

R.V.R & J.C. COLLEGE OF ENGINEERING (Autonomous)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Action Taken Report for B.Tech (R18) Curriculum

S.No	Recommendations	Action Taken
Faculty	Need to incorporate latest developments in Industry Recommended Subjects	The latest courses like Neural Networks and Artificial Intelligence lab were included in the Curriculum.
	Suggested Students to participate in skill development programs to sustain in Industry	Students were encouraged to register for Certification courses.
Students	Students requested to encourage them to participate in events conducted by premier Institutes.	Encouragement is given to the students to participate in more events by paying one way fare.
	Need more training on Problem Solving techniques	Technical Training and CRT classes are being conducted to improve their skills.
Parents	English Speaking skills need to be improved	Communication and Soft Skills related courses are introduced in the Curriculum
	Problem Solving Skills are required.	Co-Curricular activities in Tech Club and ACM events are conducted for all Students on regular basis.
Alumni	Need more focus on Industrial training	Industry-Internship is included in the Curriculum
	Need to add concepts related to current industry requirements.	Current Industry required subjects are added as per AICTE Model Curriculum.



(Dr. M.Sreelatha)
Prof. & Head

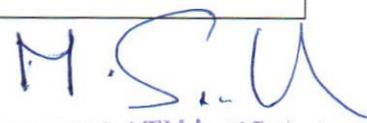
Dr. M. SREE LATHA, M.Tech, Ph.D
Prof. & Head
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R.V.R & J.C. COLLEGE OF ENGINEERING (Autonomous)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Action Taken Report for B.Tech-(R16) Curriculum

S.No	Recommendations	Action Taken
Faculty	Introduce Web Resources for Knowledge Enhancement.	It is made mandatory for all Faculties to upload the course material in MOODLE.
	Courses like Data Structures, Design and Analysis of Algorithms and Automata Theory are important for students to attempt competitive exams.	Students are encouraged to enrol for online courses on Programming subjects in IITBombayx and NPTEL.
	Students should be trained in Spoken English and Communicational Skills.	Students were apprised on the need of improving English knowledge and also several add-on programmes were conducted.
Students	Feedback received from students that they want more Practical Experience beyond Curriculum.	Training sessions and Workshops were conducted in collaboration with APSSDC, and IITBombayx.
	Certification courses may be encouraged.	Certification courses are made compulsory from R16 regulations.
Parents	Practical Approach for technological developments must be included in curriculum	Practical training programmes are conducted by the CSE Department through APSSDC, IITBombayx
	Need to update student's skills with latest Technologies and Developments.	More Elective courses related to new technologies were included in curriculum.
Alumni	Current state of Knowledge in Computers to be imparted.	Students are permitted to undergo Industry-internships during 8 th Semester
	It would be nice if interdisciplinary courses are added to the existing courses	Open Elective courses are included to the curriculum which develops knowledge in Other Engineering Streams.
Employers	Improve Internships/Projects	Students are motivated to undertake real-time projects in reputed Organizations like TCS and Hyundai Mobis.
	Needs expertise in Current trends in Machine Learning, Big data Analytics and IOT	The courses are included in the curriculum.
Industry	New Subjects and Technologies are to be included.	Advanced Subjects like Cloud Computing, Big data, Cyber Security were included in R16 Curriculum.


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R.V.R & J.C. COLLEGE OF ENGINEERING (Autonomous)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Action Taken Report for M.Tech (R17) Curriculum

S.No	Recommendations	Action Taken
Faculty	Need to incorporate latest topics and developments in recommended Subjects	The latest courses like Machine learning, Internet of Things, Internet Technologies & Web Services are included in the new Curriculum.
	Suggested to include more practical-oriented Subjects	Learning By Doing (LBD) - Elective based Courses are included in the New curriculum.
Students	Students have requested for advanced concepts in the Syllabi.	New courses like Mobile Application Development and Agile Methodologies are included.
	Need more practical exposure on Problem Solving techniques	Additional Lab sessions and LBD courses were included to improve their practical knowledge.
Parents	Practical Approach on the latest technologies in industry is needed.	Training programmes on latest technologies are conducted.



(Dr. M.Sreelatha)

Prof. & Head

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Department of Civil Engineering

Curriculum improvement:

Dept. of Civil Engineering, RVR&JC College of Engineering as a part of curriculum development has several surveys conducted to improve the quality of program from its stake holders –

- (a) Department faculty
- (b) Alumni/employers
- (c) Course end survey
- (d) Parent feedback
- (e) Student feedback

(A)Department faculty:

Feedback on the course taught by each faculty member is considered. The observation, suggestions, improvements are collected before the BOS meeting and put for discussion.

(B)Alumni/Employer:

Feedback on course is collected from the alumni at alumni meetings. Inputs are considered from the employers regarding the course relevance, course coverage on advanced topics and employer expectations from the grads of this institution. Suggestions are referred to the BOS for consideration.

(C)Course exit survey:

This survey is conducted at the end of the course from all the students graduating from the department. The CO, PO attainment and satisfaction etc are collected for further improvement.

(D)Parent feedback:

This survey is conducted to assess the design of curriculum and its competency in industrial requirements satisfaction, co-curricular and extracurricular activities, curriculum flexibility, entrepreneurial capabilities of their wards etc and the inputs are considered for development.

All the above information is put before the BOS for further deliberations. The details of BOS are being presented in the minutes of BOS meetings. (Sample: The BOS held on 04.01.2020)

M. Rama Rao.

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Action taken based on the analysis of stake holders- students, alumni, employers and faculty on curriculum for the academic year 2020-21(UG)

Recommendations from the faculty::

AGENDA-2: To review the curriculum of R-18 Regulations for UG and R-17 Regulations for PG programmes related to Civil Engineering.

The syllabus pattern of third year & fourth year courses were reviewed and the following minor modifications were suggested in third year V semester.

- CE315 Eulers buckling theory may be deleted as it is studied in solid mechanics
- CE311 Course objectives to be re written. Topic on influence lines for continuous members – mullers- Breslali's principle to be deleted
- CE 316 Long term defelctions, cracking are to deleted. Short term deflections to be included.
- CE312 Text Book- by Bija M Das to be added, Reference book by BND Narasinga Rao and Shashio, K Gulhati and Manoj Datta to be considered

Student Survey recommendations::

AGENDA-3: To discuss about the value added courses / skill development course(s) to be offered during the next academic year (2020-21).

Discussed in detail and approved the value added courses as per the proposed scheme.

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ACTION TAKEN REPORT ON STAKE HOLDER'S FEED BACK

Institution collects stake holder's feedback for UG programs. Feedbacks from Students, Faculty, Parents, Alumni and Employer are considered for continuous improvements in curriculum and other academic aspects. The ultimate goal of stakeholder's feedback is to get useful insights for the purpose of improvement in all aspects of teaching, learning, assessment and infrastructure facilities. Inputs collected from all the stake holders are analyzed and put forth in Board of Studies (BoS) for approval. After getting approval in BoS, the curriculum with the incorporation of recommended changes if any is sent to Academic Council for their final endorsement. The following structure describes the significance of stakeholders for the development of program.

1. Students Feedback:

- **Exit Survey:** This collects students input on design of curriculum, services extended, incorporation of novel teaching technologies and their overall experience related to facilities and educational resources. However, graduating student will be submitting their overall impression related to institute during final year of their course and this feedback is to be collected.

2. Faculty Feedback:

- Faculty plays vital role in the design of program curriculum that is relevant and in line with the latest technological development in the industry.
- In addition to developing the curriculum, teachers help in executing the curriculum development findings.
- Inputs from Faculty of concerned course through Faculty survey are considered to improve the curriculum.
- Faculty being a part of BoS of the department extends their valuable suggestions from their vast experience towards curriculum enhancement

3. Alumni's/ Employer Feedback:

- Alumni are considered as the ambassadors to the outside world. They are in a position to evaluate the extent to which the programme is effective in achieving the desired objective. As an alumnus they share their experience and participate in curricular updates in view of emerging technologies and tools.
- Alumni survey is conducted, through which suggestions are provided to design syllabus which makes the students industry ready and well prepared towards competitive examinations.
- Employer / Industry feedback helps in enriching the program with industry relevant courses (Electives), which enables bridging the gap between program curriculum and industry requirements.

4. Parent's Feedback:

- The expectations of the parents on their wards help towards academic competencies to excel in the chosen field of specialization. Parents

R.V.R & J.C COLLEGE OF ENGINEERING (A)

survey is conducted every year for obtaining inputs towards curriculum enrichment and other academic issues.

Action taken Report for R-16 Curriculum

Students Feedback	
Observation	Action Taken
Improvement of laboratory courses	Laboratory courses were modified
Faculty Feedback	
Observation	Action Taken
Importance should be given on testing methods in metallurgy subject	Included in the Syllabus
Solar radiation & Energy conversation may be included as elective	Subject added as elective
Thermal considerations of worm gears can be dealt in design of transmission	Included in the Syllabus
Alumni Feedback	
Observation	Action Taken
Industrial exposure internships during every summer	Internship made mandatory in R-16
industrial oriented courses(subjects) to be included more in the academics	Industry based lab (data structures) Introduction to aircraft Systems Subject included
Regular/periodic visits for the students in to industrial areas would give a better picture of the studies	Industrial visits increased
Parent Feedback	
Observation	Action Taken
Language-related events can be conducted to promote skills among students.	Additional Professional Communication skills lab included.
Industrial training is required	Internship made mandatory in R-16
Any course suitable for jobs shall be provided	Industry based lab (data structures) is included
Employer Feedback	
Observation	Action Taken
Encourage students to improve coding skills	Industry based lab (data structures) is included


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 Professor & HOD :: Dean - Academics
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Action taken Report for R-18 Curriculum

Students Feedback	
Observation	Action Taken
Improve Elective courses	No of electives was increased
laboratories related to software in ME	Simulation lab was included in R-18 Curriculum
The labs and subjects may run parallel for better understanding	Some labs made parallel with subjects and some after learning subject to implement their knowledge practically
Faculty Feedback	
Observation	Action Taken
Riser design in casting to be included	Included in the Syllabus
Gas turbine cycles and analysis is removed as it is going to discuss in IC engines subject	Modification is approved by BOS
Modelling lab to be included from second year	Approved in BOS and included in 2 nd year
Alumni Feedback	
Observation	Action Taken
Need to change the courses that being offered, provide more electives	Electives are increased in R-18 Curriculum
Improve self-learning process	MOOCs Courses are included and promoting students to attend online courses.
Parent Feedback	
Observation	Action Taken
Industrial visits may be increased to get more exposure	Industrial visits are increased
Current technology may be imparted by providing special lectures	Guest lectures are arranged, and skill development courses are provided
Employer Feedback	
Observation	Action Taken
Encourage students to improve coding skills	Open elective course Introduction to python programming included in R-18 syllabus
Create awareness about latest technologies	Value added courses are promoting on latest technologies.


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DEPARTMENT OF COMPUTER APPLICATIONS

The feedback form covering all aspects of the students is assessed to improve educational enhancement considering teaching learning improvements, campus life and improved requirements during studies. The following is the feedback mechanism implemented.

Students Feedback and Action Initiated by the Department:

Student feedback is one of the mechanisms implemented every semester. Following is the defined line of action – syllabus, library holdings able to get prescribed reading material, electives offered, self-reading topics, lab facility, prescribed books, learning values, real life situation and industry, depth of course content, extent of coverage of course, efforts required by the students, project learning values understanding the depth of course content.

Action Taken:

Based on the feedback department has initiated actions like -

- Adopting flexible and choice based credit system in curriculum.
- Increasing the number of different authors for different subjects every academic year.
- Adding student choice electives.
- Conducting various technical events, hands on workshop, soft skill programs.

Alumni Feedback and Action Initiated by the Department:

The feedback from alumni is one of the activities for every academic year also when they visit department. Following are the lines; alumni want to suggest improvements in syllabus relevant to the program, leading to pursue PG, research offered electives, self-learning, relation to current job, real life application.

The department conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback from industrial managements, R & D establishments and professionals is obtained through college websites. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum.

Action Taken:

Based on this, department has initiated actions like -

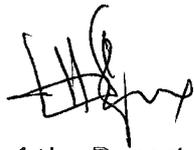
- Suggestions given from alumni will be considered during BoS meeting.
- Syllabus is framed in line with both industrial and research needs.
- Program Electives will be offered to students based on technological advancements and industry needs.
- Students can improve their self learning by choosing the self learning in their curriculum.
- Updating the syllabus content to be aligned with the current trend.

Faculty Feedback and Action Initiated by the Department:

Major portion of the teacher feedback in the range of very good to excellent under includes: Need based syllabus formation, good balance between theory and applications, increases knowledge and perception in the subject area, indication of reference material, updated reference material, well defined course objectives, syllabus as per capability of students to understand, freedom to notify, freedom to propose and adopt new technologies.

Action Taken:

- Suggestions given by the faculty will be considered during BoS meeting.
- Course outcome for each course will be discussed in department meeting for every semester.
- Providing FDP faculty in order to enrich the competency level and teaching methods of faculty members.
- All kind of facilities will be arranged to faculty members to improve teaching learning methodology.



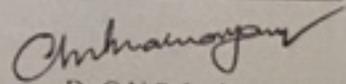
**Head of the Department
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**PRINCIPAL
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R.V. R & J.C.COLLEGE OF ENGINEERING
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DEPARTMENT OF CHEMICAL ENGINEERING

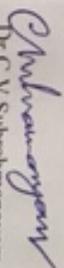
S.No	Recommendations	Action Taken
Faculty	Introduce Web Resources for Knowledge Enhancement	All Faculty should upload the course material in MOODLE..
	Few Courses like thermodynamics-I, Heat Transfer and Other courses have low attainments levels and needs to be improved	Students are enrolled for online course in Programming in IITBombayx and NPTEL.
Students	Feedback received from students that they want more Practical Experience beyond Curriculum	Arranged hands-on experience training sessions by Workshops and APSSDC, and IITBombayx were conducted
	MOOCS and Certification courses may be encouraged	MOOCS and Certification courses are made compulsory from R16 regulations.
Parents	Students are encouraged to write the competitive exams like GATE, GRE, IELTS etc.	Department is conducting GATE , Aptitude, Communication skills and CRT classes regularly
	Needs to update students skills latest Technologies and Developments	Technical classes are conducted to students and Mock interviews and Quizzes are conducted in theory and lab courses.
Alumni	Include Lectures	
	Include Lectures By Imparting The Current State Of Knowledge.	Guest Lectures and Seminar and Tech club activities to train students on latest Technologies.
	It Would Be Nice If Courses related to environment Are Added To The Existing Courses	Open Elective courses are added to the curriculum which develop knowledge in Other Engineering Streams
Employers	Improve Internships/Projects	Motivated students to undertake real-world projects and encouragement given to students to do internship in reputed Organizations.
	Needs pharmacy and petroleum related subjects in the curriculum.	All these subjects are included in the curriculum as electives.


Dr.C.V.Subrahmanayam
(Professor & Head)

R. V. R & J.C.COLLEGE OF ENGINEERING
(Autonomous)
DEPARTMENT OF CHEMICAL ENGINEERING

20-06-2018.

S.No	Recommendations	Action Taken
Faculty	Introduce Knowledge Enhancement Web Resources Few Courses like mechanical operations, Heat Transfer and Other courses have low attainments levels and needs to be improved	All Faculty should upload the course material in MOODLE.. Students are enrolled for online course in Programming in ITBombayx and NPTEL.
Students	Feedback received from students that they want more Practical Experience beyond Curriculum MOOCs and Certification courses may be encouraged	Arranged hands-on experience training sessions by Workshops and APSSDC, and ITBombayx were conducted MOOCs and Certification courses are made compulsory from R16 regulations.
Parents	Students are encouraged to write the competitive exams like GATE, GRE, IELTS etc. Needs to update students skills latest Technologies and Developments	Department is conducting GATE , Aptitude, Communication skills and CRT classes regularly Technical classes are conducted to students and Mock interviews and Quizzes are conducted in theory and lab courses.
Alumni	Include Lectures Include Lectures By Imparting The Current State Of Knowledge.	Guest Lectures and Seminar and Tech club activities to train students on latest Technologies.
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Dr. C. V. Subrahmanyam
(Professor & Head)



R.V.R. & J.C.COLLEGE OF ENGINEERING
(Autonomous)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The following are the views expressed by the students who exits in April 2015 and April 2016 in their exit survey feedback

1. Carrier guidance classes in ECE
2. More time for practical learning.
3. Laboratories are to be furnished with software based hardware equipment.

Action taken:

Regarding the views expressed by the students in exit survey R16 curriculum is modified.

1. Circuit simulation lab (EC-353) is introduced in III year I semester.
2. HDL programming (EC- 307) and Graphical system design (EC-308) subjects are included in III year II semester.
3. Carrier guidance classes are introduced.


(Dr. V.RANGA BABU)
Professor & Head



R.V.R. & J.C.COLLEGE OF ENGINEERING
(Autonomous)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The following are the views expressed by the students who exits in April 2017 and April 2018 in their exit survey feedback.

1. More Software subjects are to be incorporated in curriculum.
2. Update with modern tool usage.
3. Include courses like IOT.

Action taken:

Regarding the views expressed by the students in exit survey R18 curriculum is modified.

1. Value added courses such as AI Tools, Techniques and Applications (ECV02) and Internet of Things(IoT) (EC V03)are introduced in the curriculum.
2. Soft Computing Techniques (ECEL17), Cognitive Radio(ECEL25) and Pattern Recognition (ECEL20) etc. are introduced as Professional Elective courses.


(Dr. J. RANGA BABU)
Professor & Head


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

10-6-2016

Sir,

Sub: Syllabus review – feedback from stake holders – comments – reg.,

During the curriculum revision process, feedback is taken from Faculty, Industry, Existing students, Graduating students and Alumni.

Consolidated comments are here with attached for your consideration and for further action during Syllabus revision for R-16 regulation.

Thanking you,

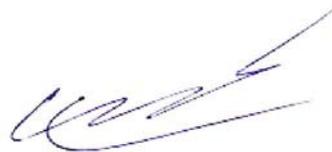


Dr. K. Swarnasri

Professor/ EEE

(Program Coordinator-UG)





Dr. K. CHANDRA SEKHAR
Professor & HOD, EEE Dept.
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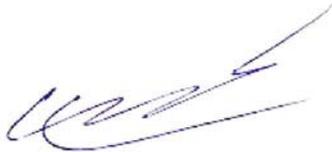
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Consolidated comments from Industry for Syllabus revision

Comments Received	Action Taken
More real time experiments can be added in Work shop lab	Separate Lab course is framed for Electrical Workshop practice and Experiments are revised in the Lab.
Product designing kits like LED manufacturing, Solar Panel manufacturing can be included.	Project lab is established
Communication skills subjects shall be revised keeping Corporate people/behaviour in view.	Syllabi is revised
Industry training can be made mandatory in curriculum for 2 to 4 weeks. Industry training can be made mandatory in curriculum	Many people have suggested this and It is made mandatory in R16 curriculum.
Provision must be there in curriculum to peruse Industry oriented projects.	Provision is not made in curriculum as of now but students who are willing to take up industry oriented projects shall be encouraged.
Power converters for Renewable energy resources & Grid integration can be added	
Certification courses like JAVA, .dotnet, VLSI, IC designing and networking etc... can be made mandatory.	Students are free to do the certification courses of their interest through NPTEL or other OCW and it is proposed to allot 2 to 3 hours a week for this in time table. Minimum one certification should be done by each student through MOOCS.
Advanced topics can be included in some courses – Protection – Microprocessor based relaying	Syllabus is revised slightly
Industrial Instrumentation	Power plant instrumentation subject is already there in curriculum –
Electrical Distribution systems – Smart grids More focus could be given on latest distribution networks	Distribution automation topic is added, syllabus is slightly changed.

Comments Received	Action Taken
One or two Job oriented / Industry ready courses could be added as per the demand in Fourth Year	Industry open slot is given in Elective – 6. MOOCS certification may help in this regard.
Syllabus of Utilization of Electric power could be upgraded with the latest lighting and Energy storage technologies.	Batteries topic is added
Electrical measurements course-topics may be added related to Industrial Instrumentation	Small topic is added for digital sensors and instruments.



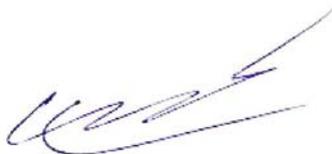

Swaraj

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Consolidated comments from Faculty for Syllabus revision

Comments Received	Action Taken
EE101, EE107, EE201 & EE207 Mathematics courses Few topics can be added which would be useful in electrical and electronics engineering problem formulation and solutions.	All four mathematics courses are rearranged, titles are modified based on the contents and new titles specific to applications are added.
EE204 Network theory & EE209 Network analysis and synthesis Another subject can be added if possible to introduce electrical circuits in the first year itself.	Additional new course is added in 2 nd semester as EE 112 Introduction to Electrical Engineering ; and few topics are rearranged in Network theory & Network analysis and synthesis
EE211 Data Structures and EE255 DS lab Syllabus can be revised by adding object oriented approaches	EE211 is renamed as Data Structures using C++, Syllabus is modified according to the suggestions given by IT department. Lab experiments list is also modified.
EE/EC 301 Pulse and Digital Circuits Logic families need to be revised	In Unit V, Digital Circuits : Fundamental concepts of digital circuits, cmos logic family, nmos logic family, TTL logic family, emitter coupled logic family
EE/EC 302 Microprocessors & Microcontrollers Interface microprocessor to key boards	Interface microprocessor to key boards
EE 352 Electronic Circuits Lab New experiments on ICs may be added	New experiments are added in list.
EE 307 Linear Ics and Applications Few topics related to applications can be added	APPLICATION Ics: IC Voltage Regulators- LM317, 723 Voltage Regulators, Isolation amplifiers, Opto coupler, Opto electronic Ics
EE 309 Power Electronics AC Voltage controllers	AC Voltage Controllers: Single phase AC voltage controllers –two SCR's in anti parallel – With R and RL loads. Derivation of RMS load voltage, current and power factor.

Comments Received	Action Taken
EE 354 Electrical Measurements & Instrumentation Lab As it is proposed to separate this lab from workshop practice, few instrumentation experiments can be added.	Advanced experiments could not be added at this stage – but following experiments are added into the list. Determination of transformer ratios and phase angle error using current transformer or potential transformer; Measurement of R, L, C using digital LCR meter.
EE 356 Electrical Workshop practice Lab Proposed list of experiments is attached	New Lab Proposed list of experiments is considered
EE 355 Control systems Lab Programmable Logic Controller	Programmable Logic Controller experiment is added
EE 408 Power System Operation & Control Slight focus may be given to Automation	Distribution Automation is added
312B ANN & Fuzzy systems Few applications of theory can be included in the syllabus	Unit V is completely given to discuss the applications of ANN & Fuzzy systems in Electrical engineering Applications
312C Renewable energy Resources Unit I – Energy storage systems	Topics are slightly modified and more importance is given to energy storage systems.
EE406A Industrial drives Conservation in electric drives is to be added	Unit V – Conservation in electric drives
EE406B Power plant instrumentation Topics can be rearranged and turbine monitoring and control may be included in the syllabus.	Unit V – Turbine monitoring control
Recommendation from HOD, Program Coordinator and senior faculty: New courses like smart grids, electric vehicles can be added in the curriculum in view of the increasing demand for the same knowledge in future. Number of elective courses can be more.	New course on Smart Grids is added as elective. Number of electives are increased to 6. [1 OE +5 PEs]




Suresh



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

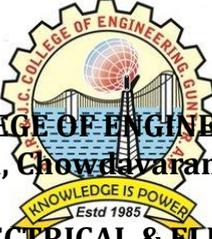
Consolidated comments from Graduating students & Alumni for Syllabus revision

Comments Received	Comments and Action Taken
Graduating Students (Program Exit Survey)	<p>More Open Electives Are Required</p> <ul style="list-style-type: none"> ❖ Electives number is increased from 4 to 6.
	<p>Communication Skills Classes Need To Be Made Better.</p> <p>Soft Skills Need To Be Concentrated</p> <ul style="list-style-type: none"> ❖ Extra additional course is given in 2nd year; and syllabus is reviewed.
	<p>More Guidance Is Required In Simulation Packages</p> <p>NPTEL COURSES</p> <ul style="list-style-type: none"> ❖ In time table NPTEL slot is given to give an opportunity for self learning.
	<p>Some Industrial Tours</p> <p>Make Industrial Training Compulsory For Every Year</p> <p>Students Can Be Made To Get Some Additional Laboratory Experience In Connection with Real World Engineering</p> <ul style="list-style-type: none"> ❖ Industrial tours are planned every year to the nearby industries. ❖ Mini project is made compulsory for the students along with term paper. ❖ Industrial training is made mandatory at the end of third year.
	<p>Add Courses Related To Present Technologies</p> <ul style="list-style-type: none"> ❖ Smart grids course is added. ❖ Industry open slot is given to add latest job oriented course in the final semester. ❖ Open elective courses are revised in CSE & IT in view of present technologies.
Alumni:	<p>Include lectures on latest technologies. Students should be trained more on latest technologies</p> <ul style="list-style-type: none"> ❖ Smart grids course is added. ❖ Industry open slot is given to add latest job oriented course in the final semester. ❖ Open elective courses are revised in CSE & IT in view of present technologies. ❖ In addition to this, Guest lectures / interactive sessions are arranged with alumni to students to

	create awareness on latest technologies.
	<p>Focus should be given on improving communication skills</p> <ul style="list-style-type: none"> ❖ Additional courses are given in 2nd year and 3rd year ❖ English and soft skills courses syllabus is reviewed.
	<p>Industrial internship can be made compulsory</p> <ul style="list-style-type: none"> ❖ Industrial training is made mandatory at the end of third year.
	<p>One semester can be left for project work</p> <ul style="list-style-type: none"> ❖ It is not considered for this time.
	<p>Job oriented courses can be added in curriculum</p> <ul style="list-style-type: none"> ❖ Skill development classes may help the students to some extent. ❖ Special classes are conducted for vocabulary and current affairs by identifying suitable slots. ❖ Few more VA courses shall be considered in future revisions in this regard.
	<p>Give projects in the courses , so students can learn and implement their knowledge</p> <ul style="list-style-type: none"> ❖ At the end of 7th semester student have to submit one hard ware project as mini project and they are encouraged to develop certain applications based on the knowledge they gained. ❖ For Main project also at the end of 8th semester, hard ware projects development is encouraged. ❖ Project lab is established in the department where a student can work independently.
	<p>More industrial visits</p> <ul style="list-style-type: none"> ❖ Short industrial visits are already in place and long trips are stopped as per the instructions of the government.
	<p>Provide more industrial oriented courses</p> <ul style="list-style-type: none"> ❖ Smart grids course is added. ❖ Industry open slot is given to add latest job oriented course in the final semester. ❖ Open elective courses are revised in CSE & IT in view of present technologies. ❖ In addition to this, Guest lectures / interactive sessions are arranged with alumni to students to create awareness on latest technologies.



Swarnaik.



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Chandramoulipuram, Chowdavaram :: Guntur - 522 019, A.P
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

03-07-2018

Sir,

Sub: Syllabus review – feedback from stake holders – comments – reg.,

During the curriculum revision process, feedback is taken from Faculty, employers, Parents, Graduating students and Alumni.

Consolidated comments are here with attached for your consideration and for further action during Syllabus revision for R-18 regulation.

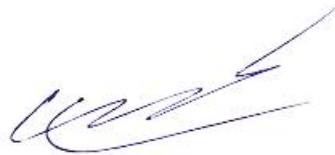
Thanking you,



Dr. K. Swarnasri

Professor/ EEE

(Program Coordinator-UG)



Dr. K. CHANDRA SEKHAR
Professor & HOD, EEE Dept.
R.V.R & J.C. College of Engg.
Chowdavaram, GUNTUR-522 019.



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Consolidated comments from Employer for Syllabus revision

Comments Received	Action Taken
Coding skills can be taken to all the students right from the inception of their B.Tech course	'C' language is taught in First year as theory and Lab. Data structures is taught in second year. Students are free to choose software subjects as open elective. [4 open electives are set in R18 curriculum]
Awareness about latest technologies for improving skills according to IT industry	Many Mandatory and Value added courses are included in R18 curriculum to create awareness about latest technologies.
Strengthen basics of their subjects	The curriculum covers basic subjects in Electrical & Electronics Engineering in addition to the core component.
Work towards developing communication skills	Communication skills is added as Value added course in first year



Suresh

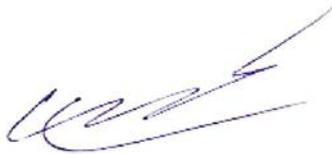


DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Consolidated comments from Faculty for Syllabus revision

Comments Received	Action Taken
Mathematics Revision can be done and another exclusive subject can be added for probability & statistics.	Mathematics – I and II subjects are slightly revised to suit to electrical engineering students and Mathematics – III is kept exclusively for probability & statistics.
Workshop practice Experiments can be revised	New experiments are added : Manufacturing Methods, CNC machining and Additive manufacturing, Fitting operations and power tools , 4. Basic principles involved in electrical circuits and electronic PCB circuits, Plastic moulding, glass cutting, experiments in machine shop, Fitting Shop,
Program for problem solving Orientation of teaching the subject could be changed	Course content is modified for theory and lab.
Engineering Graphics & Design Lab New topics like “Perspective Projections, 2D drawings of various mechanical and structural components, electrical and electronic circuits. Orthographic and Isometric views of mechanical castings and simple structures” could be added.	Perspective Projections, 2D drawings of various mechanical and structural components, electrical and electronic circuits. Orthographic and Isometric views of mechanical castings and simple structures.
Electrical circuits In lab course, as introductory part – student should be taught about electrical installations and electrical equipment.	Familiarisation of Electrical Installations and Electrical Testing Equipment, Basic safety precautions, Additional experiments added: Series resonance characteristics. Parallel resonance characteristics, Study of RL,RC, RLC series and RLC parallel circuits
Mechanical engineering Civil engineering part could also be added to this subject so as to meet APSCHE guide lines. Study of boilers and refrigeration & air conditioning tutors	New subject title where Basic civil engineering and Refrigeration and airconditioning is added in mechanical engineering part
Mechanical technology lab If civil engineering part is added in theory, lab may also align with the theory subject.	new lab title: Basic Civil & Mechanical Engineering Lab Civil engineering experiments are added. In mechanical part Study of

Comments Received	Action Taken
	refrigeration and air conditioning tutors; Study of boilers and mountings are added as new experiments.
Electronics theory & Lab Theory syllabus could be revised, New lab on advances can be added.	Theory courses are revised, New lab is added as per the AICTE prescribed curriculum: Electronics Design lab.
Recommendation from HOD, Program Coordinator and senior faculty: New courses like electric vehicles can be added in the curriculum in view of the increasing demand for EVs in future. Number of elective courses can be more. Value Added courses should be there to meet PSOs.	New course Electric Hybrid vehicles is added as elective. Number of electives are increased [4 OEs + 5 PEs+ 2 HSEs] VA courses are added.
Suggestion from common BOS	Number of electives are increased [4 OEs + 5 PEs+ 2 HSEs]; Mandatory courses are added.




Swarajk.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Consolidated comments from Graduating students & Alumni for Syllabus revision

Comments Received	Comments and Action Taken
Graduating Students (Program Exit Survey)	<p>e-class room learning, videos about working of machines</p> <ul style="list-style-type: none"> ❖ They can make use of NPTEL depository available in college.
	<p>Some more infrastructure must be provided for practical experience to students</p> <ul style="list-style-type: none"> ❖ New experiments are added in laboratories- new equipment will be purchased on demand basis. ❖ New labs are added in the curriculum of R18 regulations.
	<p>Exam pattern is not good at all , all the exams must be practical and application oriented. The subject teaching must be always application oriented.</p> <ul style="list-style-type: none"> ❖ At most care is taken in R18 curriculum to go practicals related to theory in the same semester.
	<p>Please increase the NIT faculty</p> <ul style="list-style-type: none"> ❖ It is not at BOS level- how ever new faculty recruited are from NITs.
	<p>updating with the trends like arduino coding, MATLAB proficiency, robotics etc, students activity cell for shaping out ideas into products.</p> <ul style="list-style-type: none"> ❖ Special workshops are conducted to the students on coding, Matlab, python, robotics etc... ❖ Project lab is already in place in the department which is meant for the purpose of shaping ideas into products.
	<p>students should be encouraged to give seminars so that they can improve communication skills seminars, general knowledge</p> <ul style="list-style-type: none"> ❖ Seminars hours are given in time table for each semester of the study. ❖ Extra communication skills courses are given to students as Value Added courses. ❖ General aptitude and current affairs classes are added in time tables for third and final years. ❖ Mandatory courses are added in R18 curriculum.
	<p>R&D CELL,ELECTIVE SUBJECTS FOR FINAL YEARS</p> <ul style="list-style-type: none"> ❖ R&D cell is there for faculty, project lab is in place for students. ❖ Number of elective subjects are increased in

	<p>R18 curriculum. [4-Open Electives, 5- Program Electives and 2- HS Electives].</p> <ul style="list-style-type: none"> ❖ One OE, one PE can be finished through MOOCs.
	<p>I think if we go more practical it will be more helpful to the students</p> <ul style="list-style-type: none"> ❖ At most care is taken in R18 curriculum to go practicals related to theory in the same semester,
	<p>Circuit analysis & N. Analysis subjects to improve</p> <ul style="list-style-type: none"> ❖ Both courses are revised in R18 curriculum. Contents are rearranged to make the course more interesting.
	<p>Practical implementation is more required</p> <ul style="list-style-type: none"> ❖ At most care is taken in R18 curriculum to go practicals related to theory in the same semester, ❖ Mini project is also made compulsory with Project stage-1. ❖ Students are encouraged to do hard ware projects with some application at project stage-2
	<p>Faculty teaching must be in practical oriented and syllabus must be updated to new version of technologies.</p> <ul style="list-style-type: none"> ❖ Electronics design lab is added. ❖ Mandatory courses and value added courses are to prepare the students to updated and new technologies.
	<p>Include more number of workshops in curriculum.</p> <ul style="list-style-type: none"> ❖ Number of training programs are planned frequently in association with APSSDC and SWAYAM.
	<p>Please remove observations and give printed material Record work is more burden. Please try to minimize it</p> <ul style="list-style-type: none"> ❖ We feel that writing observation and drawing circuit diagram is must for electrical engineering student before conducting the experiment. ❖ But at first year level BEE lab observations are printed for all other department students. ❖ Students are expected to write their record after the experiment.
	<p>Some more practical knowledge & advanced equipment must be provided</p> <ul style="list-style-type: none"> ❖ Electronics design lab may help in enhancing the practical knowledge. ❖ Latest equipment is purchased in Laboratories.

Alumni:	<p>Inform to the alumni if any conferences conducted. Conduct more and more industrial tours for students to improve their practical knowledge.</p> <ul style="list-style-type: none"> ❖ Made a note of it, invitation shall be passed on to alumni for good programs and conferences. ❖ Short industrial tours are conducted every year, but as per the instructions of government, long industrial tours were stopped at the institution level.
	<p>It would be better if courses are aligned completely with practicals</p> <ul style="list-style-type: none"> ❖ At most care is taken in R18 curriculum to go practicals related to theory in the same semester
	<p>Give more autonomy to students</p> <ul style="list-style-type: none"> ❖ 4 open electives, 2 HS electives, MOOCS courses
	<p>Implementation of self learning techniques like lab assignments without actually giving the full manual should be encouraged. More industry oriented syllabus also helps.</p> <ul style="list-style-type: none"> ❖ Will be considered at later stage.
	<p>Please impart industrial Experience inline with Academic Content.</p> <ul style="list-style-type: none"> ❖ Industry internship is introduced in the curriculum. ❖ Provision is made in the eighth semester to do project completely in industry.
	<p>Make efforts to make student's knowledge should be useful to country not for corporate companies. Make students as they are going to create new things in their respective fields not in it sector. Please create some interest about subject.</p> <ul style="list-style-type: none"> ❖ Entrepreneurship activities are in place in the campus
	<p>Need more focus on encouragement on Industrial training, credits for internships with firms, credits for spending time on projects etc.</p> <ul style="list-style-type: none"> ❖ Industry internship is introduced in the curriculum. ❖ Provision is made in the eighth semester to do project completely in industry.
	<p>Awareness should be created for civil services exams also</p> <ul style="list-style-type: none"> ❖ Regular classes are given for general aptitude ❖ Mandatory courses that are given in R18 revision as per the AICTE prescribed curriculum also helps in creating awareness for the same.
	<p>More computer oriented courses like Java, computer networks should be taught</p> <ul style="list-style-type: none"> ❖ Students are free to choose in Open electives and MOOCS courses



Swaraj

R.V.R. & J.C. COLLEGE OF ENGINEERING, CHOWDAVARAM, GUNTUR-522 019
(Autonomous)
DEPARTMENT OF INFORMATION TECHNOLOGY

(PARENTS FEEDBACK)

Action taken report for the suggestions received from parents for 2014-2018 batch:

Suggestion: Teaching staff to teach in English in class hour as well as in campus.

Action taken: Staff are advised to teach in English.

Suggestion: Providing own department labs to use extra hours excluding college campus.

Action taken: Whenever computer systems are free in a lab, students are allowed to utilize them.

Action taken report for the suggestions received from parents for 2013-2017 batch:

Suggestion: Try to improve communication skills classes.

Action taken: Communication skills classes in class rooms and labs are provided.

Action taken report for the suggestions received from parents for 2011-2015 batch:

Suggestion: It would be better if CRT classes are conducted from 3rd year itself.

Action taken: CRT classes are being conducted from 3rd year onwards.

R.V.R. & J.C. COLLEGE OF ENGINEERING, CHOWDAVARAM, GUNTUR-522 019
(Autonomous)
DEPARTMENT OF INFORMATION TECHNOLOGY
(ALUMNI FEEDBACK)

Comments received in 2017 March/ April for revising curriculum in 2018:

Suggestion:Campus recruitment.

Action taken:More number of students are recruited by reputed companies every year.

Suggestion:More hours should be allocated for computer labs in a week.

Action taken:Whenever computer systems are free in a lab, students are allowed to utilize them.

Suggestion:Please maintain latest research laboratories for information technology.

Action taken:A research lab is maintained exclusively for IT department.

Comments received in 2015 December for revising curriculum in 2016:

Suggestion: Include lectures by imparting the current state of knowledge.

Action taken:Guest lectures and workshops by experts and alumni are arranged.

Suggestion:Give projects in the courses, so students can learn and implement their knowledge.

Action taken:Included mini project work in curriculum and papers are published by the students in journals.

Suggestion:Give industrial exposure internship during every summer improve team winning and team working sessions.

Action taken:Students are sent to the industry and higher educational institutes for undergoing internship training.

Suggestion:It will be more beneficial, if industrial oriented courses were included more in the academics.

Action taken:Industrial related courses like Mobile application development,are added in curriculum for the benefit of the student.

Suggestion:Regular/periodic visits for the students in to industrial areas would give a better picture of the studies.

Action taken:Every year industrial tours to industries like ISRO, software industries are arranged for the students.

Suggestion: Quality of teaching, faculty with good background & knowledge could be improved make it a bit more practical.

Action taken: Guest lectures, workshops, FDPs and MOOCS courses are arranged for the improvement of the knowledge of the faculty on current and advanced courses.

Suggestion: It would be nice if courses like architecture and interior designing are added to the existing courses.

Action taken: At present not possible.

Suggestion: Please explain the importance of this by conducting sessions to the students by our guys who succeeded & settled in IT industry.

Action taken: Interaction with the alumni who settled in the industry and interaction with students who succeed in campus placements are arranged.

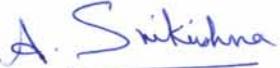
Student Feedback and action initiated by the department:

Student feedback is one of the mechanisms implemented every semester. Following is the defined line of action- syllabus, library holdings able to get prescribed material, electives offered, self-reading topics, lab facility, prescribed books, learning values, real life situation and industry, depth of course content, extent of coverage of course, efforts required by the students, project learning values understanding the depth of the course content.

Action Taken:

Based on the feedback department has initiated actions like-

- Adopting flexible and choice based credit system in curriculum.
- Increasing the number of different authors for different subjects every academic year.
- Adding student choice electives.
- Conducting various technical events, hands on workshop, soft skills programs.


Dr. A. Srikrishna
Prof., & HOD, IT

DEPARTMENT OF MANAGEMENT SCIENCES
RVR & JC COLLEGE OF ENGINEERING, CHOWDAVARAM

Action taken report on Stakeholders Feedback

The Department as a part of Curriculum Development has several surveys conducted to improve the quality of the program and contents of the course. The participants for the survey are the stake holders- Students, Employers, Alumni and Parents. Several Actions taken based on their feedback for the academic year 2017-18. Board of studies meeting held on 28/6/2017, the committee consisting of Industry representatives, Alumni and Faculty from universities of the department, after having discussions with the above members, they have suggested/recommended the following:

Recommendations	Action Taken
Faculty were of opinion that some of the core subjects can be merged to make provision for introducing more specialization subjects	Two courses Talent Management and Knowledge management are combined into one course with Talent and Knowledge Management is introduced in MBA II year II Semester Entrepreneurship development and Micro, Small and Medium scale enterprises are combined to form a new core subject called as Entrepreneurship and Small business management Sales Promotion and Distribution Management, Services and Retail Marketing, Foreign Exchange management is newly introduced subjects
Employer survey revealed that more startup courses are required to introduce	Entrepreneurship and Small business management is introduced as a core paper Entrepreneurship Development is introduced as a Specialization paper
Alumni survey revealed that (Industry – Institution courses) practical courses are required to introduce	Banking Technology Elective is newly introduced

Parent survey highlighted about flexibility of curriculum	Adopting a Flexible Choice Based Credit System(CBCS) in curriculum
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(Prof. B.K. Surya Prakasha Rao)

Head, Dept of M.S

R.V.R & J.C. COLLEGE OF ENGINEERING (A)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Action Taken Report for B.Tech (R18) Curriculum

S.No	Recommendations	Action Taken
Faculty	Need to incorporate latest developments in Industry Recommend Subjects	The latest course were included in Curriculum
	Suggested Students to participate in skill development programs to sustain in Industry	Students were encouraged to attend APSSDC Programs and MOOCS courses
Students	Students requested for more Guest Lectures, Seminars and participation in events, which are being conducted in premier Institutes.	Encouraged the students to participate in more events by paying one way fare and registration charges.
	Need more practical exposer on Problem Solving techniques	Mandatory courses and value added courses were included.
Parents	English Speaking skills need to be improved	Soft Skills related courses are introduced in the Curriculum
	Practical Approach on the latest industrial developments is required.	Co-Curricular activities, Tech Club and ACM events are conducted for all Students on regular basis.
Alumni	Need more focus on Industrial training	credits for internships and MOOCS are included in the Curriculum
	Need to add concepts related to industry requirements	Latest and Advanced Subjects included in the Curriculum

Dr. M.Sreelatha
Prof.& Head

R.V.R & J.C. COLLEGE OF ENGINEERING (A)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Action Taken Report for M.Tech (R17) Curriculum

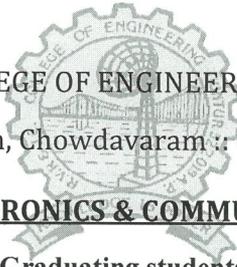
S.No	Recommendations	Action Taken
Faculty	Need to incorporate latest developments in recommended Subjects	The latest courses with advanced topics are included in Curriculum
	Suggested to include more practical-oriented Subjects	Elective courses and Learning By Doing (LBD) based Elective Courses are included in the curriculum.
Students	Students requested for advanced concepts	New courses on latest technologies are included.
	Need more practical exposure on Problem Solving techniques	Additional Lab sessions were provided to improve their practical knowledge.
Parents	Practical Approach on the latest technologies in industry is needed.	Internship is made mandatory in the curriculum.

(Dr. M.Sreelatha)
Prof. & Head

R.V.R & J.C. COLLEGE OF ENGINEERING (A)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.No	Recommendations	Action Taken
Faculty	Introduce Web Resources for Knowledge Enhancement	All Faculty should upload the course material in MOODLE..
	Few Courses like Data Structures, Design and Analysis of Algorithms and Other courses have low attainments levels and needs to be improved	Students are enrolled for online course in Programming in IITBombayx and NPTEL.
Students	Feedback received from students that they want more Practical Experience beyond Curriculum	Arranged hands-on experience training sessions by Workshops and APSSDC, and IITBombayx were conducted
	MOOCS and Certification courses may be encouraged	MOOCS and Certification courses are made compulsory from R16 regulations.
Parents	Practical Approach for technological developments must be included in curriculum	Practical training programmes are conducted by the CSE Department through APSSDC, IITBombayx
	Needs to update students skills latest Technologies and Developments	Technical classes are conducted to students and Mock interviews and Quizzes are conducted in theory and lab courses.
Alumni	Include Lectures	
	Include Lectures By Imparting The Current State Of Knowledge.	Guest Lectures and Seminar and Tech club activities to train students on latest Technologies.
	It Would Be Nice If Courses Like Architecture And Interior Designing Are Added To The Existing Courses	Open Elective courses are added to the curriculum which develop knowledge in Other Engineering Streams
Employers	Improve Internships/Projects	Motivated students to undertake real-world projects and encouragement given to students to do internship in reputed Organizations like TCS
	Needs expertise in Current trends in Machine Learning, Big data Analytics and IOT	All the three subjects are included in the curriculum.
Industry	New Subjects and Technologies are to be included.	Advanced Subjects like Cloud computing, Big data, Cyber Security are include in both R12-8 th Semester as well as in R16 Curriculum


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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Consolidated comments from Graduating students, Alumni and Employer survey

for (R16) Syllabus revision

Graduating Students (Exit Survey)	<ul style="list-style-type: none"> ➤ Career guidance classes in ECE ➤ More time for practical learning. ➤ Laboratories are to be furnished with software based hardware equipment.
Alumni	<ul style="list-style-type: none"> ➤ Give industrial explore internship during summer vacation ➤ Periodic industrial visits should be provided to get industrial exposure ➤ More software tools should be provided relating to academic curriculum ➤ Provide guest lectures by industry people to learn the content beyond the curriculum.
Employer	<ul style="list-style-type: none"> ➤ Provide more coding skills needed for IT industry. ➤ Provide more training on arithmetic and reasoning. ➤ Provide training on personality development skills ➤ Provide training on managerial skills.

The following actions were taken in Board of Studies, after collecting and analyzing exit survey, alumni feedback, employer feedback and faculty feedback

New courses introduced

S.NO	Subject code	Subject Name
1	EC-353	Circuit simulation lab
2	EC- 307	HDL programming
3	EC-308	Graphical system design
4	Carrier guidance classes	

Modifications to the syllabi

S.NO	Subject code	Subject Name	Actions taken
1.	EC202	Electronic Devices & Circuits	<ul style="list-style-type: none">• Detail discussion on MOSFETs including MOS capacitances, threshold voltage components and non ideal effects are included
2.	EC203	Digital logic design	<ul style="list-style-type: none">• Algorithmic State Machines including ASM charts , tables and state assignments are included
3.	EC251	EDC Lab	<ul style="list-style-type: none">• experiment on Drain and transfer characteristics of MOSFET is added
4.	EC255	Electronic circuits Lab	<ul style="list-style-type: none">• experiments on voltage series, current series and voltage shunt are added• experiment on Colpitts, Hartley and RC phase shift Oscillator are added
5.	EC301	Pulse and digital circuits	<ul style="list-style-type: none">• topics on TTL,ECL and CMOS logic families are added
6.	EC353	Circuit Simulation Lab	<ul style="list-style-type: none">• Experiments on wein bridge and RC phase shift Oscillators are added
7.	EC406A	Digital Image Processing	<ul style="list-style-type: none">• Digital color image processing is introduced
8.	EC453	DSP Lab	<ul style="list-style-type: none">• Experiments on Audio Equalizer, adding Noise to the Signal and removing the noise using Filters, Multiple Waveforms and Acquiring the same are conducted using my DAQ hardware are included
9.	EC408	Optical Communications	<ul style="list-style-type: none">• Optical amplifiers and networks are included
10.	EC409A	Satellite communication	<ul style="list-style-type: none">• GPS and Navigation are included



Dr.T.Ranga Babu
Professor & HOD



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Chandramoulipuram, Chowdavaram :: Guntur - 522 019, A.P

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Consolidated comments from Graduating students, Alumni and Parents

for (R18) Syllabus revision

Graduating Students (Exit Survey)	<ul style="list-style-type: none">➤ More Software subjects are to be incorporated in curriculum.➤ Update with modern tool usage.➤ Include courses like IOT.
Alumni	<ul style="list-style-type: none">➤ Students should get a little exposure of the real time technology➤ Students should be trained not only in getting better grades but also in creative thinking➤ Increase the number of books in library
Parents	<ul style="list-style-type: none">➤ Need more interdisciplinary courses➤ Provide industrial training➤ Provide more classes for communication skills➤ Provide more co-curricular and extracurricular actives

The following actions were taken in Board of Studies, after collecting and analyzing Exit survey, Alumni feedback, Parents and faculty feedback

New courses introduced

S.NO	Subject code	Subject Name
1	ECV02	AI Tools, Techniques and Applications
2	EC V03	Internet of Things (IoT)
3	MC 004	Design Thinking & Product Innovation
4	ECEL17	Soft Computing Techniques
5	ECEL25	Cognitive Radio
6	ECEL20	Pattern Recognition

Modifications to the syllabi

S.NO	Subject code	Subject Name	Actions taken
1.	EC202	Electronic Devices & Circuits	<ul style="list-style-type: none">• Analysis of generation and recombination currents of diode were deleted• Non ideal effects, frequency limitations of BJT were deleted.• Fundamentals of MOS capacitor and its energy band diagrams were added.
2.	EC203	Digital logic design	<ul style="list-style-type: none">• Digital integrated circuits like RTL, DTL, TTL, ECL and Digital Logic family using MOS and CMOS were included
3.	EC206	Signals and Systems	<ul style="list-style-type: none">• Laplace transform and sampling theorem concepts were deleted
4.	EC211	Electromagnetic fields and Transmission lines	<ul style="list-style-type: none">• Unit on Transmission lines was deleted


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(Autonomous)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The following are the views expressed by the employer in their survey feedback for 2016 graduates.

1. Provide more coding skills needed for IT industry.
2. Provide more training on arithmetic and reasoning.
3. Provide training on personality development skills
4. Provide training on managerial skills.

Action taken:

1. Special training classes are provided to improve coding skills needed for IT industries
2. Conducting CRT (Campus Recruitment Training) program to improve arithmetic and reasoning abilities, personality development and managerial skills.


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