DEPARTMENT WISE ACTION TAKEN REPORT ON FEEDBACK

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

1.Course	B. Tech (CIVIL) R16 Regulation
2.Subject	1.Rock Machanics 2.pipeline Engineering
3.Recommendations	1.We have informed by alumni regarding problem for the new & current revised syllabus. The courses like, Rock Machanics, pipeline Engineering to be added to enrich the learning.
4. Action	After receiving the feedback from the various stakeholders viz., students, teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF CIVIL

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech
Sheriguda(Vill), Ibrahimpatnam
R R Dist. Telangana -501 510

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

1.Course	B. Tech (CIVIL) R16 Regulation
2.Subject	Design Of Steel & Reinforced Concrete Structures.
3.Recommendations	1. Scope of a teacher's assessment marks in the form for a mini Project in structural engineering design may be introduced to solve real-time problems for calculating the various combinations of loads. 2. Scope of a mini project in 7th semester Structure Engineering design may be introduced to design of a complete residential building from footing to top slab. 3. Design of a deep beam, curved beam and torsion consideration should also be introduced. 4. Flat slab is being extensively used in the industry, it should be introduced in the syllabus.
4. Action	After receiving the feedback from the various stakeholders viz., students, teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF CIVIL

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech
Sheriguda(Vill), Ibrahimpatnam
R R. Dist. Telangana -501 510

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

1.Course	B. Tech (MECH) R16 Regulation
2.Subject	1.Advanced CAD/CAM 2.Advanced Manufacturing Process
3.Recommendations	1. Apart from regular subjects knowledge, additional inputs in the form of courses like Advanced CAD/CAM, Advanced Manufacturing Process 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	After receiving the feedback from the various stakeholders viz., students teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF MECH

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(Vill), Ibrahimpatnam
R R. Dist. Telangana -501 510

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

1.Course	B. Tech (MECH) R16 Regulation
2.Subject	1. Auto Mobile Engineering 2. Quality Control Assurance and Reliability.
3.Recommendations	1. For the current revised syllabus, there should be more Industry exposure and hence the courses like Auto mobile Engineering, Quality Control Assurance and Reliability. to be added to enrich the learning. 2. The students suggested more Industry exposure based courses as mentioned above to be included.
4. Action	After receiving the feedback from the various stakeholders viz., students teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF MECH

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech
Sheriguda(Vill), Ibrahimpatnam
R R. Dist. Telangana -501 510

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

1.Course	B. Tech (ECE) R16 Regulation
2.Subject	1. Introduction to Advanced Microprocessors 2. Microwave and Optical Communications 3. Advance Digital Communication laboratory 4. Microwave and Optical Communications lab
3.Recommendations	1. The content of the syllabus should also incorporate certain Important Subjects like Introduction to Advanced Microprocessors, Microwave and Optical Communications, Advance Digital Communication laboratory, Microwave and Optical Communications lab. 2. Related to Advanced digital communication laboratory may be introduced.
4. Action	After receiving the feedback from the various stakeholders viz.,students, teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF ECE

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech
Sheriguda(Vill), Ibrahimpatnam
R R. Dist. Telangana -501 510

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

1.Course	B. Tech (ECE) R16 Regulation
2.Subject	1.Internet of Things 2.Advanced Sensors and Interface 3.Mobile Communications and Networks 4. MATLAB Programming and High Frequency Simulation. 5. VLSI Laboratory. 6.Advanced Satellite Communications
3.Recommendations	1. Apart from regular subject knowledge, additional inputs in the form of courses like .Internet of Things, Advanced Sensors and Interface, Mobile Communications and Networks , MATLAB Programming and High Frequency Simulation, VLSI Laboratory, Advanced Satellite Communications. 2. Internship can be made mandatory for the student. 3. NPTEL course can be made mandatory. 4. Courses on aptitude Communication skills can be introduced.
4. Action	After receiving the feedback from the various stakeholders viz.,students, teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF ECE

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(Vill), Ibrahimpatnam
R.R. Dist. Telangana -501 510

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

1.Course	B. Tech (ECE) R16 Regulation
2.Subject	1 Cloud Computing 2. Navigation System and Sensors 3. Advance Microprocessors & Microcontrollers 3. Advance Microprocessors & Microcontrollers Lab
3.Recommendations	1. College should estimate the need of Industries and Provide additional Inputs for improving employability by including courses like Cloud Computing, Navigation System and Sensors, Advance Microprocessors & Microcontrollers, Advance Microprocessors & Microcontrollers Lab 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 Advance Microprocessors & Microcontrollers Lab needs to increase order to satisfy the current job Requirement.
4. Action	After receiving the feedback from the various stakeholders viz.,students teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF ECE

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech,
Sheriguda(Vill), Ibrahimpatnam
R R Dist. Telangana -501 510

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

1.Course	B. Tech (CSE) R16 Regulation
2.Subject	1. Artificial Intelligence & Machine Learning 2. Cyber Security 3. Software Process and Project Management 4. Big Data Analytics using Hadoop Technology 5. Mobile Computing
3.Recommendations	1. The content of the syllabus should also incorporate certain important subjects like Artificial Intelligence & Machine learning, Cyber security, Software Process and Project Management and Big Data Analytics using Hadoop Technology and Mobile Computing. 2. This will help the students to develop more innovative projects which will be useful for the society 3. Related to Big Data Analytics using Hadoop Technology may be introduced in the curriculum which will help the students to learn recent technology and get updated. 4. Using Mobile Computing students will be developing Mobile Applications that will help to improve the quality of our lives.
4. Action	After receiving the feedback from the various stakeholders viz.,students, teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus

HEAD OF THE DEPARTMENT

DEPARTMENT OF CSE

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tec
Sheriguda(Vill), Ibrahimpatnam
R R. Dist. Telangana -501 510

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

1.Course	B. Tech (CSE) R16 Regulation
2.Subject	1.Deep Learning 2. Internet of Things 3. Python programming.
3.Recommendations	1. Apart from regular subject knowledge, additional inputs in the form of courses like Deep learning, Internet of things, python programming. Basics of python programming help the students to have hands on experience in the industry. 2. A publication in UGC Approved journals 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	After receiving the feedback from the various stakeholders viz., Students teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF CSE

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Ter
Sheriguda(Vill), Ibrahimpatnam
R.R. Dist. Telangana -501 510

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

1.Course	B. Tech (CSE) R16 Regulation
2.Subject	1. Big Data Analytics 2.Modern Software Engineering 3.Information Security Management 4. Internet of Things lab 5. Mobile Application Development Lab.
3.Recommendations	1.For the current revised syllabus, there should be more industry exposure and hence the courses like big Data Analytics, Modern Software Engineering, Information Security Management, Internet of Things lab, Mobile application development lab 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	After receiving the feedback from the various stakeholders viz., students teaching staff and non teaching staff the recommendation are sent to university for its consideration and approval for upcoming revision of syllabus.

HEAD OF THE DEPARTMENT

DEPARTMENT OF CSE

SIIET

PRINCIPAL
Sri Indu Institute of Engineering & T...
Sheriguda(Vill), Ibrahi...

COMMUNICATION WITH THE JNTUH-BOS

Ref: Date:22-04-2019

To
The Registrar
JNTUH UNIVERSITY, HYDERABAD
HYDERABAD-500085

Sir.

SUB: SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY. ECE Dept.-
Requesting to incorporate latest technologies. New courses as a 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 t industry

        1 Cloud Computing
        2. Navigation System and sensors
        3. ADVANCE Microprocessors & Microcontrollers
        4. Advance Microprocessors & Microcontrollers 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
abovementioned technologies as part of JNTUH curriculum, by forwarding to the BOS of ECE
dept.

                Thanking you Sir,

                                                    Yours Faithfully,

                                                    HOD ECE SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(V), Ibrahimpatnam(M),
R.R Dist. Telangana.-501 510.

Ref :

Date: 16-04-2018

To
The Registrar
JNTUH UNIVERSITY, HYDERABAD
HYDERABAD-500085

Sir.

SUB: SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY. ECE Dept.-
Requesting to incorporate latest technologies. New courses as a 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.

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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 t industry.

1.Internet of Things
2.Advanced sensors and Interface
3.Mobile Communications and Networks
4. MATLAB Programming and High frequency simulation.
5. VLSI Laboratory.
6.Advanced Satellite Communications

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
abovementioned technologies as part of JNTUH curriculum, by forwarding to the BOS of ECE
dept.

Thanking you Sir,

Yours Faithfully,

HOD ECE SIIET

Date: 08-04-2017

Ref:

To
The Registrar
JNTUH UNIVERSITY, HYDERABAD
HYDERABAD-500085
Sir.

SUB: SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY. ECE Dept.-
Requesting to incorporate latest technologies. New courses as a 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 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 t industry

    1. Introduction to Advanced microprocessors

    2. Microwave and Optical Communications

    3. Advance digital communication laboratory

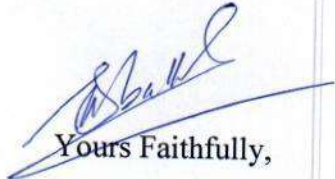   4. Microwave and Optical Communications lab

    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
abovementioned technologies as part of JNTUH curriculum, by forwarding to the BOS of ECE
dept.

    Thanking you Sir,

Yours Faithfully,

HOD ECE SIIET

Ref: Date14-05-2018

To
The Registrar
JNTUH UNIVERSITY, HYDERABAD
HYDERABAD-500085
Sir.

SUB: SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY. CSE Dept.-
Requesting to incorporate latest technologies. New courses as a 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 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 t industry

    1. Deep learning
    2. Internet of Things
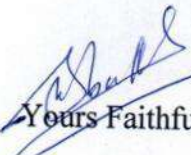   3. Python programming.

    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
abovementioned technologies as part of JNTUH curriculum, by forwarding to the BOS of CSE
dept.

    Thanking you Sir,

Yours Faithfully,

HOD CSE SIIET

Ref: Date:08-04-2019

To
The Registrar
JNTUH UNIVERSITY, HYDERABAD
HYDERABAD-500085
Sir.

SUB: SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY.CSE Dept.-
Requesting to incorporate latest technologies. New courses as a 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.

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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 t industry.

1. Big Data Analytics
2. Modern software engineering
3. Information Security Management
4. Internet of Things lab
5. Mobile application development 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
abovementioned technologies as part of JNTUH curriculum, by forwarding to the BOS of CSE
dept.

Thanking you Sir,

Yours Faithfully,

HOD CSE SIIET

Ref: Date: 06-05-2017

To
The Registrar
JNTUH UNIVERSITY, HYDERABAD
HYDERABAD-500085
Sir.

SUB: SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY. CSE Dept.-
Requesting to incorporate latest technologies. New courses as a 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 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 to industry

    1. Artificial Intelligence & machine learning
    2. Cyber security
    3. Software Process and Project Management
    4. Big Data Analytics using Hadoop Technology
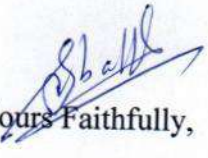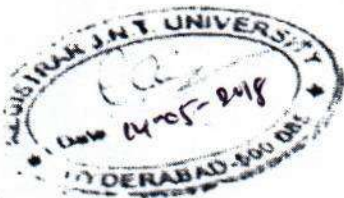   5. Mobile Computing

    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
abovementioned technologies as part of JNTUH curriculum, by forwarding to the BOS of CSE
dept.

                        Thanking you Sir,

                                                                 Yours Faithfully,

                                                                 HOD CSE SIIET

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(V), Ibrahimpatnam(M),
R.R Dist. Telangana.-501 510.

ACTION TAKEN BY JNTUH

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B.Tech. in ELECTRONICS AND COMMUNICATION ENGINEERING
COURSE STRUCTURE & SYLLABUS (R18)

Applicable From 2018-19 Admitted Batch

I YEAR I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	MA101BS	Mathematics - I	3	1	0	4
2	AP102BS	Applied Physics	3	1	0	4
3	CS103ES	Programming for Problem Solving	3	1	0	4
4	ME104ES	Engineering Graphics	1	0	4	3
5	AP105BS	Applied Physics Lab	0	0	3	1.5
6	CS106ES	Programming for Problem Solving Lab	0	0	3	1.5
7	*MC109ES	Environmental Science	3	0	0	0
		Induction Programme				
		Total Credits	13	3	10	18

I YEAR II SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	MA201BS	Mathematics - II	3	1	0	4
2	CH202BS	Chemistry	3	1	0	4
3	EE203ES	Basic Electrical Engineering	3	0	0	3
4	ME205ES	Engineering Workshop	1	0	3	2.5
5	EN205HS	English	2	0	0	2
6	CH206BS	Engineering Chemistry Lab	0	0	3	1.5
7	EN207HS	English Language and Communication Skills Lab	0	0	2	1
8	EE208ES	Basic Electrical Engineering Lab	0	0	2	1
		Total Credits	12	2	10	19

II YEAR I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	EC301PC	Electronic Devices and Circuits	3	1	0	4
2	EC302PC	Network Analysis and Transmission Lines	3	0	0	3
3	EC303PC	Digital System Design	3	1	0	4
4	EC304PC	Signals and Systems	3	1	0	4
5	EC305ES	Probability Theory and Stochastic Processes	3	0	0	3
6	EC306PC	Electronic Devices and Circuits Lab	0	0	2	1
7	EC307PC	Digital System Design Lab	0	0	2	1
8	EC308ES	Basic Simulation Lab	0	0	2	1
9	*MC309	Constitution of India	3	0	0	0
		Total Credits	18	3	6	21

II YEAR II SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	MA401BS	Laplace Transforms, Numerical Methods & Complex Variables	3	1	0	4
2	EC402PC	Electromagnetic Fields and Waves	3	0	0	3

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(V), Ibrahimpatnam(M),
R.R Dist. Telangana.-501 510

3	EC403PC	Analog and Digital Communications	3	1	0	4
4	EC404PC	Linear IC Applications	3	0	0	3
5	EC405PC	Electronic Circuit Analysis	3	0	0	3
6	EC406PC	Analog and Digital Communications Lab	0	0	3	1.5
7	EC407PC	IC Applications Lab	0	0	3	1.5
8	EC408PC	Electronic Circuit Analysis Lab	0	0	2	1
9	*MC409	Gender Sensitization Lab	0	0	2	0
		Total Credits	**15**	**2**	**10**	**21**

III YEAR I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	EC501PC	Microprocessors & Microcontrollers	3	1	0	4
2	EC502PC	Data Communications and Networks	3	1	0	4
3	EC503PC	Control Systems	3	1	0	4
4	SM504MS	Business Economics & Financial Analysis	3	0	0	3
5		Professional Elective - I	3	0	0	3
6	EC505PC	Microprocessors & Microcontrollers Lab	0	0	3	1.5
7	EC506PC	Data Communications and Networks Lab	0	0	3	1.5
8	EN508HS	Advanced Communication Skills Lab	0	0	2	1
9	*MC510	Intellectual Property Rights	3	0	0	0
		Total Credits	**18**	**3**	**8**	**22**

III YEAR II SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	EC601PC	Antennas and Propagation	3	1	0	4
2	EC602PC	Digital Signal Processing	3	1	0	4
3	EC603PC	VLSI Design	3	1	0	4
4		Professional Elective - II	3	0	0	3
5		Open Elective - I	3	0	0	3
6	EC604PC	Digital Signal Processing Lab	0	0	3	1.5
7	EC605PC	e – CAD Lab	0	0	3	1.5
8	EC606PC	Scripting Languages Lab	0	0	2	1
9	*MC609	Environmental Science	3	0	0	0
		Total Credits	**18**	**3**	**8**	**22**

IV YEAR I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	EC701PC	Microwave and Optical Communications	3	0	0	3
2		Professional Elective – III	3	0	0	3
3		Professional Elective – IV	3	0	0	3
4		Open Elective - II	3	0	0	3
5	SM702MS	Professional Practice, Law & Ethics	2	0	0	2
6	EC703PC	Microwave and Optical Communications Lab	0	0	2	1
7	EC704PC	Industrial Oriented Mini Project/ Summer Internship	0	0	0	2*
8	EC705PC	Seminar	0	0	2	1
9	EC706PC	Project Stage - I	0	0	6	3
		Total Credits	**14**	**0**	**10**	**21**

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(V), Ibrahimpatnam(M),
R.R. Dist. Telangana.-501 510

IV YEAR II SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1		Professional Elective – V	3	0	0	3
2		Professional Elective – VI	3	0	0	3
3		Open Elective - III	3	0	0	3
4	EC801PC	Project Stage - II	0	0	14	7
		Total Credits	9	0	14	16

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

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

EC511PE	Computer Organization & Operating Systems
EC512PE	Error Correcting Codes
EC513PE	Electronic Measurements and Instrumentation

Professional Elective – II

EC611PE	Object Oriented Programming through Java
EC612PE	Mobile Communications and Networks
EC613PE	Embedded System Design

Professional Elective – III

EC711PE	Artificial Neural Networks
EC712PE	Scripting Languages
EC713PE	Digital Image Processing

Professional Elective – IV

EC721PE	Biomedical Instrumentation
EC722PE	Database Management Systems
EC723PE	Network Security and Cryptography

Professional Elective – V

EC811PE	Satellite Communications
EC812PE	Radar Systems
EC813PE	Wireless Sensor Networks

Professional Elective – VI

EC821PE	System on Chip Architecture
EC822PE	Test and Testability
EC823PE	Low Power VLSI Design

PRINCIPAL
Sri Indu Institute of Engineering & Tech
Sheriguda(V), Ibrahimpatnam(M),
R.R Dist. Telangana.-501 510.

3

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		PE-II Lab #	0	0	3	2
	CS751PC	Python Programming Lab				
	CS752PC	Mobile Application Development Lab				
	CS753PC	Web Scripting Languages Lab				
	CS754PC	Internet of Things Lab				
8	CS705PC	Industry Oriented Mini Project	0	0	3	2
9	CS706PC	Seminar	0	0	2	1
		Total Credits	**17**	**0**	**11**	**24**

Courses in PE - II and PE - II Lab must be in 1-1 correspondence.

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)

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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

*Open Elective subjects' syllabus is provided in a separate document.

*Open Elective – Students should take Open Electives from the List of Open Electives Offered by Other Departments/Branches Only.

Ex: - A Student of Mechanical Engineering can take Open Electives from all other departments/branches except Open Electives offered by Mechanical Engineering Dept.

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SRI INDU INSTITUTE OF ENGINEERING & TECHNOLOGY

Sheriguda (V), Ibrahimpatnam (M), R. R. District, T.S – 501510.

FEEDBACK FROM STUDENTS   Date: 05/02/2018

Academic Year 2018-2019 (Term – I)   Name of the Department ___ECE___

Class: N - Btech-B

S.no.	Name of the Faculty / Parameters	1 Asst Prof: chandrakala	2 Asst Prof: Anitha	3 Asst Prof: Ramadevi	4 Asst Prof: Bhargavi	5 Asst Prof: Prabhavathi	6 Asst Prof: Sravanthi
	Subject Taught	4	4	4	4	4	4
1.	Proficiency in the Subject	4	4	3	3	3	4
2.	Presentation skill	4	3	4	4	4	4
3.	Regularity in conducting lectures	3	4	3	4	3	4
4.	Responsiveness & interaction with students	4	3	4	4	4	4
5.	The quality of lecture material & Teaching aids	4	3	3	3	4	3
6.	Examples of practical applications pertaining to the topics covered.	3	3	4	4	3	4
7.	Conduct of periodical Tests.	4	3	4	3	4	3
8.	Attendance of Students in his / her lectures	3	4	3	4	3	4
9.	Overall control in the class	4	4	4	4	4	4
10.	Assessment for home work	3	3	3	3	3	3
11.	English Communication	4	3	4	3	4	3
12.	Syllabus Coverage	3	4	4	4	4	4
13.	Overall satisfaction with the faculty	44	46	48	47	40	47
	TOTAL SCORE (Out of)	3.3	3.38	3	3	3.61	3
	Rating = Total Score / 13						

Rating Scale :   Excellent - 4, Good - 3,   Satisfactory - 2, Unsatisfactory - 1

Any other comments :

___Expecting   more   material   in   related   subject.___

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FEEDBACK FROM STUDENTS   Date: 05-11-2018

Academic Year 2018-2019 (Term – I)   Name of the Department ___ECE___

Class: IV – ECE-C

S.no.	Name of the Faculty / Parameters	1	2	3	4	5	6
		Asst Prof: lavanya	Asst Prof: Sivakrish	Asst Prof: S. Naresh	Asst Prof: Rahul paul	Asst Prof: Swathi	Asst Prof: Baskar
	Subject Taught	EMTL	LDIC	DC	FM	EMI	PE
1.	Proficiency in the Subject	3	4	4	3	4	4
2.	Presentation skill	4	3	4	3	3	3
3.	Regularity in conducting lectures	3	4	3	3	3	4
4.	Responsiveness & interaction with students	4	3	3	2	3	4
5.	The quality of lecture material & Teaching aids	3	4	4	3	3	4
6.	Examples of practical applications pertaining to the topics covered.	4	3	4	3	4	3
7.	Conduct of periodical Tests.	3	4	3	3	4	4
8.	Attendance of Students in his / her lectures	4	3	3	4	4	4
9.	Overall control in the class	3	4	4	4	3	3
10.	Assessment for home work	4	3	4	4	3	4
11.	English Communication	3	4	3	4	4	3
12.	Syllabus Coverage	4	3	3	3	4	4
13.	Overall satisfaction with the faculty	3	4	4	4	3	3
	TOTAL SCORE (Out of)	45	46	46	45	45	47
	Rating = Total Score / 13	3.4	3.5	3.5	3.4	3.4	3.6

Rating Scale : Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1

Any other comments :

___Explanation is less___

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| | FEEDBACK FROM STUDENTS | | | Date: 05-11-2018 | | |

Academic Year 2018-2019 (Term – I)   Name of the Department **ELE**

Class: **II) - ECE-c-section**

S.no.	Name of the Faculty Parameters	1 Asst Prof: lavanya	2 Asst Prof: Sivabrithu	3 Asst Prof: Naresh	4 Asst Prof: Rahul paul	5 Asst Prof: Awathi	6 Asst Prof: Baskar
	Subject Taught	EMTL	LDIC	DC	FM	EMI	PE
1.	Proficiency in the Subject	4	3	4	4	4	3
2.	Presentation skill	4	4	3	4	3	3
3.	Regularity in conducting lectures	3	3	4	3	4	3
4.	Responsiveness & interaction with students	3	4	4	3	4	2
5.	The quality of lecture material & Teaching aids	4	3	4	4	4	3
6.	Examples of practical applications pertaining to the topics covered.	4	4	3	4	3	3
7.	Conduct of periodical Tests.	3	3	4	3	4	3
8.	Attendance of Students in his / her lectures	3	4	4	3	4	4
9.	Overall control in the class	4	3	3	4	3	4
10.	Assessment for home work	4	4	4	4	4	4
11.	English Communication	3	3	3	3	3	4
12.	Syllabus Coverage	3	4	4	3	4	3
13.	Overall satisfaction with the faculty	4	3	3	4	3	4
	TOTAL SCORE (Out of)	46	45	47	46	47	45
	Rating = Total Score / 13	3.5	3.4	3.6	3.5	3 6	3.4

Rating Scale : Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1

Any other comments :
Every thing is good, thanking you sir/mam.

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FEEDBACK FROM STUDENTS   Date: 10-08-2018

Academic Year 2018-2019 (Term – I)   Name of the Department _____ ECB-C

Class: B.Tech IV

S.no.	Name of the Faculty / Parameters	1 Asst Prof: Meena	2 Asst Prof: Ashwini	3 Asst Prof: Rahul Paul	4 Asst Prof: Krishna Rao	5 Asst Prof: Veena	6 Asst Prof: Azra
	Subject Taught	CN	ESD	MS	MWE	DIP	CMC
1.	Proficiency in the Subject	4	4	4	4	4	4
2.	Presentation skill	4	4	4	4	4	4
3.	Regularity in conducting lectures	3	3	3	3	3	3
4.	Responsiveness & interaction with students	3	3	3	3	3	3
5.	The quality of lecture material & Teaching aids	3	3	3	3	3	3
6.	Examples of practical applications pertaining to the topics covered.	4	4	4	4	4	4
7.	Conduct of periodical Tests.	4	4	4	4	4	4
8.	Attendance of Students in his / her lectures	4	4	4	4	3	4
9.	Overall control in the class	3	3	3	4	4	3
10.	Assessment for home work	3	3	3	4	3	4
11.	English Communication	3	3	3	4	4	4
12.	Syllabus Coverage	4	4	4	4	4	4
13.	Overall satisfaction with the faculty	4	4	4	4	4	4
	TOTAL SCORE (Out of)	46	46	46	46	46	46
	Rating = Total Score / 13	3.5	4.2	4.3	3.6	4.4	4.5

Rating Scale :   Excellent - 4,   Good - 3,   Satisfactory - 2, Unsatisfactory - 1

Any other comments :

Everything is good give me more examples for better understanding.

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FEEDBACK FROM STUDENTS　　　Date: 10-08-2018

Academic Year 2018-2019 (Term – I)　　　Name of the Department ___ECE___

Class: C

S.no.	Name of the Faculty / Parameters	1 Asst Prof: Meena	2 Asst Prof: Ashwini	3 Asst Prof: Rahul Paul	4 Asst Prof: Krishna Rao	5 Asst Prof: Veena	6 Asst Prof: Azra
	Subject Taught	CN	ESD	MS	MWE	DIP	CMC
1.	Proficiency in the Subject	4	3	4	4	4	4
2.	Presentation skill	4	3	4	4	4	4
3.	Regularity in conducting lectures	3	2	4	4	4	4
4.	Responsiveness & interaction with students	3	4	3	4	4	4
5.	The quality of lecture material & Teaching aids	3	4	3	4	3	4
6.	Examples of practical applications pertaining to the topics covered.	4	3	3	3	3	4
7.	Conduct of periodical Tests.	4	3	4	3	4	3
8.	Attendance of Students in his / her lectures	4	4	4	3	4	3
9.	Overall control in the class	4	4	3	3	3	3
10.	Assessment for home work	3	4	3	4	3	3
11.	English Communication	3	4	3	4	3	4
12.	Syllabus Coverage	3	4	4	4	3	4
13.	Overall satisfaction with the faculty	4	4	4	4	3	4
	TOTAL SCORE (Out of)	46	46	46	46	46	46
	Rating = Total Score / 13	3.5	4	4.2	4.1	4	4.5

Rating Scale : Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1

Any other comments :

All faculty skills are good

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FEEDBACK FROM STUDENTS   Date: 10/08/2018

Academic Year 2018-2019 (Term – II)   Name of the Department ECE

Class: IV th B.Tech ECE-C

S.no.	Name of the Faculty / Parameters	1 Asst Prof: P.Krishna rao	2 Asst Prof: Rechal martina	3 Asst Prof: Azra
	Subject Taught	SC	TSSN	WCN
1.	Proficiency in the Subject	4	4	4
2.	Presentation skill	3	4	4
3.	Regularity in conducting lectures	4	3	4
4.	Responsiveness & interaction with students	4	4	4
5.	The quality of lecture material & Teaching aids	4	3	3
6.	Examples of practical applications pertaining to the topics covered.	3	4	4
7.	Conduct of periodical Tests.	4	4	4
8.	Attendance of Students in his / her lectures	4	3	4
9.	Overall control in the class	4	4	3
10.	Assessment for home work	3	3	4
11.	English Communication	3	4	4
12.	Syllabus Coverage	4	4	4
13.	Overall satisfaction with the faculty	4	3	4
	TOTAL SCORE (Out of)	48	47	50
	Rating = Total Score / 13	3.69	3.61	3.84

Rating Scale : Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1

Any other comments :

All faculty presentation is good

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FEEDBACK FROM STUDENTS   Date: 10/08/2018

Academic Year 2018-2019 (Term – II)   Name of the Department _ECE_

Class: IVth B.Tech ECE-C

S.no.	Name of the Faculty / Parameters	1 Asst Prof: P. Krishna rao	2 Asst Prof: Recha mantina	3 Asst Prof: Azra
	Subject Taught	SC	TSSN	WCN
1.	Proficiency in the Subject	4	4	4
2.	Presentation skill	3	4	4
3.	Regularity in conducting lectures	4	3	4
4.	Responsiveness & interaction with students	4	3	4
5.	The quality of lecture material & Teaching aids	4	4	4
6.	Examples of practical applications pertaining to the topics covered.	4	3	3
7.	Conduct of periodical Tests.	3	4	4
8.	Attendance of Students in his / her lectures	4	4	4
9.	Overall control in the class	4	3	4
10.	Assessment for home work	4	4	3
11.	English Communication	3	3	4
12.	Syllabus Coverage	3	4	4
13.	Overall satisfaction with the faculty	4	4	4
	TOTAL SCORE (Out of)	48	47	50
	Rating = Total Score / 13	3.69	3.61	3.84

Rating Scale :   Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1

Any other comments :

Subject teaching is good. but I need notes in detail.

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FEEDBACK FROM STUDENTS　　　　Date: 09/04/2018

Academic Year 2018-2019 (Term – II)　　**Name of the Department** GCE

Class: IV - BTECH - B sec

S.no.	Name of the Faculty / Parameters	1 Asst Prof: Naresh	2 Asst Prof: Bhavani	3 Asst Prof: Ganesh
	Subject Taught	S.C	WCN	TSSN
1.	Proficiency in the Subject	3	4	3
2.	Presentation skill	4	3	4
3.	Regularity in conducting lectures	3	4	3
4.	Responsiveness & interaction with students	4	3	4
5.	The quality of lecture material & Teaching aids	3	4	3
6.	Examples of practical applications pertaining to the topics covered.	4	3	4
7.	Conduct of periodical Tests.	3	4	3
8.	Attendance of Students in his / her lectures	4	3	4
9.	Overall control in the class	3	4	3
10.	Assessment for home work	4	3	4
11.	English Communication	3	4	3
12.	Syllabus Coverage	4	3	4
13.	Overall satisfaction with the faculty	3	4	3
	TOTAL SCORE (Out of　　)	45	46	45
	Rating = Total Score / 13			

Rating Scale : Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1

Any other comments : need to improve soft skills classes.

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FEEDBACK FROM STUDENTS   Date: 09/04/2018

Academic Year 2018-2019 (Term – II)   Name of the Department ___ECE___

Class: IV-BTu

S.no.	Name of the Faculty	1	2	3
	Parameters	Asst Prof: nandh SC	Asst Prof: Bhatani uen	Asst Prof: ganw TSS
	Subject Taught	SC	BvN	JSSN
1.	Proficiency in the Subject	u	u	u
2.	Presentation skill	3	u	3
3.	Regularity in conducting lectures	u	3	u
4.	Responsiveness & interaction with students	u	3	u
5.	The quality of lecture material & Teaching aids	3	3	u
6.	Examples of practical applications pertaining to the topics covered.	u	3	3
7.	Conduct of periodical Tests.	3	3	3
8.	Attendance of Students in his / her lectures	u	3	3
9.	Overall control in the class	3	3	3
10.	Assessment for home work	u	u	3
11.	English Communication	u	u	u
12.	Syllabus Coverage	3	u	u
13.	Overall satisfaction with the faculty	u	u	3
	TOTAL SCORE (Out of)	47	47	47
	Rating = Total Score / 13	49/13	49/13	49/13
	Rating Scale : Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1			

Any other comments :
Need to improve in the voice clarity

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FEEDBACK FROM STUDENTS   Date: 09/04/2018

Academic Year 2018-2019 (Term – II)   Name of the Department _ECE_

Class: IV B-Tech,

S.no.	Name of the Faculty / Parameters	1 Asst Prof: Naresh (SC)	2 Asst Prof: Bhavani (WCN)	3 Asst Prof: Ganesh. (TSSN)
	Subject Taught	3.	4.	3
1.	Proficiency in the Subject	4	3	3
2.	Presentation skill	4	3	4
3.	Regularity in conducting lectures	4	4	3
4.	Responsiveness & interaction with students	3	3	4
5.	The quality of lecture material & Teaching aids	4	3	3
6.	Examples of practical applications pertaining to the topics covered.	3	4	4
7.	Conduct of periodical Tests.	4	4	4
8.	Attendance of Students in his / her lectures	3	4	4
9.	Overall control in the class	3	3	3
10.	Assessment for home work	4	4	4
11.	English Communication	3	4	3
12.	Syllabus Coverage	4	3	3
13.	Overall satisfaction with the faculty	4	4	4
	TOTAL SCORE (Out of)	50	50	49
	Rating = Total Score / 13	3.84	3.84	3.76

Rating Scale :   Excellent - 4,   Good - 3,   Satisfactory - 2,   Unsatisfactory - 1

Any other comments :

Expecting material to the related Subject.

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FEEDBACK FROM STUDENTS   Date: 09/04/2018

Academic Year 2018-2019 (Term – II)   Name of the Department _ECE_

Class: IV . BTech ece -B

S.no.	Name of the Faculty	1	2	3
		Asst Prof:	Asst Prof:	Asst Prof:
	Parameters	Naresh	Bhavani	Ganesh
	Subject Taught	SC	WCN	TSSN
1.	Proficiency in the Subject	3	3	3
2.	Presentation skill	2.	3.	3
3.	Regularity in conducting lectures	3	2	2
4.	Responsiveness & interaction with students	2.	3	3
5.	The quality of lecture material & Teaching aids	3	2	2
6.	Examples of practical applications pertaining to the topics covered.	3	2	2
7.	Conduct of periodical Tests.	2	3	3
8.	Attendance of Students in his / her lectures	2	3	3
9.	Overall control in the class	3	2	2
10.	Assessment for home work	2	2	3
11.	English Communication	3	3	2
12.	Syllabus Coverage	3	2	3
13.	Overall satisfaction with the faculty	2	3	3
TOTAL SCORE (Out of)		33	33	34
Rating = Total Score / 13		2.5	2.5	2.61

Rating Scale : Excellent - 4, Good - 3, Satisfactory - 2, Unsatisfactory - 1

Any other comments :

Expecting to communicate in english in class