

**ACTION TAKEN REPORT ON STAKEHOLDERS FEEDBACK**

**ACTION TAKEN REPORT ON STAKEHOLDERS FEEDBACK  
ACADEMIC YEAR - 2012-13**

| S.No               | Recommendations   | Action taken  | Department |
|--------------------|---|---|------------|
| <b>1. Students</b> |   |   |            |
| 1                  | No subject is covering the basics knowledge of dynamics required to understand turbines mechanism in hydro power plant and construction structures with controlled atmosphere | Considered and recommended to include Fluid Mechanics course at first/second year Level.  | CE         |
| 2                  | Syllabus is lengthy. Pl frame with topics only. Syllabus should be related to applications.   | Syllabus is revised and only important concepts are included  |            |
| 3                  | Department should offer professional elective subjects covering wide range of civil engineering domains to cater the present needs of the industry.                           | Professional Electives relevant to the industry needs are identified and introduced   |            |
| 4                  | Number of courses can be reduced in view of heavy syllabus.   | Considered and the total of 6 hrs workload is reduced for the students.   | ECE        |
| 5                  | Advanced topics can be included in the syllabus.  | A course on DSP processors and architecture is included in the core courses. Advance professional electives such as: Cellular communications, microwave and millertric wave circuits, radiating systems, analog VLSI design, mixed signal circuits and systems, array signal processing, and digital image processing are made available for the student in the curriculam. |            |
| 6                  | Training is needed on the current technologies.   | A compulsory certification course is included in the curriculum to train students on the current trends.  |            |
|                    |   | PCB Design Course with Syllabus focusing on PCB Design, Fabrication, Assembly & Testing is incorporated in 2013-17 batch curriculum   |            |

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| 7    | Curriculum needs to focus on fundamentals. | Signal Processing Course with Syllabus focusing on Principles, Algorithms and Applications is incorporated in 2013-17 batch curriculum  | ECM        |
|      |  | Analog Electronic Circuits Course with Syllabus focusing on Micro-electronic circuits Design ,Theory and applications is incorporated in 2013-17 batch curriculum             |            |
|      |  | Micro-Processors & Micro-Controllers Course with Syllabus focusing on 8051 & ARM Micro controllers and Basics of Embedded systems is incorporated in 2013-17 batch curriculum |            |
|      |  | Design with PLD & FPGAs Course with Syllabus focusing on New generation Architectures of PLDs and FPGAs is incorporated in 2013-17 batch curriculum                           |            |
|      |  | Information Theory& Coding Course with Syllabus focusing on Elements Of Information Theoryand error correcting codes is added to 2013-17 batch curriculum                     |            |
|      |  | Modern digital signal processing Course with Syllabus focusing on advaced methods of signal processing is added to 2013-17 batch curriculum                                   |            |
|      |  | Speech processing Course with Syllabus focusing on basics of processing and perception of speech signals is added to 2013-17 batch curriculum                                 |            |
|      |  | DSP Processors and Architecture Course with Syllabus focusing on modern processors and their architecture detials is designed for 2013-17 batch curriculum                    |            |

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|      |                 | Digital image processing Course with Syllabus focusing on principles ,algorithms and applications of image processing is designed for 2013-17 batch curriculum |            |
|      |                 | Satellite Communication course Syllabus focusing on fundamentals of satellite communication is designed for 2013-17 batch curriculum                           |            |
|      |                 | ASIC Design course Syllabus focusing on fundamentals of Application - Specific Integrated Circuits is designed for 2013-17 batch curriculum                    |            |
|      |                 | Design of Electronic Systems Course with Syllabus focusing on fundamentals of Micro-electronic circuits Design is incorporated in 2013-17 batch curriculum     |            |
|      |                 | Basics of Digital Systems Course with Syllabus focusing on fundamentals of digital system is added to 2013-17 batch curriculum                                 |            |
|      |                 | Optical Communication course Syllabus focusing on fundamentals of Optics is designed for 2013-17 batch curriculum  |            |
|      |                 | Computer Organization Course with Syllabus focusing on computer systems architecture is incorporated in 2013-17 batch curriculum                               |            |
|      |                 | Basics of Analog Electronics course for other branches as open elective is designed with syllabus focusing on fundamentals related to Analog Electronics       |            |

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|                   |  | Basics of Electronic Devices course for other branches as open elective is designed with syllabus focusing on fundamentals related to Electronic Devices |                   |
| 8                 | To introduce a course on Quantitative aptitude & Reasoning.                    | Considered and incorporated.   | ME                |
| 9                 | Request to add some more topics related to Metallurgy.                         | BoS decided to introduce a full course on Metallurgy   |                   |
| 10                | To introduce Finite Element Analysis as a compulsory Course.                   | BoS Approved Finite Element Method as a Core Course with Lab   |                   |
|                   | Subjects are more. They can be combined and number of subjects can be reduced. | Considered and incorporated.   | BHM               |
| 11                | Syllabus of Principles of accounting to be changed.                            | Considered and incorporated.   | B.Com             |
| 12                | Number of Topics can be reduced in view of heavy syllabus.                     | Considered and incorporated.   | Chemistry         |
|                   | Advanced topics can be included in the syllabus.                               | Considered and incorporated.   |                   |
| 13                | Lab Training is needed on the current technologies.                            | Considered and incorporated.   |                   |
| 14                | Number of Topics can be reduced in view of heavy syllabus                      | Considered and incorporated.   | Physics           |
|                   | Advanced topics related to applications can be included in the syllabus        | Considered and incorporated.   |                   |
| 15                | Lab Training is needed on the current technologies.                            | Considered and incorporated.   |                   |
| 16                | Please introduce JAVA course instead of OOPS through C++                       | Introduced OOP through Java for 2013 Batch   | CSE               |
| <b>2. Parents</b> |  |  |                   |

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| 1           | Software industry is the sector where mass recruitment opportunities are exiting. It will be appropriate if a course related to networking is introduced at graduation level  | It is recommended to introduce Network Theory, Computer Programming and Object Oriented Programming at 1st & 2nd Year Level.  | CE                |
| 2           | With the introduction of various domains of professional core electives in civil engineering, a gap in mathematical skill is observed for understanding various modelling, analysis and design topics. A mathematical course which bridges this gap is required to be introduced. | It is recommended to reorganize the syllabus of existing mathematical courses and introduce Foundations of Computational Mathematics, Linear Algebra and Multivariate Calculus and Differential Equations |                   |
| 3           | A course which can impart knowledge related to Verbal ability   | It is recommended to include a course that covers verbal and reasoning  |                   |
| 4           | Please introduce java course instead of oops through C++(Parents feed back) Mrs.SV Padmavathi   | Introduced OOP through Java from 2013 Batch Sem 2   | CSE               |
| 5           | Provide more time for extra-curricular activities.  | Considered and provided time of 6 hrs a week for extracurricular activities.  | ECE               |
| 6           | More practical exposure is required.  | Considered  |                   |
| 7           | Technical courses suitable for jobs can be include in the syllabus  | Considered and by means of certification courses which is included in the curriculum to train students on the current trends.   |                   |
| 8           | It is suggested to revise the syllabus of the course Financial and Management Accounting.   | Considered and syllabus is updated as per the needs.  | MBA               |
| 9           | Industrial training is required for students.   | Considered and also training can be given on the current technologies on identified courses   | BHM               |
| 10          | Syllabus of Advanced financial accounting is not upto date.   | Considered and syllabus is updated as per the needs.  | B.Com             |
| 11          | Provide more time for extra-curricular activities.  | Considered and incorporated.  | Chemistry         |
| 12          | More practical exposure is required.  | Considered and incorporated.  |                   |

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| 13               | Topics suitable for specific core courses can be include in the syllabus   | Considered and incorporated.   | Chemistry         |
| 14               | Provide more time for extra-curricular activities.   | Considered and incorporated.   | Physics           |
| 15               | More practical exposure is required.   | Considered and incorporated.   |                   |
| 16               | Topics suitable for specific core courses can be included in the syllabus  | Considered and incorporated.   |                   |
| <b>3. Alumni</b> |  |  |                   |
| 1                | English is mandatory to communicate with others in the society, industry and other working environment. It is required to refine the existing syllabus to meet the requirement for present generation of students  | It is recommended to incorporate Rudiments of Communication Skills, Interpersonal communication skills and other courses which are relavant to present needs | CE                |
| 2                | Syllabus should be framed as per International standards.  | It is decided to change the syllabus in line with the foreign reputed instituions and competative examinations such as GATE and IES                          |                   |
| 3                | With the presentation of different spaces of expert center electives in structural building, a hole in numerical expertise is observed for understanding different demonstration, examination and outline points. A numerical course which connects this hole is required to be presented. | It is decided to introduce courses such as structural dynamics, finite element analysis and fracture mechanics in structural engineering stream              |                   |
| 4                | Application of the principles being taught in the class are very important from the industry perspective (P. Deepika, Segate company 2006 to 2010 Batch( Alumni))  | Considered and syllabus and teaching pedagogy is updated.  | CSE               |
| 5                | Digital signal processing is very important from the industrial perspective and can be included in the curriculum.   | Considered and incorporated in the course signal processing (13ES205). Topics of FFT's , IIR filters and Digital filter design are included in the syllabus. | ECF               |

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| 6                 | Advanced topics regarding analog filters can be included in circuit design.   | Considered and incorporated.  | ECE               |
| 7                 | Noise related topics may be removed from Probability Th   | Considered and incorporated.  |                   |
| 8                 | To Add Embedded Networking as one of the Course in Embedded Systems stream  | Embedded Networking course with topics focusing on embedded networking protocols and embedded ethernet is added to 2013-17 batch curriculum   | ECM               |
| 9                 | Advance subjects can be included like bartending into the syllabus.   | Considered and incorporated.  | BHM               |
| 10                | Syllabus of financial management may be be changed  | Considered and syllabus is updated as per the needs.  | B.Com             |
| 11                | Application of chemical principles is very important from the industrial perspective and can be included in the curriculum.                     | Considered and incorporated.  | Chemistry         |
| 12                | Advanced topics can be included in the courses.   | Considered and incorporated. Advanced topics like batteries and conducting polymers can be included in course. Computation and Electronic circuit board corrosion related topics may be Included. Ceramic Materials, Composite Materials can be dealt separately in Engineering Materials by Chemistry Faculty. |                   |
| 13                | Application of the principles being taught in the class are very important from the industry perspective and can be include in the curriculum.  | Considered and syllabus is updated which includes applications.   | Physics           |
| 14                | Advanced topics regarding LASERS, SUPER-CONDUCTORS can be included in course.   | Considered and incorporated.  |                   |
| <b>4. Faculty</b> |   |   |                   |
| 1                 | Present generation students are lagging concern about the society and people, a course which covers to think on these lines is to be introduced | It is recommended to inroduce a course that covers Human Values at 1st year level   |                   |

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| 2           | Present generation students are lagging the knowledge re   | It is recommended to introduce a course that covers fuels and their importance and impact on the environment at 1st year level | CE                |
| 3           | Programming industry is where mass enlistment openings are leaving. It will be fitting if a course is identified with systems administration presented at graduation level | It is recommended to introduce a course which gives a basic knowledge of computer programming                                  |                   |
| 4           | Topics on the antenna design and wave propagations can be included in the syllabus.  | Considered and incorporated.   | ECE               |
| 5           | Advanced topics in wireless communication and signal processing can be included in the syllabus.   | Professional courses of Analog VLSI design and Mixed signal circuits and systems are included in the curriculum.               |                   |
| 6           | A course on microwave engineering can be added by virtue of student placements in core companies.  | Courses of microwave and millertric wave circuits and radiating systems are included in the curriculum.                        |                   |
| 7           | To change the Course Real Time Systems to Real Time Operating Systems in Embedded Systems Stream.  | Title of Real Time Systems Course is changed to Real Time Operating Systems  | ECM               |
| 8           | To introduce Welding Technology course as an elective  | Approved in BoS to implement as elective from current semester   | ME                |
| 9           | To modify the syllabus of Robotics   | Considered and syllabus is updated as per the needs.   |                   |
| 10          | To modify the syllabus of Strength of Materials  | Considered and syllabus is updated as per the needs.   |                   |
| 11          | Change in the syllabus of the few courses required.  | Considered and revised the syllabus for few courses.   | BHM               |
| 12          | Syllabus of cost accounting to be changed  | Approved   | B.Com             |
| 13          | Topics on the alloys & alloy properties can be included in the syllabus.   | Approved   |                   |



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| 14                       | Advanced topics in water technology, electro chemistry can be included in the syllabus.  | Considered and incorporated.   | Chemistry         |
| 15                       | Apart from classical methods, instrumental methods can be introduced in the lab.   | Considered and incorporated.   |                   |
| 16                       | Topics on Energy can be included keeping current energy crisis scenario in mind.   | Considered and incorporated.   | Physics           |
| 17                       | Advanced topics related to Optical Fiber Communication can be included   | Considered and incorporated.   |                   |
| 18                       | Apart from classical methods, instrumental methods can be introduced in the lab.   | Considered and incorporated.   |                   |
| <b>5. Academic Peers</b> |  |  |                   |
| 1                        | A shelter which is comfortable for residence and office will certainly keep public healthy and enhance the productivity of human beings. A course which can impart understanding of materials, design and construction of such green building structures is essential for present civil engineering students | It is decided to introduce green building course   | CE                |
| 2                        | Research carried out in the industry and academics has resulted invention of innovative and sustainable materials in the past two decades. It is necessary to impart basic knowledge of such various innovative materials.   | It is recommended to introduce the course which covers various conventional materials and advanced materials |                   |
| 3                        | Course syllabus to be revised in order to cover the various competitive examinations syllabus of state and central government such as APPSC, GATE, IES etc.,   | Where it is required as per recommendations syllabus has been revised  |                   |
| 4                        | Analytics have lot of scope in future. So I suggest to introduce courses like Business Intelligence, Bigdata   | Considered and Big Data Analytice , Green computing courses are introduced in the curriculum.                |                   |

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| 5    | Outcomes need to be specified for every program.(Dr.Satyaprasad Professor of CSE, Acharya Nagarjuna University._   | Po's and PEO's are introduce in Y13 Batch according to Washington Accord or ABET and introduce LTC/Active learning as per Outcome based education. Considered and Exclude three Mini projects from Y12 Batch and included Capstone Design Project to every core course(15 courses) as part of Project based lab in order to enhance practical knowledge in core courses. | CSE        |
| 6    | Cryptography and Network Security should be renamed as Information Assurance security according to ACM   | Considered and Renamed Computer Networks and Security course as Information Assurance and Security   |            |
| 7    | Neural Networks and fuzzy logic should be renamed as D.Rajyalaxmi Professor of CSE & Vice principal,   | Considered and Neural Networks and fuzzy logic was renamed as Soft computing and Incorporated Pattern  |            |
| 8    | Engineering Mathematics and Advanced Engineering Mathematics should be renamed as Linear algebra and Multivariate Calculus, Differential Equations Respectively, as the course name should be specific.(P.S.Avadhani, Prof. & Vice principal, AU. ), | Considered and Renamed the course mathematical methods to Mathematical methods for computation in order to standardize the title.  |            |
| 9    | Engineering Mathematics and Advanced Engineering Mathematics should be renamed as Linear algebra and Multivariate Calculus, Differential Equations Respectively, as the course name should be specific.(P.S.Avadhani, Prof. & Vice principal, AU. ), | Considered and Engineering Mathematics and Advanced Engineering Mathematics was renamed as Linear algebra and Multivariate Calculus, Differential Equations Respectively   |            |
| 10   | D.Rajyalaxmi Professor of CSE & Vice principal, University college of Engg. JNTUK..  | Increase open electives from two to three to gain more fundamental Knowledge in other department (or) general areas.   |            |
|      | A.S.N.Chelvarthy, Professor, Dept. of CSE, JNTUK   | Introduce Thermodynamics and Network Theory in   |            |

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| 11   | A.S.N.Chakravarty Professor, Dept. of CSE, JNTUK. Introduce new course on Simulation and Modeling as per the ACM Curriculum guidelines.  | Introduce Thermodynamics and Network Theory in Engineering Sciences (AICTE model Curriculum Recommendation).   |            |
| 12   | As the Core subject Electronic devices and circuits covers the topics on devices and their analysis, it is suggested to concentrate on Electronics design which contains Classification of Electronic Systems, Specifications of Electronic Systems, Design of Electronic Systems, Design of Electronic Circuits.<br><br>In view of practical technology in wireless communications, it is suggested to maintain TDMA, FDMA, Spread Spectrum Techniques in the syllabus. | Introduced new course Simulation and Modeling.   |            |
| 13   | Some of the old Sequential Logic models in Basics of digital systems are to be replaced with advanced sequential logic design topics.  | Taken for consideration and core course 13EC205 Analog electronic circuit, with syllabus having topics, feedback circuits, power amplifiers, oscillators, and applications of linear IC's. |            |
| 14   |  | Considered and a new professional course Cellular communications is introduced in the curriculum.  |            |
| 15   | To avoid concentrating only on random signals, Probability Theory and Random Processes Subject title needs to be changed to Discrete Mathematics to cover mathematical analysis of deterministic signals.  |  |            |

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| 15          | It seems that the mathematical models of physical systems, Time domain analysis and State space analysis in Control systems subject covers most part of the syllabus by giving limited back ground, these topics shall be excluded. | Considered and incorporated.   | ECE               |
| 16          | Unit-2 of Wireless and Mobile Communications subject shall be changed to Equalization and Diversity to highlight the need of equalization and diversity by maintaining the same content.  | Considered and incorporated.   |                   |
| 18          | In view of practical technical in wireless communications, it is suggested not to maintain TDMA, FDMA, and Spread Spectrum Techniques in the syllabus.  | Considered and incorporated.   |                   |
|             | Courses and syllabus for the Web Technologies Stream to be reviewed.  |  |                   |
| 19          | To introduce a Course on Machine Drawing  | Considered and incorporated.   | ECM               |
| 20          | To introduce some Courses related to Employability  | Web Technologies Stream with 5 Professional Elective courses focusing on advanced java, dotnet is designed and added to 2013-17 batch curriculum |                   |
| 21          | It is suggested by Academic Peers to revise the curriculum of select courses like Human Resource Management & MIS of BBA-MBA Integrated Program.  | Considered and incorporated.   |                   |

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| 22          | It is recommended to change the Course Structure of Soft skills-II (code 12BB 31K1) to increase emphasis on practical sessions by changing the structure L-2 T- 0 P-4 total 4 contact hours to be equalized | BoS approved two courses on Employability Skills as an Audit Courses. | ME                |
| 23          | It is suggested to shift from 40-60 pattern to 30-70 pattern with regard to MRP Evaluation  | Considered and incorporated.  | BBA               |
| 24          | Modifications in Open Management Elective Courses for Under-Graduate Programs are suggested   | Considered and incorporated.  |                   |
| 25          | It is suggested to revise the curriculum of select courses like Performance Management Systems, Compensation Management & Business Legislation.   | Considered and incorporated.  |                   |
| 26          | It is suggested to shift from 40-60 pattern to 30-70 pattern with regard to MRP Evaluation  | Considered and incorporated.  |                   |
| 27          | Modifications in Open Management Elective Courses for Under-Graduate Programs were suggested  | Considered and incorporated.  | MBA               |
| 28          | In core subjects the training can be given in-house.  | Considered and incorporated.  |                   |
| 29          | Syllabus of banking law and practice to be added by contemporary topics   | Considered and incorporated.  |                   |
| 30          | Syllabus is on par with the standards prescribed by accreditation bodies.   | Considered and incorporated.  | BHM               |
| 31          | Quality of question papers are conceptual and application oriented.   | Recent trends in banking practice incorporated in curriculum          | B.Com             |

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| 32                 | Measures must be taken to uplift slow learners inspite of decreasing the standards of the question paper.                                  | Considered and incorporated.   | Chemistry         |
| 33                 |  | Considered and incorporated.   |                   |
| 34                 | Computer oriented lab projects must be included in the curriculum.   | Considered and incorporated.   |                   |
|                    | Syllabus is on par with the standards prescribed by accreditation bodies.  | Considered and incorporated.   |                   |
| 35                 | Quality of question papers are conceptual and application oriented.  | Considered and incorporated.   |                   |
| 36                 | Measures must be taken to uplift slow learners   | Considered and incorporated.   | Physics           |
| 37                 | Computational methods can be introduced to draw graphs etc in labs   | Considered and incorporated.   |                   |
| 38                 | Lab based projects on the topics taught in class will benefit the students in learning the concepts well                                   | Considered and incorporated.   |                   |
| 39                 | Computational methods can be intriducted to draw graphs etc in labs  | Considered and incorporated.   |                   |
| 40                 | Lab based projects on the topics taught in class will benefit the students in learning the concepts well                                   | Considered and incorporated.   |                   |
| <b>6. Industry</b> |  |  |                   |
| 1                  | A student admitted in to engineering graduation should have a basic understanding of various engineering concepts at the first year level. | Considered and incorporated a course which gives basic engineering concepts        |                   |
| 2                  | Job oriented Syllabus should be framed.  | Courses those are essential for present market needs are identified and introduced |                   |

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| 3           | Syllabus needs to be revised in order to focus on areas of thrust or skills that market/construction industry is looking for. In this process topics having less importance need to be deleted and topics having more importance/relevance need to be added in order to cover the course with in the time frame. | Syllabus of core courses and professional elective courses is vetted and revised in line with the present market needs | CE                |
| 4           | Mr. Munireddy from IBM suggested to give more emphasis for Multicore technologies, he also stated to start courses in High performance computing   | Included Distributer computing as core course and Introduced a new stream Parallel and Distributed Computing.          | CSE               |
| 5           | Mr. H. Anil from Capgemini told that there are many opportunities in Animation technologies like Maya and suggested to start an elective stream in that area   | Introduced a new course Graphics and Visualization as Core Course  |                   |
| 6           | Mr. P Rama Prasad from ComTech technologies informed to make Artificial Intelligence course as a core course rather than open elective   | Changed Artificial Intelligence from professional Course to Core course  |                   |
| 7           | Mr. S Siva Prasad from Factset, Hyderabad informed the importance of Computer vision in IT industry and  | Introduced a new course Human Computer Interaction   |                   |
| 8           | Mr Pramod from Infosys informed the importance of Fundamentals of Information technology to all the Engineering students, He strongly recommended to start a course to non IT students for which the syllabi and material will be provided by Infosys  | Introduced Fundamentals of IT Course as Open Elective  |                   |

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| 9           | Mr. P Praveen from Wipro technologies told about the usage of Java in the IT industry. He recommended to change the language of OOPs course from C++ to Java  | Object oriented programming Course is Taught using C++ earlier and now it was changed as OOP through Java. |                   |
| 10          | In the last part of the microcontrollers subject it is required to add ARM Processor topics like architecture, registers, pipe line, Interrupts, architecture revisions, to be familiar with the first industry based microcontroller.  | Considered and incorporated.   |                   |
| 11          | To catch hold of digital signal processing developments in the industry, it is very essential to introduce subject on digital signal processors with name DSP Processors and Architecture in the third or fourth year of graduation.  | Considered and included as a core course for final year students.  |                   |
| 12          | The design of basic types of amplifiers and their frequency Response can be extended to cascaded Amplifiers, by introducing Miller's Theory in the middle of Design of electronic systems subject to meet the design needs of today's industry.   | Considered and incorporated.   |                   |
| 13          | Instead of introducing separate module on Amplifiers and design, it's preferred to introduce Multistage Amplifiers, the Darlington Pair Transistor, DC Level Shifting and Amplifier, Frequency Model and Response of Bipolar Junction Transistors. Rectifiers & Filters and Small Signal Response of Amplifiers units in Analog Circuit Analysis needs to be removed in view of heavy syllabus. | Considered and incorporated.   | ECE               |



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|             | One unit on 8051 Microcontroller programming and interfacing is very much insufficient in the syllabus of Microprocessors and micro-controllers subject in view of graduation level hardware projects using Microcontrollers. |   |                   |
| 14          | The fourth and the fifth chapters of Microprocessors and micro-controllers shall be added with Matrix Key Board, Stepper Motor, LCD's, DAC & ADC interfacings   | Considered and incorporated.            |                   |
| 15          | Robotics and Mechatronics courses are required for the students.  | Considered and incorporated.            |                   |
| 16          | Send students to Industries regularly to gain practical knowledge.  | Considered and incorporated.            |                   |
| 17          | It is recommended to revise the syllabus of Professional Ethics and Values with the inclusion of women related issues, Work place ethics and Green Practices  | Considered for implementation           | ME                |
| 18          | It is recommended to revise the syllabus of Professional Ethics and Values with the inclusion of women related issues, Work place ethics and Green Practices  | Considered and incorporated.            | BBA               |
| 19          | Curriculum in the courses has to be framed in the way that are useful to the industry.  | Considered and incorporated.            | MBA               |
| 20          | Syllabus of direct Taxes - 1 to be changed  | Changes made accordingly in curriculum. | BHM               |
| 21          | In today's medical diagnosis techniques such as resonant imaging, require chemistry knowledge.  | Amendments Incorporated in curriculum   | B.Com             |

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| 22          | The characterization by image processing and analysis is done by correlating the time evolution of parameters extracted by image analysis of floc and filaments with the physico-chemical parameters hence DO,COD,volumetric analysis may be introduced into chemistry lab. | Considered and incorporated. | Chemistry         |
| 23          | Logic and analytical skills can also be developed through chemistry course which helps software engineers to  | Considered and incorporated. |                   |
| 24          | Topics related to LASERS, OPTICAL FIBERS are very important in the Industrial perspective so lab experiments and lab based projects may be introduced regarding them.   | Considered and incorporated. |                   |
| 25          | Short term industrial visits to get first hand experience may be planned.   | Considered and incorporated. | Physics           |
| 26          | Short term industrial visits to get first hand experience may be planned.   | Partially Considered         |                   |