulation of Power System using PSCAD"	30/07 to 31/07/2016
2016	Guest Lecture on topic "Electrical Power Distrbution System"	13/08/2016
2016	Three Day workshop on "Android Application Development"	19-21 August 2016
2016	Seminar on "Personality Development"	28 <sup>th</sup> September 2016
2016	Two days Workshop on topic "Aero-modelling"	25/09/2016
2016	One Day workshop on "CMOS VLSI DESIGN USING MICROWIND AND DSCH"	08 <sup>th</sup> Oct 2016
2017	Workshop on topic " Modelling and Simulation of Power System using PSCAD"	06/01 to 07/01/2017
2017	Two day Workshop on topic "IOT"	12/08 to 13/08/2017
2017	Two days Workshop on topic " HTML/CSS/PHP & MySQL Web Developement"	16/09 to 17/09/2017

c. To update the student with the latest technology faculty use NPTEL lectures ,U-tubes, News bulletins, Journals ,Periodicals,etc.Also they teach additional topics beyond recommended in curriculum.

1. Different technical and cultural activities conducted under different departmental student association every year.

2. Every year the Techno-Fest is conducted at collage level.
3. Industrial visits and Industrial Tour are arranged every year by different departments.

### **FEEDBACK: - For Design and Review of Syllabus**

The report of analysis of feedback received from **Students** Semester wise for design and review of syllabus(SGBAU).

<b>Semister</b>	<b>Program Name</b>	<b>Feedback/Suggestions</b>
3rd Sem & 4 <sup>th</sup> Sem	Mechanical Engineering	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – CNC practical
	Electronics & Telecommunication	Opinion about syllabus – Sufficient
		Addition - Industrial visits related to syllabus
		Delete- NIL
	Electrical Engineering (Electronics & Power)	New course in programme- Group discussion
		Opinion about syllabus – Sufficient
		Addition -Matlab,Increase practical session,ERG- detail syllabus
		Delete- Reduce syllabus of NA, Assignments replace by seminar, Discussion question & remark from practice
	Computer Science & Engineering	New course in programme- 1.English subject
		Opinion about syllabus – Sufficient
		Addition- NIL
		Delete - M3
	5 <sup>th</sup> Sem & 6 <sup>th</sup> Sem	Mechanical Engineering
Opinion about syllabus – Required More		
Addition-CAD,CSA,Designing course,HT-Shape factor in detail		
Delete –BEDC,syllabus of Fluid power		
Electronics & Telecommunication		New course –Robotics,Electromechanical Technolgies,Power plant,Case study,Basic aeronautical engg.
		Opinion about syllabus – Sufficient
		Addition- NIL
Electrical Engineering (Electronics & Power)		Delete – NIL
		New course in programme – NIL
		Opinion about syllabus – Sufficient
		Addition of More microprocessor program
Computer Science & Engineering		Delete- Fourier from Signal & Systems, some pin diagram from MPMC
		New course in programme – NIL
		Opinion about syllabus – Sufficient
		Addition of Extra programming lectures, basic programming & hardware classes
		Delete- NIL
	New course in programme – Android,.net	

7 <sup>th</sup> Sem & 8 <sup>th</sup> Sem	Mechanical Engineering	Opinion about syllabus – Sufficient
		Addition of IMC variation in costing problem, MDD-II- Include more theory
		Delete from syllabus-
		New course in programme – Design course
	Electronics & Telecommunication	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
	Electrical Engineering (Electronics & Power)	New course in programme – NIL
		Opinion about syllabus – Sufficient
		Addition of Wavelet designing, Facts devices in detail, Advance systems, Actual system in industry
		Delete- CMPSA syllabus, Outdated system of syllabus,
	Computer Science & Engineering	New course-Programming courses like MATLAB,PS-CAD,PLC-SCADA
		Opinion about syllabus – Sufficient
		Addition of VLSI
		Delete- NIL

The report of analysis of feedback received from Teachers/**Faculty** Semester wise for design and review of syllabus (SGBAU).

Semister	Program Name	Feedback/Suggestions
3rd Sem	Mechanical Engineering	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course -Technical seminars should be included.
	Electronics & Telecommunication	Opinion about syllabus – Sufficient
		Addition - DSP -addition of Basic knowledge of signals
		Delete – NIL
	Electrical Engineering (Electronics & Power)	New course in programme – NIL
		Opinion about syllabus – Sufficient
		Addition - Practical approach
		Delete – NIL
	Computer Science & Engineering	New course in programme – Illumination & Designing of system
		Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
	4 <sup>th</sup> Sem	Mechanical Engineering
Opinion about syllabus – Sufficient		
Addition- M.P.-II demonstration of CNC Lathe M/c.		

		Delete – NIL	
		New course in programme – NIL	
	Electronics & Telecommunication	Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
		New course in programme – NIL	
	Electrical Engineering (Electronics & Power)	Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
		New course in programme – NIL	
	Computer Science & Engineering	Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
		New course in programme – NIL	
	5 <sup>th</sup> Sem	Mechanical Engineering	Opinion about syllabus – Sufficient
			Compulsory industrial visit in curriculum
In subject M.S addition of .Advance, Digital Instruments & Application in field,			
In subject TOM-II addition of Governor of system			
In subject Heat Transfer addition of Problems on shape factor i.e. Radiation, H.T.Data Book permission in exam hall.			
In subject EC-I addition of Latest trends of Boiler			
In subject P.T.Lab. addition of Problems on control chart,			
Electronics & Telecommunication		Opinion about syllabus – Sufficient	
		In Power Electronics add Communication methods in 1 <sup>st</sup> unit	
		Delete unit no. 6 from CE-II	
		Repetition of units in Analog & EDC-II	
Electrical Engineering (Electronics & Power)		Opinion about syllabus – Sufficient	
		In subject EMI add contents of instrumentation	
		From subject EDC delete amplifier portion	
Computer Science & Engineering		Add new course–1.Embedded ‘C’,2.Wavelet transform	
		Opinion about syllabus – Sufficient	
	Addition- NIL		
	Delete – NIL		
6 <sup>th</sup> Sem	Mechanical Engineering	New course in programme – NIL	
		Opinion about syllabus – Sufficient	
		Addition-Industrial case study should be included.	
		Delete – NIL	
	Electronics & Telecommunication	New course in programme – NIL	
		Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
	Electrical	New course in programme – NIL	
		Opinion about syllabus – Sufficient	
		Addition- NIL	

7 <sup>th</sup> Sem	Engineering (Electronics & Power)	Addition- NIL	
		Delete – NIL	
		New course in programme – NIL	
	Computer Science & Engineering	Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
		New course in programme – NIL	
	7 <sup>th</sup> Sem	Mechanical Engineering	Opinion about syllabus – Sufficient
			Addition- IMC- case study on balance sheet, estimation, Income statements
			Delete – NIL
New course in programme – NIL			
Electronics & Telecommunication		Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete from syllabus repetitive topics Wireless communication	
		Addition of new course in programme–1.Digital system design, 2.Power link budget details in Satellite Communication,3.Embedded C,3.VLSI	
Electrical Engineering (Electronics & Power)		Opinion about syllabus – Sufficient	
		Add Control & Monitoring system of grid	
		CMPSA add Practical approach for different analysis and studies	
		Introduce Latest analysis techniques	
Computer Science & Engineering	Add new courses like PLC,SCADA,MATLAB		
	Opinion about syllabus – Sufficient		
	Add more programming concepts, Wireless sensor network & Neural Network, Include above practical 90%, DC subject contents to be updated.		
	Delete from syllabus Electronic contents		
8 <sup>th</sup> Sem	Mechanical Engineering	New course in programme-Advance java Hadoop,Artificial Neural Network practical, Network simulators,C#.NET programming	
		Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
8 <sup>th</sup> Sem	Mechanical Engineering	New course in programme – Ergonomics	
		Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
8 <sup>th</sup> Sem	Electronics & Telecommunication	New course in programme – NIL	
		Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	
8 <sup>th</sup> Sem	Electrical Engineering (Electronics &	New course in programme – NIL	
		Opinion about syllabus – Sufficient	
		Addition- NIL	
		Delete – NIL	

	Power)	New course in programme – NIL
	Computer Science & Engineering	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL

The report of analysis of feedback received from **Alumni** Semester wise for design and review of syllabus (SGBAU).

Semester	Program Name	Feedback/Suggestions
3rd Sem & 4 <sup>th</sup> Sem	Mechanical Engineering	Opinion about syllabus - Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL
	Electronics & Telecommunication	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL
	Electrical Engineering (Electronics & Power)	Opinion about syllabus - Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL
Computer Science & Engineering	Opinion about syllabus – Sufficient	
	Addition- NIL	
	Delete – NIL	
	New course in programme – NIL	
5 <sup>th</sup> Sem & 6 <sup>th</sup> Sem	Mechanical Engineering	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL
	Electronics & Telecommunication	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL
	Electrical Engineering (Electronics & Power)	Opinion about syllabus - Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL
Computer Science & Engineering	Opinion about syllabus – Sufficient	
	Addition- NIL	
	Delete – NIL	
	New course in programme – NIL	
7 <sup>th</sup> Sem	Mechanical Engineering	Opinion about syllabus - Sufficient



& 8 <sup>th</sup> Sem		Addition- NIL
		Delete – NIL
		New course in programme– Robotics,CNCprogramming,Artificial Intelligent
	Electronics & Telecommunication	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL
	Electrical	Opinion about syllabus - Sufficient
		Addition- Req. practical knowledge
		Delete – NIL
		New course in programme – practical performance outsourcing
	Computer Science & Engineering	Opinion about syllabus – Sufficient
		Addition- NIL
		Delete – NIL
		New course in programme – NIL

The report of analysis of feedback received from **Parents** Semester wise for design and review of syllabus (SGBAU).

Semester	Program Name	Feedback/Suggestions
3rd Sem & 4 <sup>th</sup> Sem	Mechanical Engineering	Addition- NIL
		Opinion about syllabus – Sufficient
		Delete – NIL
		New course in programme – NIL
	Electronics & Telecommunication	Addition- NIL
		Delete – NIL
		Opinion about syllabus – Sufficient
		New course in programme – NIL
	Electrical Engineering (Electronics & Power)	Addition- NIL
		Opinion about syllabus – Sufficient
		Delete – NIL
		New course in programme – NIL
	Computer Science & Engineering	Addition- NIL
		Opinion about syllabus – Sufficient
		Delete – NIL
		New course in programme – NIL
5 <sup>th</sup> Sem & 6 <sup>th</sup> Sem	Mechanical Engineering	Addition- NIL
		Opinion about syllabus -
		Delete – NIL
		New course in programme – NIL
	Electronics & Telecommunication	Addition- NIL

		Opinion about syllabus -
		Delete – NIL
		New course in programme – NIL
	Electrical Engineering (Electronics & Power)	Addition- NIL
		Opinion about syllabus -
		Delete – NIL
	Computer Science & Engineering	New course in programme – NIL
		Addition- NIL
		Opinion about syllabus -
7 <sup>th</sup> Sem & 8 <sup>th</sup> Sem	Mechanical Engineering	Delete – NIL
		New course–NIL
		Addition- NIL
	Electronics & Telecommunication	Opinion about syllabus -
		Delete – NIL
		New course in programme – NIL
	Electrical Engineering (Electronics & Power)	Addition- Req. practical knowledge
		Opinion about syllabus -
		Delete – NIL
Computer Science & Engineering	New course in programme – practical performance outsourcing	
	Addition- NIL	
	Opinion about syllabus -	
		Delete – NIL
		New course in programme – NIL

The report of analysis of feedback received from **Students** Semester wise for design and review of syllabus(**BATU**).

Semester	Program Name	Feedback/Suggestions
1 <sup>st</sup> Sem	Mechanical Engineering	Addition- more jobs in workshop
		Opinion about syllabus -
		Delete – Isometric projection
1 <sup>st</sup> Sem	Electronics & Telecommunication	New course in programme – Technical subject
		Addition- NIL
		Opinion about syllabus - Sufficient
1 <sup>st</sup> Sem	Electrical Engineering (Electronics & Power)	Delete - NIL
		New course in programme – NIL
		Addition- Isometric projection
		Opinion about syllabus -

		Delete - NIL
		New course in programme – NIL
1 <sup>st</sup> Sem	Computer Science & Engineering	Addition- NIL
		Opinion about syllabus - Sufficient
		Delete - NIL
		New course in programme – NIL

The report of analysis of feedback received from Teachers/**Faculty** Semester wise for design and review of syllabus (**BATU**).

Semester	Program Name	Feedback/Suggestions
1 <sup>st</sup> Sem	Mechanical Engineering	Addition- Isometric projection & section of solids
		Delete – Introduction to CAD
		Opinion about syllabus -
		New course in programme – NIL
1 <sup>st</sup> Sem	Communication skill	Addition- Research paper
		Opinion about syllabus - Sufficient
		Delete – Phonetics
		New course in programme – NIL
1 <sup>st</sup> Sem	Applied Science	Addition- NIL
		Opinion about syllabus -
		Delete –EEE-Biogas Biomass,fuel cell,Watershed mgt
		New course in programme – NIL

The report of analysis of feedback received from **Parents** Semester wise for design and review of syllabus (**BATU**).

Semester	Program Name	Feedback/Suggestions
1 <sup>st</sup> Sem	Mechanical Engineering	Addition- NIL
		Opinion about syllabus - Sufficient
		Delete - NIL
		New course in programme – NIL
1 <sup>st</sup> Sem	Electronics & Telecommunication	Addition- NIL
		Opinion about syllabus - Sufficient
		Delete - NIL
		New course in programme – NIL
1 <sup>st</sup> Sem	Electrical Engineering (Electronics & Power)	Addition- NIL
		Opinion about syllabus - Sufficient
		Delete - NIL
		New course in programme – NIL
1 <sup>st</sup> Sem	Computer Science & Engineering	Addition- NIL
		Opinion about syllabus - Sufficient
		Delete - NIL
		New course in programme – NIL