



SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, Ranga Reddy (District) - 501506

CRITERIA-1.4.1. FEEDBACK SYSTEM

CRITERIA-1.4.1. FEEDBACKS COLLECTED

S.No	Stakeholders	Year	No. of feedback responses collected
1	Students	2019-2020	292
		2018-2019	246
		2017-2018	182
		2016-2017	210
		2015-2016	235
2	Teachers	2019-2020	39
		2018-2019	46
		2017-2018	61
		2016-2017	70
		2015-2016	74
3	Alumni	2019-2020	34
		2018-2019	29
		2017-2018	50
		2016-2017	54
		2015-2016	41
4	Employers	2019-2020	21
		2018-2019	21
		2017-2018	24
		2016-2017	29
		2015-2016	30



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Ibrahimpattam, RangaReddy (District)-501506

Department of Computer Science and Engineering

S.No	Stakeholders	Year	No. of feedback responses collected
1	Students	2019-2020	105
		2018-2019	115
		2017-2018	90
		2016-2017	80
		2015-2016	78
2	Teachers	2019-2020	13
		2018-2019	12
		2017-2018	18
		2016-2017	19
		2015-2016	22
3	Alumni	2019-2020	14
		2018-2019	13
		2017-2018	16
		2016-2017	12
		2015-2016	15
4	Employers	2019-2020	9
		2018-2019	5
		2017-2018	7
		2016-2017	8
		2015-2016	10



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Ibrahimpatnam, RangaReddy (District)-501506

Department of Electronics and Communication Engineering

S.No	Stakeholders	Year	No.of feedback responses collected
1	Students	2019-2020	80
		2018-2019	65
		2017-2018	52
		2016-2017	62
		2015-2016	63
2	Teachers	2019-2020	9
		2018-2019	12
		2017-2018	15
		2016-2017	20
		2015-2016	22
3	Alumni	2019-2020	15
		2018-2019	10
		2017-2018	11
		2016-2017	15
		2015-2016	10
4	Employers	2019-2020	5
		2018-2019	8
		2017-2018	9
		2016-2017	5
		2015-2016	7




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Department of Electrical and Electronics Engineering

S.No	Stakeholders	Year	No. of feedback responses collected
1	Students	2019-2020	52
		2018-2019	40
		2017-2018	20
		2016-2017	15
		2015-2016	21
2	Teachers	2019-2020	6
		2018-2019	7
		2017-2018	8
		2016-2017	9
		2015-2016	8
3	Alumni	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	0
		2015-2016	16
4	Employers	2019-2020	2
		2018-2019	4
		2017-2018	3
		2016-2017	4
		2015-2016	4



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SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpatnam, RangaReddy (District)-501506

Department of Civil Engineering

S.No	Stakeholders	Year	No.of feedback responses collected
1	Students	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	16
		2015-2016	26
2	Teachers	2019-2020	0
		2018-2019	0
		2017-2018	2
		2016-2017	4
		2015-2016	5
3	Alumni	2019-2020	0
		2018-2019	0
		2017-2018	8
		2016-2017	9
		2015-2016	0
4	Employers	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	3
		2015-2016	2


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Department of Mechanical Engineering

S.No	Stakeholders	Year	No.of feedback responses collected
1	Students	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	16
		2015-2016	25
2	Teachers	2019-2020	0
		2018-2019	0
		2017-2018	3
		2016-2017	5
		2015-2016	8
3	Alumni	2019-2020	0
		2018-2019	0
		2017-2018	8
		2016-2017	10
		2015-2016	0
4	Employers	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	3
		2015-2016	2


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Ibrahimpatnam, RangaReddy (District)-501506

Department of Humanities & Sciences

S.No	Stakeholders	Year	No.of feedback responses collected
1	Students	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	0
		2015-2016	0
2	Teachers	2019-2020	6
		2018-2019	9
		2017-2018	11
		2016-2017	10
		2015-2016	2
3	Alumni	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	0
		2015-2016	0
4	Employers	2019-2020	0
		2018-2019	0
		2017-2018	0
		2016-2017	0
		2015-2016	0




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Ibrahimpattanam, Ranga Reddy (District)-501506

Department of Master of Business Administration

S.No	Stakeholders	Year	No.of feedback responses collected
1	Students	2019-2020	55
		2018-2019	26
		2017-2018	20
		2016-2017	21
		2015-2016	22
2	Teachers	2019-2020	5
		2018-2019	6
		2017-2018	4
		2016-2017	3
		2015-2016	7
3	Alumni	2019-2020	5
		2018-2019	6
		2017-2018	7
		2016-2017	8
		2015-2016	10
4	Employers	2019-2020	5
		2018-2019	4
		2017-2018	5
		2016-2017	6
		2015-2016	5

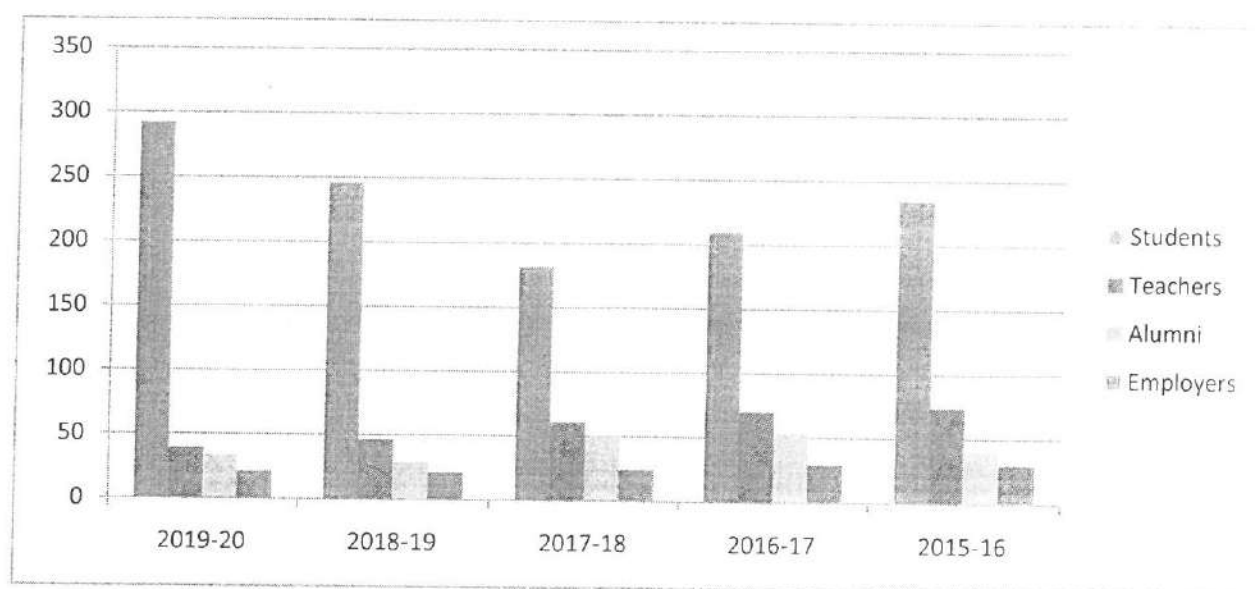

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STAKE HOLDER FEEDBACK ANALYSIS REPORT

FEEDBACK ANALYSIS ON CURRICULUM
STUDENTS/ TEACHERS/ ALUMNI/ EMPLOYERS

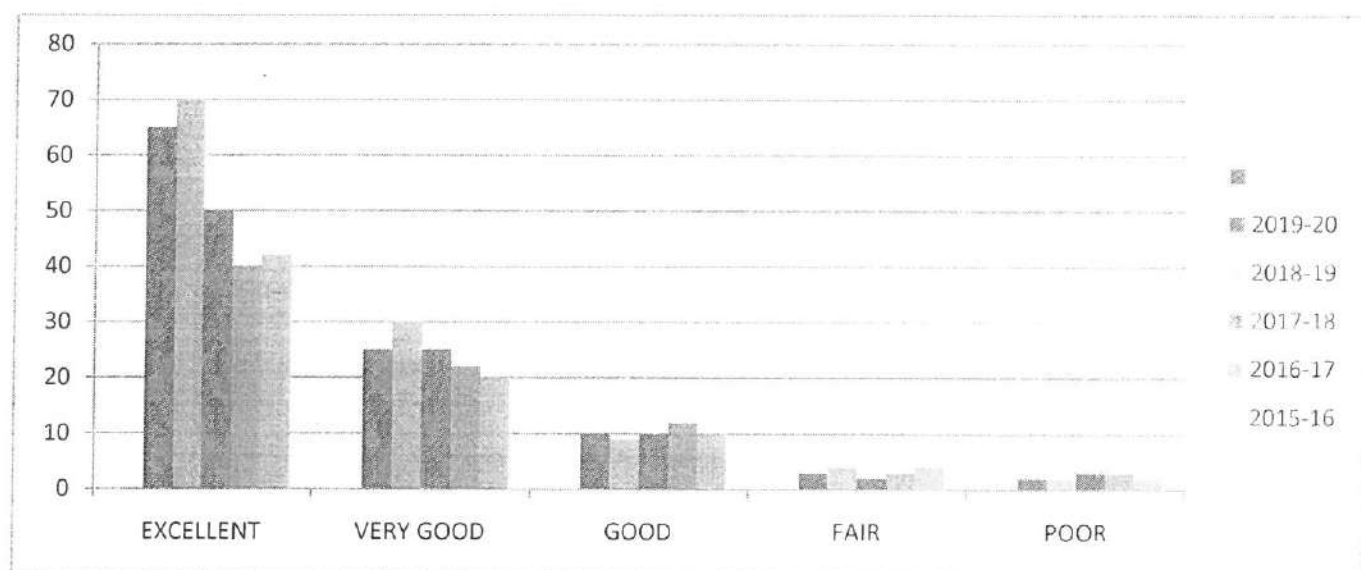
S.No	2019-20	2018-19	2017-18	2016-17	2015-16
STUDENTS	292	246	182	210	235
TEACHERS	39	46	61	70	74
ALUMNI	34	29	50	54	41
EMPLOYERS	21	21	24	29	30




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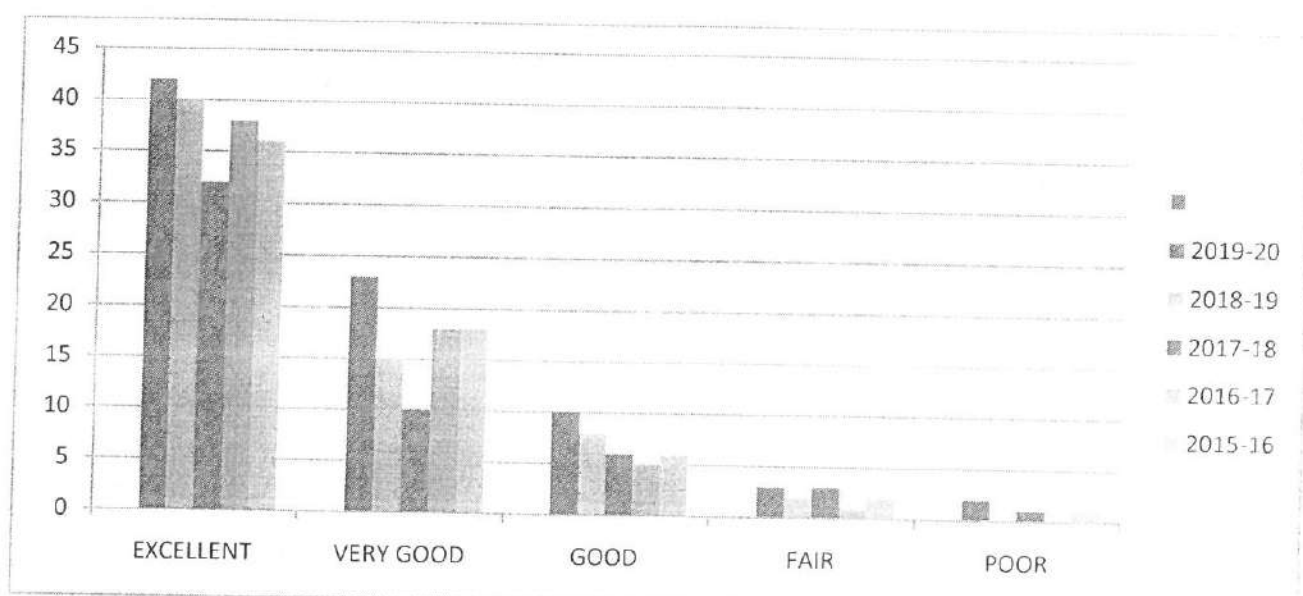
STUDENT FEEDBACK ANALYSIS ON CURRICULUM

CSE	EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2019-20	65	25	10	3	2
2018-19	70	30	9	4	2
2017-18	50	25	10	2	3
2016-17	40	22	12	3	3
2015-16	42	20	10	4	2



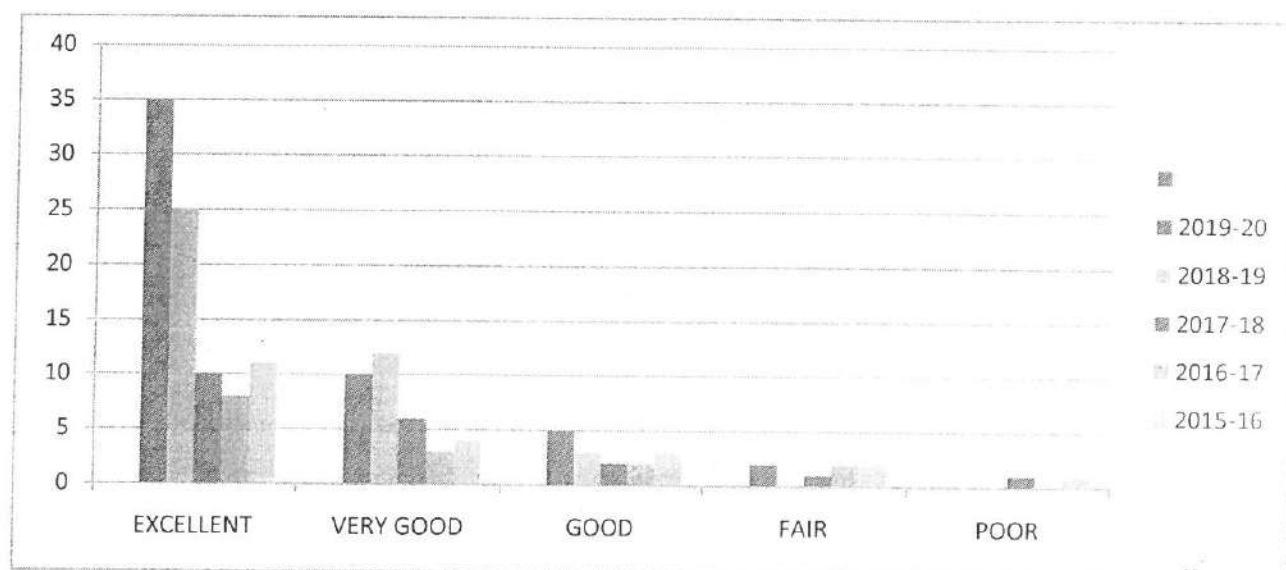

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ECE	EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2019-20	42	23	10	3	2
2018-19	40	15	8	2	0
2017-18	32	10	6	3	1
2016-17	38	18	5	1	0
2015-16	36	18	6	2	1



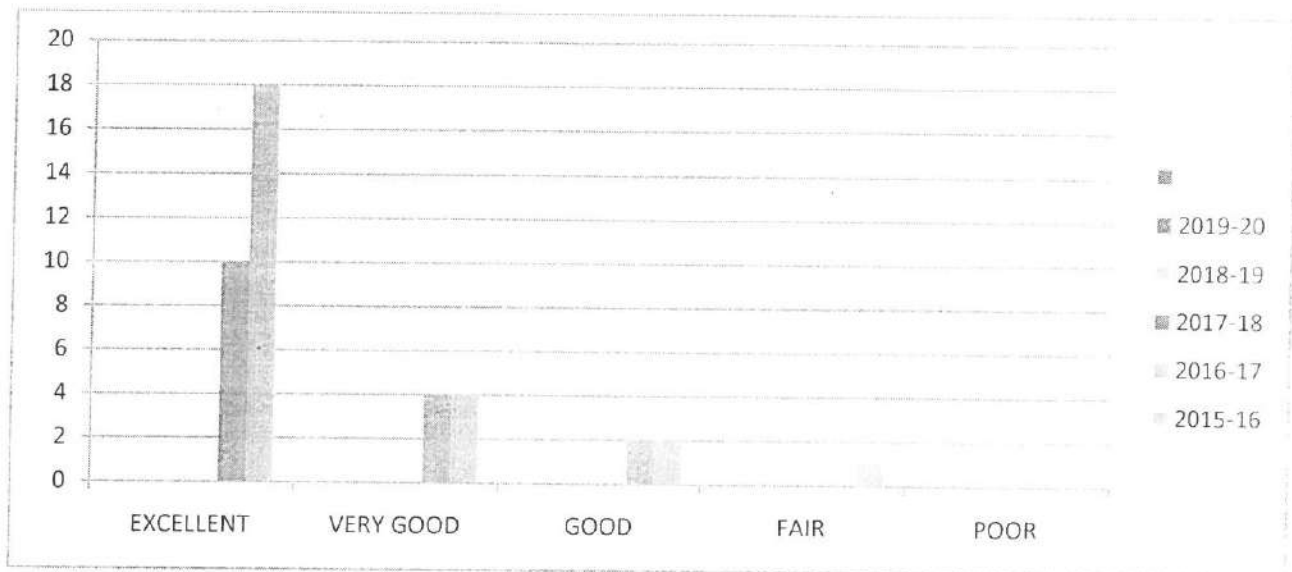
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EEE	EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2019-20	35	10	5	2	0
2018-19	25	12	3	0	0
2017-18	10	6	2	1	1
2016-17	8	3	2	2	0
2015-16	11	4	3	2	1



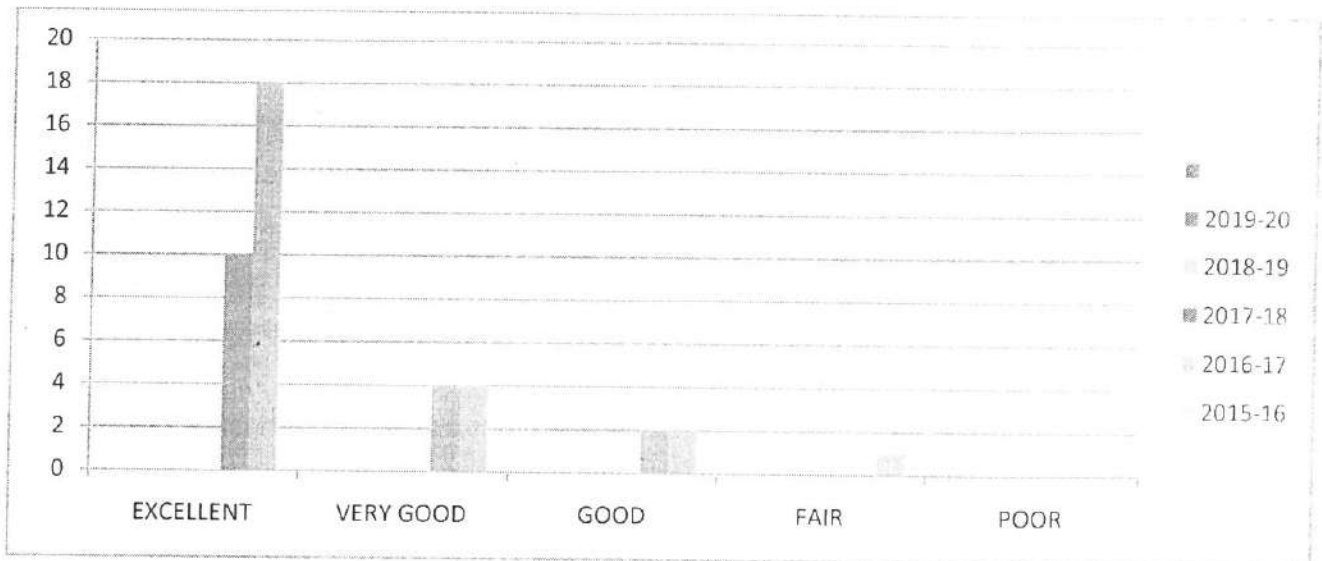
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MBA	EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2019-20	35	8	6	3	3
2018-19	15	6	3	2	0
2017-18	12	6	2	0	0
2016-17	14	5	2	0	0
2015-16	15	6	1	0	0



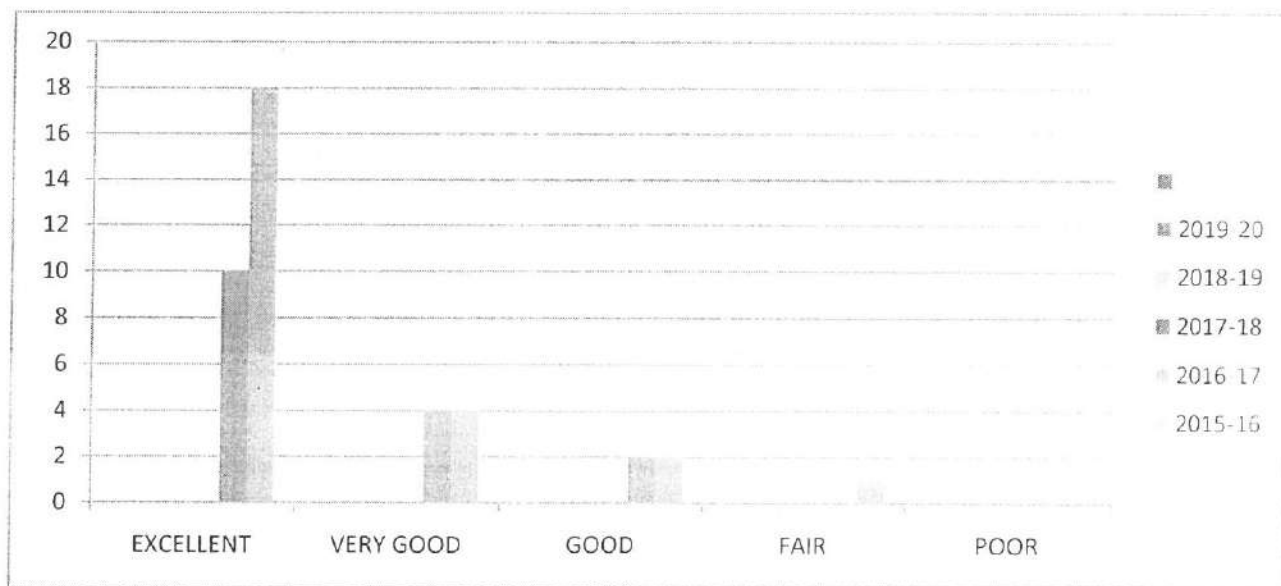
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CE	EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2019-20	0	0	0	0	0
2018-19	0	0	0	0	0
2017-18	0	0	0	0	0
2016-17	10	5	1	0	0
2015-16	16	8	2	0	0



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MECH	EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2019-20	0	0	0	0	0
2018-19	0	0	0	0	0
2017-18	0	0	0	0	0
2016-17	10	4	2	0	0
2015-16	18	4	2	1	0



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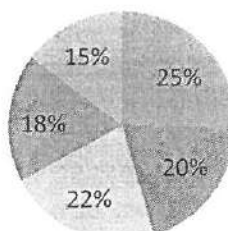


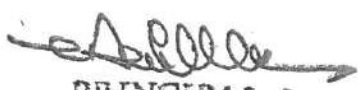
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CRITERIA-1.4.1 FEEDBACK ANALYSIS
EMPLOYERS FEEDBACK ON CURRICULUM 2019-2020

S.No	Question	Substantial 3	Moderate 2	Slight 1
1	Technical Competency	15	6	0
2	Leadership and professional ethics	10	10	1
3	Self motivation	11	10	0
4	Proficiency in soft skills	8	12	1
5	Innovative Ideas Generation	9	11	1

2019-20

- 1 Technical Competency
- 2 Leadership and professional ethics
- 3 Self motivation
- 4 Proficiency in soft skills
- 5 Innovative Ideas Generation




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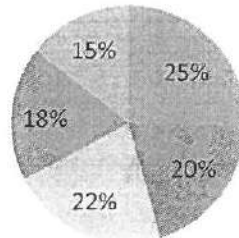
CRITERIA-1.4.1 FEEDBACK ANALYSIS


EMPLOYERS FEEDBACK ON CURRICULUM 2018-2019

S.No	Question	Substantial 3	Moderate 2	Slight 1
1	Technical Competency	14	6	1
2	Leadership and professional ethics	10	10	1
3	Self motivation	12	9	0
4	Proficiency in soft skills	10	11	0
5	Innovative Ideas Generation	9	11	1

2018-19

- 1 Technical Competency
- 2 Leadership and professional ethics
- 3 Self motivation
- 4 Proficiency in soft skills
- 5 Innovative Ideas Generation




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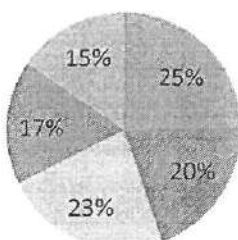


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CRITERIA-1.4.1 FEEDBACK ANALYSIS
EMPLOYERS FEEDBACK ON CURRICULUM 2017-2018

S.No	Question	Substantial 3	Moderate 2	Slight 1
1	Technical Competency	14	10	0
2	Leadership and professional ethics	11	12	1
3	Self motivation	12	11	1
4	Proficiency in soft skills	10	13	1
5	Innovative Ideas Generation	8	15	1

2017-18

- 1 Technical Competency
- 2 Leadership and professional ethics
- 3 Self motivation
- 4 Proficiency in soft skills
- 5 Innovative Ideas Generation



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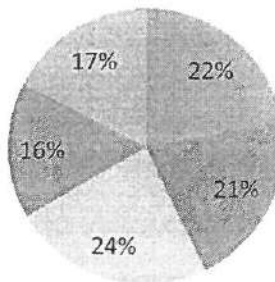


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CRITERIA-1.4.1 FEEDBACK ANALYSIS
EMPLOYERS FEEDBACK ON CURRICULUM 2016-2017

S.No	Question	Substantial 3	Moderate 2	Slight 1
1	Technical Competency	16	12	1
2	Leadership and professional ethics	13	15	1
3	Self motivation	15	14	0
4	Proficiency in soft skills	11	16	2
5	Innovative Ideas Generation	10	17	2

2016-17

- 1 Technical Competency
- 2 Leadership and professional ethics
- 3 Self motivation
- 4 Proficiency in soft skills
- 5 Innovative Ideas Generation



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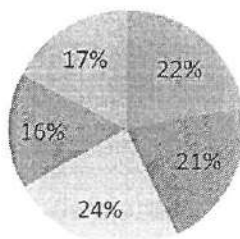


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CRITERIA-1.4.1 FEEDBACK ANALYSIS
EMPLOYERS FEEDBACK ON CURRICULUM 2015-2016

S.No	Question	Substantial 3	Moderate 2	Slight 1
1	Technical Competency	14	16	0
2	Leadership and professional ethics	13	16	1
3	Self motivation	15	14	1
4	Proficiency in soft skills	10	18	2
5	Innovative Ideas Generation	11	16	3

2015-16

- 1 Technical Competency
- 2 Leadership and professional ethics
- 3 Self motivation
- 4 Proficiency in soft skills
- 5 Innovative Ideas Generation



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DEPARTMENTWISE ACTION TAKEN REPORT ON FEEDBACK



ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2019-2020

1.Course:	B.Tech (CSE) R18 Regulations
2.Subjects:	1. Artificial intelligence & Machine learning 2.Data Science 3. Deep learning 4. Fog computing 5. Android Application
3.Recomendations:	1. Curriculum should be based on recent trends in software development. In this regard, AI&ML, Data Science, Deep learning Fog computing and Android application related courses can be introduced in the Curriculum in order to increase job opportunities for the students. 2. Related to automates analytical model building, AI&ML concepts may be introduced. 3. Related to data mining, machine learning ,Data analytics and big data, Data Science may be included. 4. Related to neural networks, Deep learning may be included. 5. Related to storage, and network connectivity, Fog computing may be included. 6. Related to Web Technologies and Project work, Course on Android Application may be introduced.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forthcoming Syllabus revision.





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Ibrahimpattam-501506, Hyderabad
Department Of Computer Science & Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2018-2019**

1.Course:	B.Tech (CSE) R16 Regulations
2.Subjects:	1.Python Programming 2.R Programming 3.Machin learning 4.Android Development Course 5..Net technology 6.Data Science
3.Recamendations:	1 College should estimate the need of industries and provide additional inputs for improving employability by including courses like Python programming, R programming, Machine Learning, NET Technology and Android Development. 2. Related to Data Mining and Data Analytics, Daa Science for engineers may be introduced to satisfy the a test industrial needs
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forthcoming Syllabus revision


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SCIENT INSTITUTE OF TECHNOLOGY
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Department Of Computer Science & Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2017-2018**

1.Course:	B.Tech (CSE) R15 Regulations
2.Subjects:	1. Big Data Analytics 2. Internet of Things (IOT) 3. Mobile Application Development 4. Cyber Security 5. Mat Lab Programming
3.Recamendations:	1 For the new current revised syllabus, there should be more industry exposure and hence the courses like big Data Analytics, Internet of Things Mobile Application Development. Cyber Security and MAT Lab programming are to be added to enrich the learning. 2. The students suggested more industry exposure based courses as mention above to be included
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .


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Department Of Computer Science & Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2016-2017**

1.Course:	B.Tech (CSE) R15 Regulations
2.Subjects:	1. Cloud Computing 2. Internet of Things 3. Computer Organization practical lab 4. SAP Course
3.Recommendations:	1. Apart from regular subject knowledge, additional inputs in the form of courses like cloud computing, Internet of things, Computer Organization Lab, SAP can be provided to the students which are suitable for them to work hands-on in the industry 2. Internship can be made mandatory for the students. 3. MOOC course can be made mandatory. 4. Courses on aptitude Communication skills can be introduced.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .





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Department Of Computer Science & Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2015-2016**

1.Course:	B.Tech (CSE) R15 Regulations
2.Subjects:	<ol style="list-style-type: none">1. Artificial Intelligence2. Computer Forensics3. Software Process Management4. Image Processing and Pattern Recognition5. Big Data Analytics using Hadoop Technology6. Mobile Computing
3.Recommendations:	<ol style="list-style-type: none">1. The content of the syllabus should also incorporate certain important subjects like Artificial Intelligence, Computer Forensics, Software project Management and Image Processing and Pattern Recognition.2. This will help the students to develop more innovative projects which will be useful for the society.3. Related to Data Mining and Data Warehousing, Big Data Analytics using Hadoop Technology may be introduced in the curriculum which will help the students to learn recent technology.4. Related to Mobile Computing, Mobile Application Development may be introduced.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forthcoming syllabus revision .


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SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpatnam-501506, Hyderabad
Department of Electronics & Communication Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2019-2020**

1.Course:	B.Tech (ECE) R16 Regulations
2.Subjects:	1.Embedded systems design 2.Advance antenna design 3.Appitute and communication skills course 4.MOOC Certification
3.Recamendations:	1.Curriculum should include laboratory practice for Embedded systems design and advanced antenna design courses 2. Improvement in aptitude training and communication skills needs to be increased. Internships on advanced subjects need to be Improved 3. As more job opportunities are there for the students who are completing MOOCS NPTEL certification, MOOC NPTEL Courses can be made compulsory from II year onwards
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .

A. Jhausi
HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
SNTI





SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattam-501506, Hyderabad
Department of Electronics & Communication Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2018-2019**

1.Course:	B.Tech (ECE) R16 Regulations
2.Subjects:	1 Cloud Computing 2. Navigation System and sensors 3. SAP Course
3.Recamendations:	1. College should estimate the need of Industries and Provide additional Inputs for improving employability by including courses like Cloud Computing 2 Related to Navigation Systems and sensors course for engineers may be introduced to satisfy the latest Industrial needs 3. Training on advanced subjects such as SAP needs to increase order to satisfy the current job requirements.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .



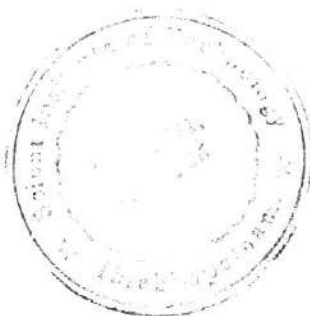
A. Jhaug
HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
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Ibrahimpattanam-501506, Hyderabad
Department Of Electronics & Communication Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2017-2018**

1.Course:	B.Tech (ECE) R16 Regulations
2.Subjects:	<ol style="list-style-type: none">1. Cognitive Network and Sensing and Big data2. Internet of Things3. Advanced sensors and Interface4. Mobile Application Development5. MATLAB Programming and High frequency simulation.6. VLSI Laboratory.7. Pattern Recognition and Machine learning
3.Recommendations:	<ol style="list-style-type: none">1. Apart from regular subject knowledge, additional inputs in the form of courses like Advanced sensors, Internet of things, Cognitive networks and big data, SAP can be provided to the students which are suitable for them to work hands-on in the industry2. Internship can be made mandatory for the students3. MOOC course can be made mandatory4. Courses on aptitude Communication skills can be introduced.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forthcoming syllabus revision .



A. Jhausi
HEAD OF THE DEPARTMENT
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Department of Electronics & Communication Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2016-2017**

1.Course:	B.Tech (ECE) R16 Regulations
2.Subjects:	1.Introduction to Advanced microprocessors 2. Advance digital communication laboratory 3.Basic signal processing Lab
3.Recomendations:	1. The content of the syllabus should also incorporate certain Important Subjects like Advanced microprocessors, signal processing 2.Related to Advanced digital communication laboratory may be Introduced.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .

Subramanyam
HEAD OF THE DEPARTMENT
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SCIENT INSTITUTE OF TECHNOLOGY
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Department Of Electrical & Electronics Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2019-2020**

1.Course:	B.Tech (EEE) R16 Regulations
2.Subjects:	1. Linear Systems Analysis 2. Switched Mode Power Supplies 3. Special Machines
3.Recommendations:	1, College should estimate the need of industries and provide additional Inputs for improving employability by including courses like Linear Systems Analysis, Switched Mode Power, and Special Machines.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .



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SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattam-501506, Hyderabad
Department Of Electrical & Electronics Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2018-2019**

1.Course:	B.Tech (EEE) R16 Regulations
2.Subjects:	1. Wind Solar, Hybrid Energy systems 2. Power electronic Converters for Renewable Energy
3.Recommendations:	1.Subjects Like Wind Solar, Hybrid Energy systems, Power electronic Converters for Renewable Energy as present technology is majorly depends on Renewable energy sources & most of power generation in future is depends on renewable energy sources these subjects will give you more knowledge according Technology Internship can be made mandatory for the students. 2. MOOC course can be made mandatory. 3. Courses on aptitude Communication skills can be introduced.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .


HEAD OF THE DEPARTMENT
DEPARTMENT OF EEE
SNTI





SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattanam-501506, Hyderabad
Department Of Electrical & Electronics Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2017-2018**

1.Course:	B.Tech (EEE) R16 Regulations
2.Subjects:	1. VLSI Design 2. Smart Electric Grid
3.Recommendations:	College should estimate the need of industries and provide additional inputs for improving employability by including courses like VLSI Design, Smart Electric Grid. Alumni studying in IITS and NITS have brought to our notice that it is very difficult to design projects and it is hard to prepare Competitive Exams like GATE, IES, PSUs etc
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .


HEAD OF THE DEPARTMENT
DEPARTMENT OF EEE
SNTI






SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpatnam-501506, Hyderabad
Department Of Electrical & Electronics Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2016-2017**

1.Course:	B.Tech (EEE) R16 Regulations
2.Subjects:	1. Gender Sensitization. 2. Professional Ethics
3.Recommendations:	1. To provide an integrated and interdisciplinary approach to understand the Social and Cultural Constructions of gender that shapes the experiences women and men in society TO generate the awareness in regard to equality in law, social systems and democratic activities. 2.The scope of ethics indicates its Subject matter Ethics as normative science deals with moral ideal or the good in order to enquire the nature of our conduct. It enquires into the nature of the springs of actions, motives, intentions, voluntary actions and so on. It determines rightness or wrongness of human actions.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .


HEAD OF THE DEPARTMENT
DEPARTMENT OF EEE
SNTI



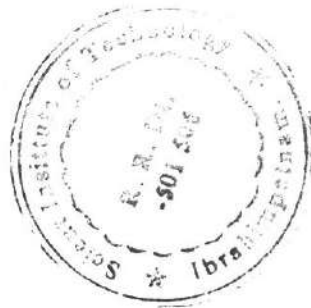


SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattam-501506, Hyderabad
Department of Electrical & Electronics Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2015-2016**

1.Course:	B.Tech (EEE) R16 Regulations
2.Subjects:	1.Artificial Neural Networks 2. Fuzzy Logic Controller 3.Electrical Estimation and Costing 4.Digital control systems
3.Recomendations:	1.The content of the syllabus should also incorporate certain important subjects like Artificial Intelligence. 2. For Improving Practical Knowledge on estimation & Costing of Electrical Equipments 3.TO Improve the scope of research subjects like Digital Control systems has to be included
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forthcoming syllabus revision .


HEAD OF THE DEPARTMENT
DEPARTMENT OF EEE
SNTI

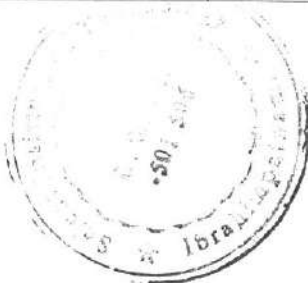




SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattam-501506, Hyderabad
Department Of Mechanical Engineering

ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2016-2017

1.Course:	B.Tech (Mech) R13 Regulations
2.Subjects:	1. Instrumentation and Control Systems 2.CAD/CAM 3.FME
3.Recommendations:	1 For the new current revised syllabus, there should be more industry exposure and hence the courses like of Missiles computer integrated Testing manufacturing, advances in FME are to be added to enrich the learning 2. The students suggested more industry exposure based courses as mention above to be included.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .





HEAD OF THE DEPARTMENT
DEPARTMENT OF MECHANICAL
SNTI



SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattam-501506, Hyderabad
Department Of Mechanical Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2015-2016**

1.Course:	B.Tech (Mech) R13 Regulations
2.Subjects:	1.CAD/CAM 2.FME 3.Production Technology
3.Recomendations:	1.Apart from regular subject knowledge, additional inputs in the form of courses like FMS AND Group Technology, Bio Medical application of Additive Mfg Technology can be provided to the students which are suitable for them to work hands-on in the industry. 2. Internship can be made mandatory for the students. 3. MOOC course can be made mandatory. 4. Courses, on aptitude Communication skills can be introduced.
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .


HEAD OF THE DEPARTMENT
DEPARTMENT OF MECHANICAL
SNTI





SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattam-501506, Hyderabad
Department Of Civil Engineering

ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2016-2017

1.Course:	B.Tech (Civil) R13 Regulations
2.Subjects:	Design Of Steel & Reinforced Concrete Structures
3.Recommendations:	<p>1. Scope of a teacher's assessment marks in the form for a minor Project in structural engineering design may be introduced to solve real-life problems for calculating the various combination of loads. This will increase the level of attainment of PO (Program Outcomes) and a higher level of cognitive learning.</p> <p>2. Scope of a minor project in 7th sem structure Engineering design may be introduced to design of a complete residential building from footing to top slab. This will increase the level of attainment of Po (Program Outcomes) and a higher level of cognitive learning</p> <p>3. Design of a deep beam, curved beam and torsion consideration should also be introduced.</p> <p>4. Flat slab is being extensively used in the industry it should be introduced in the syllabus.</p>
4.Action:	The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .


HEAD OF THE DEPARTMENT
DEPARTMENT OF CIVIL
SNTI






SCIENT INSTITUTE OF TECHNOLOGY
Ibrahimpattanam-501506, Hyderabad
Department Of Civil Engineering

**ACTION TAKEN BASED ON STAKEHOLDERS FEEDBACK FOR ENRICHMENT OF CURRICULUM
2015-2016**

1.Course:	B.Tech (Civil) R13 Regulations
2.Subjects:	Civil Engineering Drawing
3.Recommendations:	<p>The Alumni who have started their own consultancy firm, we have informed us regarding problem they are facing during initial days of their work is the insufficient knowledge and practical exposure to real life project during course. The level of learning is below par to be applied in practice. This is a serious issue which can be addressed by reform in the preset curriculum following gaps and syllabus related issues have been identified and the modifications are suggested for kind consideration:</p> <ol style="list-style-type: none">1.Minor Project: To draw detailed drawing as per Nagar Nigam Norms and standards using AutoCAD and mini drafter.2.Introduction to National Building Code: As NBC is used in practice by consultants, architects etc. Knowledge of the same is must for students.3.Detailing of Trusses and Roofs, Industrial Roof. Basic information about trusses should be known in second year4.Computer Aided Drafting Software can be included in 3 sem where the students can learn basic command and elementary drawing. In 4 sem the students should be able to use soft tools for making 2D and 3D view of buildings
4.Action:	<p>The departmental recommendation based on the feedback from various stakeholders are compiled and sent to the University for their consideration in the forth coming syllabus revision .</p>


HEAD OF THE DEPARTMENT
DEPARTMENT OF CIVIL
SNTI



COMMUNICATION WITH THE JNTUH-BOS



SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Ref:

Date:24/04/2019

4428/

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

SUB: SCIENT INSTITUTE OF TECHNOLOGY, COMPUTER SCIENCE AND ENGINEERING
Dept.-Requesting to incorporate latest technologies/New courses as part of JNTUH Curriculum for the
academic year-2019-2020 -for enhancement of employment opportunities for students-Reg

I would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts has been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result, if the University can take the initiative of introducing the following technologies which are being used widely in the industry.

1. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
2. DATA SCIENCE
3. DEEP LEARNING
4. FOG COMPUTING
5. ANDROID APPLICATION

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

I Hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum, by forwarding to the BOS of CSE dept, JNTUHCE, Hyderabad.

Thanking you Sir,

Yours Faithfully,

HOD CSE, SENTI.





SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in. E-mail : scient_insteng@yahoo.co.in

Ref:

Date:22/05/2018

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

4429/

Sir,

SUB: SCIENT INSTITUTE OF TECHNOLOGY , COMPUTER SCIENCE AND ENGINEERING
Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH Curriculum for the
academic year 2018-2019 , for enhancement of employment opportunities for students-Reg

I would like to bring the following for your kind perusal and favorable action through board of
studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable
employment after the completion of their graduation. Though lot of efforts have been taken up by the
colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution
University, industry, parents would bring fruitful result, if the University can take the initiative of
introducing the following technologies which are being used widely in t industry.

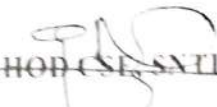
- 1.Python Programming
- 2.R Programming
- 3.Machine learning
- 4.Android Development Course
- 5..Net technology
- 6.Data Science

These technologies would certainly enable majority of the engineering graduates for
employment Training support can be taken from the industries.

I Hope you would consider my request and take initiative in introducing the above
mentioned technologies as part of JNTUH curriculum, by forwarding to the BOS of CSE dept,
JNTUHCE, Hyderabad.

Thanking you Sir,

Yours Faithfully,


HOD CSE, SNTL





Ref:

Date: 27/05/2017

4430/

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

SUB: SCIENT INSTITUTE OF TECINOLOGY , COMPUTER SCIENCE AND ENGINEERING
Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH Curriculum for the academic year 2017-2018 , for enhancement of employment opportunities for students-Reg

I would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result. if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

1. Big Data Analytics
2. Internet of Things (IOT)
3. Mobile Application Development
4. Cyber Security
5. Mat Lab Programming

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum, by forwarding to the BOS of CSE dept. JNTUHCE, Hyderabad.

Thanking you Sir,

Yours Faithfully,


HOD CSE, SNTL



Ref:**Date:16/05/2016**

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

4431/

Sir,

SUB: SCIENT INSTITUTE OF TECINOLOGY , COMPUTER SCIENCE AND ENGINEERING
Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH Curriculum for the academic year 2016-2017 , for enhancement of employment opportunities for students-Reg

I would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result, if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

1. Cloud Computing(III Year)
2. Internet of Things(IV Year)
3. Computer Organization practical lab
- 4.CBCS(choice based credit system)
- 5.Industry supporting Laboratories (III Year)
- 6.Aptitude Communication skills audit courses(I year)
- 7.Internship as mandatory course (III Year)
- 8.MOOC mandatory course (III Year)
- 9.System applications and Products(SAP course)

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum, by forwarding to the BOS of CSE dept. JNTUHCE, Hyderabad.

Thanking you Sir,

Yours Faithfully,


HOD CSE, SATI





Ref:

1579/1

Date:20/04/2019

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,
**SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRONICS AND COMMUNICATION
ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH
Curriculum for the academic year 2019-2020 , for enhancement of employment opportunities for
students-Reg**

I would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result, if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

- 1.Embeddedsystems design laboratory**
- 2.Advance antenna design laboratory**
- 3.Appitude and communication skills course(I Year onwards)**
- 4.Internship as mandatory course (III Year)**
- 5.MOOC Certification**

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

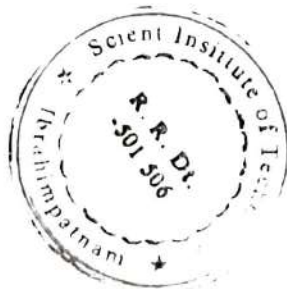
I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,

HOD ECE, SNTI.

A. Shanee





Ref:

Date:11/04/2018

1580/

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRONICS AND COMMUNICATION
ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH
Curriculum for the academic year 2018-2019 , for enhancement of employment opportunities for
students-Reg

I would like to bring the following for your kind perusal and favorable action through board of
studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable
employment after the completion of their graduation. Though lot of efforts have been taken up by the
colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution
University, industry, parents would bring fruitful result, if the University can take the initiative of
introducing the following technologies which are being used widely in t industry.

- 1 Cloud Computing Techniques (III Year)
2. Navigation System and sensors (IV Year)
3. Navigation System and sensors laboratory (IV Year)

These technologies would certainly enable majority of the engineering graduates
for employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above
mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,

HOD ECE, SNTI.

A. Shanu





SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Ref:

Date: 14/04/2017

1581/

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRONICS AND COMMUNICATION ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH Curriculum for the academic year 2017-2018 , for enhancement of employment opportunities for students-Reg

I would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result. if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

1. Cognitive Network ad Sensing and Big date
2. Internet of Things
3. Advanced sensors and Interface
4. Mobile Application Development
5. MATLAB Programming and High frequency simulation lab
6. VLSI Laboratory.
7. Pattern Recognition and Machine learning

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,

HOD ECE, SNTI.

A. Shansi





Ref:

Date:18/04/2016

1522//

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRONICS AND COMMUNICATION ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH Curriculum for the academic year 2016-2017 , for enhancement of employment opportunities for students-Reg

I would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result, if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

- 1.Introduction to Advanced microprocessors
2. Advance digital communication laboratory
- 3.Basic signal processing Lab

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

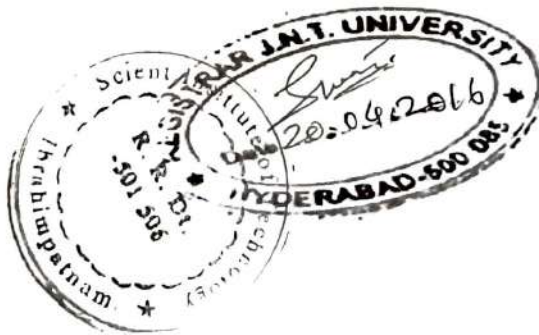
I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,

HOD ECE, SNTI.

A. Jhang





Ref:

Date:17/04/2015

1583/

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRONICS AND COMMUNICATION
ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH
Curriculum for the academic year 2015-2016 , for enhancement of employment opportunities for
students-Reg

I would like to bring the following for your kind perusal and favorable action through board of
studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable
employment after the completion of their graduation. Though lot of efforts have been taken up by the
colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution
University, industry, parents would bring fruitful result, if the University can take the initiative of
introducing the following technologies which are being used widely in t industry.

- 1.Introduction to advanced Microprocessors(80186, 80286, Pentium)
- 2.Advanced microprocessor laboratory
- 3.Advanced digital communication laboratory
- 4.Basic signal processing laboratory

These technologies would certainly enable majority of the engineering graduates for
employment Training support can be taken from the industries.

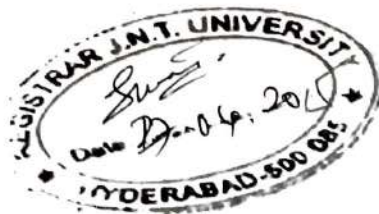
I hope you would consider my request and take initiative in introducing the above
mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,

HOD ECE, SNTI.

A. Jhangri





SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Ref:

Date:02/07/2019

27337/2

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,
SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRICAL & ELECTRONICS
ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH
Curriculum for the academic year 2019-2020 , for enhancement of employment opportunities for
students-Reg

We would like to bring the following for your kind perusal and favorable action through board of
studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable
employment after the completion of their graduation. Though lot of efforts have been taken up by the
colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution
University, industry, parents would bring fruitful result, if the University can take the initiative of
introducing the following technologies which are being used widely in t industry.

1.IV-I- HVE (HIGH VOLTAGE ENGINEERING)

- a).Latest Trends in HVE
- b). Gas as insulating media
- c).Onlineandoffline tap changers
- d). Testing of HV transformer

IV-I-EDS(Electrical Distribution Systems)

- a).Typesof subtransmission systems
- b)radial andloop type of primary feeders
- c)Types of substation buses

2. III-II- EMI(Electrical Measuring Instrumentation)

- a). Measurement of mutual inductance by cambel bridge

3.III-I- PS-II(Power systems-II)

- a). Effect of ground capacitance
- b).Skin , Proximity and Ferranti effect

These technologies would certainly enable majority of the engineering graduates for
employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above
mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,

HOD ECE, SNTI

A. shamsi





SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Ref:

Date:04/07/2018

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRICAL & ELECTRONICS ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH Curriculum for the academic year 2018-2019 , for enhancement of employment opportunities for students-Reg

We would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result, if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

1.IV-I- HVE (HIGH VOLTAGE ENGINEERING)

- a).Latest Trends in HVE
- b). Gas as insulating media
- c).Onlineandoffline tap changers
- d). Testing of HV transformer

IV-I-EDS(Electrical Distribution Systems)

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- c)Types of substation buses

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- a). Measurement of mutual inductance by cambel bridge

3.III-I- PS-II(Power systems-II)

- a). Effect of ground capacitance
- b).Skin , Proximity and Ferranti effect

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,
Yours Faithful,
HOD-EEE



Ref:

Date:03/07/2017

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,
SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRICAL & ELECTRONICS
ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH
Curriculum for the academic year 2017-2018 , for enhancement of employment opportunities for
students-Reg

We would like to bring the following for your kind perusal and favorable action through board of
studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable
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colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution
University, industry, parents would bring fruitful result, if the University can take the initiative of
introducing the following technologies which are being used widely in t industry.

IV-I-EDS(Electrical Distribution Systems)

- a).Typesof subtransmission systems
- b)radial andloop type of primary feeders
- c)Types of substation buses

2. II-II- (CONTROL SYSTEMS)

- a). Polar plot and nyquist criterion

3.II-I- Electrical Machines-I

- a). Scott connection of transformers

These technologies would certainly enable majority of the engineering graduates for
employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above
mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,

HOD EEE





Ref:

Date: 04/07/2016

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

7320/2

Sir,

**SUB: SCIENT INSTITUTE OF TECINOLOGY , ELECTRICAL & ELECTRONICS
ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH
Curriculum for the academic year 2016-2017 , for enhancement of employment opportunities for
students-Reg**

We would like to bring the following for your kind perusal and favorable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result, if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

1. IV-I-EDS(Electrical Distribution Systems)
 - a). Types of sub transmission systems
 - b).Radial and loop type of primary feeders
 - c).Types of substation buses
2. II-II- (CONTROL SYSTEMS)
 - a). Polar plot and nyquist criterion
- 3.II-I- Electrical Machines-I
 - a). Scott connection of transformers
4. III-I-Electrical Measurement lab
- 5.III-II-SGP(Switch Gear and Protection)
 - a) First aid practice for fatal electrical accidents
 - b) Overhead safety lines protection to farmers
 - c) Domestic electrical safety

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,





SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Ref:

Date:03/07/2015

To The Registrar
JNTUH UNIVERSITY, Kukatpally
HYDERABAD-500085

Sir,

**SUB: SCIENT INSTITUTE OF TECINOLOGY, ELECTRICAL & ELECTRONICS
ENGINEERING Dept -Requesting to incorporate latest technologies/New courses as part of JNTUH
Curriculum for the academic year 2015-2016 , for enhancement of employment opportunities for
students-Reg**

We would like to bring the following for your kind perusal and favourable action through board of studies concerned

This is to bring your kind attention that the engineering students are unable to get suitable employment after the completion of their graduation. Though lot of efforts have been taken up by the colleges and the University, all our efforts go in vain. The efforts of all stakeholders like institution University, industry, parents would bring fruitful result, if the University can take the initiative of introducing the following technologies which are being used widely in t industry.

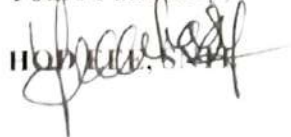
1. IV-I-EDS(Electrical Distribution Systems)
 - a) Types of sub transmission systems
 - b) Radial and loop type of primary feeders
 - c) Types of substation buses
- 2.IV-I-SGP(Switch Gear and Protection)
 - a) First aid practice for fatal electrical accidents
 - b) Overhead safety lines protection to farmers
 - c) Domestic electrical safety
3. IV-I-UEE (Utilization of Electrical Energy)
 - a) System of electric traction.
 - b) Traction electrification in India,Problems
 - c) AC& DCwelding

These technologies would certainly enable majority of the engineering graduates for employment Training support can be taken from the industries.

I hope you would consider my request and take initiative in introducing the above mentioned technologies as part of JNTUH curriculum.

Thanking you Sir,

Yours Faithfully,


IBRAHIMPATNAM





SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Date: 15/07/2016

Place: IBRAHIMPATNAM

To

The Registrar

Board of studies, Dept of Mech

JNTU Hyderabad.

1016/

Sub: some Inputs and suggestions Regarding B.Tech, Mech II,III,IV year curriculum gaps and request to bridge the gap regarding.

Dear Sir,

In view of the above cited, I hereby put forward the following changes/suggestions in Mechanical Department for your kind sanction of the courses in the defined JNTUH curriculum of the B.Tech, programme need to have a correlation to the programme outcomes of the B.Tech mechanical programme.

The department advisor committee has identified the following curriculum gaps which need the possible addition of new contents/add on courses in the curriculum to bridge the gap and better attain certain program outcomes.

S.no	Courses	Gaps In The Syllabus	Year/sem	Applications	Remarks
1	Manufacturing process	Advances in Welding Technologies	2/2	Industry	
2	Industrial Management	Geometrical dimensioning and tolerance	4/1	GATE/IES	
3	Metrology and machine tools	Quality in Engineering in production advances in metrology in aerospace manufacturing	3/1	Industry	

A kind consideration for inclusion of above gaps in the curriculum so as to meet the PO's

Thanking you



PRINCIPAL

Scient Institute of Technology
Ibrahimpatnam, R. R, Dt.-501 506



SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Date: 23/12/2016

Place: IBRAHIMPATNAM

To

The Registrar

Board of studies, Dept of Mech

JNTU Hyderabad.

1515/

Sub: some inputs and suggestions Regarding B.Tech, Mech II,III,IV year curriculum gaps and request to bridge the gap regarding

Dear Sir,

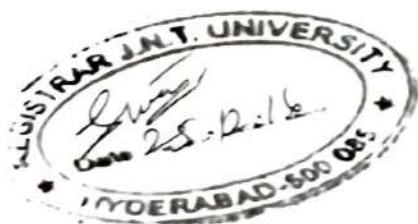
In view of the above cited, I hereby put forward the following changes/suggestions in Mechanical Department for your kind sanction of the courses in the defined JNTUH curriculum of the B.Tech, programme need to have a correlation to the programme outcomes of the B.Tech mechanical programme.

The department advisor committee has identified the following curriculum gaps which need the possible addition of new contents/add on courses in the curriculum to bridge the gap and better attain certain program outcomes.

S.no	Courses	Gaps In The Syllabus	Year/sem	Applications	Remarks
1	Unconventional machining process	Advances in Unconventional machining process	4/1	GATE/IES	
2	Metrology and machine tools	Advance Manufacturing processes	3/1	Industry requirement/IES	
3	Manufacturing process	Advanced NDT techniques	2/2	Industry	
4	CAD/CUM	Metal Map prototyping	4/1	Industry	

A kind consideration for inclusion of above gaps in the curriculum so as to meet the PO's

Thanking you



PRINCIPAL

Scient Institute of Technology
Ibrahimpatnam, R. R. Dt. - 501 506





SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in E-mail : scient_insteng@yahoo.co.in

Date: 11/07/2019

Place: IBRAHIMPATNAM

To
The Registrar
Board of studies, Dept of ECE
JNTU Hyderabad

1614/

Sub: some Inputs and suggestions Regarding B.Tech, ECE II,III,IV year curriculum gaps and request to bridge the gap regarding

Dear Sir,

In view of the above cited, I hereby put forward the following changes/suggestions in ECE Department for your kind sanction of the courses in the defined JNTUH curriculum of the B.Tech, programme need to have a correlation to the programme outcomes of the B.Tech mechanical programme.

The department advisor committee has identified the following curriculum gaps which need the possible addition of new contents/add on courses in the curriculum to bridge the gap and better attain certain program outcomes.

S.no	Courses	Gaps In The Syllabus	Year/sem	Applications	Remarks
1	microprocessors	Advancements in microprocessors	3/1	Micro chips/Industry	
2	VLSI	Advancements in present technologies	3/2	Industry	
3	Advanced sensors and Interface	Advancements in sensors technologies	4/1	Industry	

A kind consideration for inclusion of above gaps in the curriculum so as to meet the PO's

Thanking you




PRINCIPAL

Scient Institute of Technology
Ibrahimpatnam, R. R. DC-501 506



SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

Date: 16/07/2019

Place: IBRAHIMPATNAM

To

1663/,

The Registrar
Board of studies, Dept of CSE
JNTU Hyderabad

Sub: some inputs and suggestions Regarding B.Tech, CSE II,III,IV year curriculum gaps and request to bridge the gap regarding

Dear Sir,

In view of the above cited, I hereby put forward the following changes/suggestions in CSE Department for your kind sanction of the courses in the defined JNTUH curriculum of the B.Tech, programme need to have a correlation to the programme outcomes of the B.Tech mechanical programme.

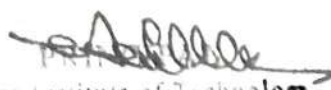
The department advisor committee has identified the following curriculum gaps which need the possible addition of new contents/add on courses in the curriculum to bridge the gap and better attain certain program outcomes.

S.no	Courses	Gaps In The Syllabus	Year/sem	Applications	Remarks
1	Data mining	Advancements in data science	4/1	software	
2	Python programming	NET Technology and Android Development	4/2	software	
3	Machine learning	Data analytics and big data	4/1	software	

A kind consideration for inclusion of above gaps in the curriculum so as to meet the PO's

Thanking you




Scient Institute of Technology
Ibrahimpatnam, R. R. Dt. - 501 506



Date: 18/07/2019

Place: IBRAHIMPATNAM

To

The Registrar
Board of studies, Dept of EEE
JNTU Hyderabad.

1717

Sub: some Inputs and suggestions Regarding B.Tech, EEE II,III,IV year curriculum gaps and request to bridge the gap regarding.

Dear Sir,

In view of the above cited, I hereby put forward the following changes/suggestions in EEE Department for your kind sanction of the courses in the defined JNTUH curriculum of the B.Tech, programme need to have a correlation to the programme outcomes of the B.Tech mechanical programme.


The department advisor committee has identified the following curriculum gaps which need the possible addition of new contents/add on courses in the curriculum to bridge the gap and better attain certain program outcomes.

S.no	Courses	Gaps In The Syllabus	Year/sem	Applications	Remarks
1	Power semiconductor Drives	Advances in Switched mode power supplies	3/2	GATE/IES /Industry	
2	Electrical machines	Special machines	2/2	GATE/IES/ Industry	
3	Power systems	Wind,solar,hybrid energy systems	2/1	GATE/IES/ Industry	

A kind consideration for inclusion of above gaps in the curriculum so as to meet the PO's

Thanking you




PRINCIPAL
Scient Institute of Technology
Ibrahimpatnam, R. R. Dt - 501 506.

ACTION TAKEN BY JNTUH



SCIENT INSTITUTE OF TECHNOLOGY

(Approved by AICTE vide F. No. 730-50-314 (E)/ET/2001 and Affiliated to JNTUH)

IBRAHIMPATNAM, RANGA REDDY DISTRICT- 501 506. TELANGANA

Website : www.scient.ac.in, E-mail : scient_insteng@yahoo.co.in

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.TECH. COMPUTER SCIENCE AND ENGINEERING

IV YEAR COURSE STRUCTURE & SYLLABUS (R16)

Applicable From 2016-17 Admitted Batch

IV YEAR I SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1	CS701PC	Data Mining	4	0	0	4
2	CS702PC	Principles of Programming Languages	4	0	0	4
3		Professional Elective – II	3	0	0	3
4		Professional Elective – III	3	0	0	3
5		Professional Elective – IV	3	0	0	3
6	CS703PC	Data Mining Lab	0	0	3	2
7	CS751PC CS752PC CS753PC CS754PC	PE-II Lab ^{II} Python Programming Lab Mobile Application Development Lab Web Scripting Languages Lab Internet of Things Lab	0	0	3	2
8	CS705PC	Industry Oriented Mini Project	0	0	3	2
9	CS706PC	Seminar	0	0	2	1
		Total Credits	17	0	11	24

IV YEAR II SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1		Open Elective – III	3	0	0	3
2		Professional Elective – V	3	0	0	3
3		Professional Elective – VI	3	0	0	3
4	CS801PC	Major Project	0	0	30	15
		Total Credits	9	0	30	24

Professional Elective – I

CS611PE	Mobile Computing
CS612PE	Design Patterns
CS613PE	Artificial Intelligence
CS614PE	Information Security Management (Security Analyst - I)
CS615PE	Introduction to Analytics (Associate Analytics - I)

Professional Elective - II

CS721PE	Python Programming
CS722PE	Mobile Application Development
CS723PE	Web Scripting Languages
CS724PE	Internet of Things

Professional Elective - III

CS731PE	Graph Theory
CS732PE	Distributed Systems
CS733PE	Machine Learning
CS734PE	Software Process and Project Management

Professional Elective - IV

CS741PE	Computational Complexity
CS742PE	Cloud Computing
CS743PE	Blockchain Technology
CS744PE	Social Network Analysis

Professional Elective - V

CS851PE	Information Theory & Coding
CS852PE	Real-Time Systems
CS853PE	Data Analytics
CS854PE	Modern Software Engineering

Professional Elective - VI

CS861PE	Advanced Algorithms
CS862PE	Web Services and Service Oriented Architecture
CS863PE	Computer Forensics
CS864PE	Neural Networks and Deep Learning

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B.Tech. in COMPUTER SCIENCE AND ENGINEERING

III YEAR COURSE STRUCTURE AND SYLLABUS (R18)

III YEAR I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS501PC	Formal Languages & Automata Theory	3	0	0	3
2	CS502PC	Software Engineering	3	0	0	3
3	CS503PC	Computer Networks	3	0	0	3
4	CS504PC	Web Technologies	3	0	0	3
5		Professional Elective-I	3	0	0	3
6		Professional Elective -II	3	0	0	3
7	CS505PC	Software Engineering Lab	0	0	3	1.5
8	CS506PC	Computer Networks & Web Technologies Lab	0	0	3	1.5
9	EN508HS	Advanced Communication Skills Lab	0	0	2	1
10	*MC510	Intellectual Property Rights	3	0	0	0
		Total Credits	21	0	8	22

III YEAR II SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS601PC	Machine Learning	3	1	0	4
2	CS602PC	Compiler Design	3	1	0	4
3	CS603PC	Design and Analysis of Algorithms	3	1	0	4
4		Professional Elective – III	3	0	0	3
5		Open Elective-I	3	0	0	3
6	CS604PC	Machine Learning Lab	0	0	3	1.5
7	CS605PC	Compiler Design Lab	0	0	3	1.5
8		Professional Elective-III Lab	0	0	2	1
9	*MC609	Environmental Science	3	0	0	0
		Total Credits	18	3	8	22

*MC - Environmental Science – Should be Registered by Lateral Entry Students Only.

Note: Industrial Oriented Mini Project/ Summer Internship is to be carried out during the summer vacation between 6th and 7th semesters. Students should submit report of Industrial Oriented Mini Project/ Summer Internship for evaluation.

Professional Elective-I

Professional Elective-I	
CS511PE	Information Theory & Coding
CS512PE	Advanced Computer Architecture
CS513PE	Data Analytics
CS514PE	Image Processing
CS515PE	Principles of Programming Languages

Professional Elective - II

CS521PE	Computer Graphics
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ΔΡΟΛΟ

Chattopadhyay, K. R. D., 1991.