SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

(An Autonomous Institution)
Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty: Dr. Aruna · V		Academic year: 2018–19	
Name of the Course Taught: Computer networks		Year / Semester: III year I sem	
Course Code: SEC06		Department: CSE	

Please give your valuable feedback to improve the quality of the programme.
Mention your rating between 1 to 5 for each question.
Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	5
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	4
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	5
7	The usefulness of course files for conduct of class work	5

Suggestions:

a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course _____with Code No._____ and the Unit which has to be modified or replaced.
   1) Unit to be replaced _____   2) Unit to be modified _____

b) Any new theory course to be introduced either in core or elective subjects
   1) Name of the course _____

c) Any new Lab course or a modified Lab course to be introduced in the subsequent revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned_____.

d) Any other suggestions: Introduction to topics like Bridges, spanning trees, flooding & multicasting can be added in this course

Signature of Teacher with Date: V. Aruna 17/2/18

Designation : prof & HOD CSE

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

(An Autonomous Institution)

Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty: Dr. Aruna. V		Academic year: 2018 –19	
Name of the Course Taught: Operating Systems		Year / Semester: 3rd year & 1st sem	
Course Code: 3EC07		Department:	

Please give your valuable feedback to improve the quality of the programme.

Mention your rating between 1 to 5 for each question.

Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	4
2	The adequacy of the syllabus for the number of theory hours allotted per week	5
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	4
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	4
7	The usefulness of course files for conduct of class work	5

Suggestions:

a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course _____with Code No._____ and the Unit which has to be modified or replaced.

1) Unit to be replaced _____   2) Unit to be modified _____

b) Any new theory course to be introduced either in core or elective subjects

1) Name of the course _____Courses on security like Database security, cyber security can be introduced

c) Any new Lab course or a modified Lab course to be introduced in the subsequent revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned_____DAA Lab. can be included in II Year II sem

d) Any other suggestions: ___Lab projects can be introduced in lab courses

Signature of Teacher with Date: V.Aruna 12/18

Designation: Professor & HOD CSE

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
(An Autonomous Institution)
Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty: Dr. V. Aruna	Academic year: 2018 – 19
Name of the Course Taught: Operating System	Year / Semester: II year II sem
Course Code: 6 EC 03	Department: CSE

Please give your valuable feedback to improve the quality o. the programme.
Mention your rating between 1 to 5 for each question.
Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	4
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	5
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	4
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	5
7	The usefulness of course files for conduct of class work	5

Suggestions:
a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course _____with Code No._____ and the Unit which has to be modified or replaced.
   1) Unit to be replaced _____ 2) Unit to be modified _____
b) Any new theory course to be introduced either in core or elective subjects
   1) Name of the course ___Block Chain technology Course can be introduced
c) Any new Lab course or a modified Lab course to be introduced in the subsequent revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned_____.
d) Any other suggestions: ___Block chain technology is one of the disruptive technology, students must study

Signature of Teacher With Date: V Aruna 8/4/19

• **Designation:** Prof & HoD CSE

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
(An Autonomous Institution)
Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty:	ch. srinath Reddy	Academic year:	2018–19
Name of the Course Taught:	OOPJ I	Year / Semester:	2nd year 1st sem
Course Code:	GE 302	Department:	CSE

Please give your valuable feedback to improve the quality of the programme.
Mention your rating between 1 to 5 for each question.
Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	5
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	5
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	4
7	The usefulness of course files for conduct of class work	5

Suggestions:
  a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course ___OOPJ___ with Code No. ___GE 302___ and the Unit which has to be modified or replaced.
     1) Unit to be replaced ___—___   2) Unit to be modified ___—___
  b) Any new theory course to be introduced either in core or elective subjects
     1) Name of the course _____
  c) Any new Lab course or a modified Lab course to be introduced in the subsequent revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned___—___.
  d) Any other suggestions: ___development of problem solving critical analysis must___

Signature of Teacher with Date: 17–12–18   **Designation:** Asst. Professor be done

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
(An Autonomous Institution)
Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty: M.Rama Chandra	Academic year: 2018 –19
Name of the Course Taught: Management Science	Year / Semester: 3-1
Course Code: 5ZC02	Department: CSE

Please give your valuable feedback to improve the quality o. the programme.
Mention your rating between 1 to 5 for each question.
Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	5
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	5
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	4
7	The usefulness of course files for conduct of class work	5

Suggestions:

a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course ___MS___ with Code No. ___5ZC02___ and the Unit which has to be modified or replaced. S/w Requirements elicitation can be taking
   1) Unit to be replaced _____ 2) Unit to be modified _____ 1 complete unit or extended to a

b) Any new theory course to be introduced either in core or elective subjects course,
   1) Name of the course More Subjects may be introduced like - Agile s/w Dev.,

c) Any new Lab course or a modified Lab course to be introduced in the subsequent SOA of M.Tech revision of syllabus and mentioned in the Minutes of the Boards of Studies as electives concerned___ — ___.

d) Any other suggestions: _____

Signature of Teacher with Date: 18/12/18

Designation : Asst. Professor

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

(An Autonomous Institution)

Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty: A. Chandu Nath	Academic year: 2018-19
Name of the Course Taught: Web Technology	Year / Semester: III - I
Course Code: 5FC09	Department: CSE

Please give your valuable feedback to improve the quality o. the programme.
Mention your rating between 1 to 5 for each question.

Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	5
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	4
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	5
7	The usefulness of course files for conduct of class work	4

Suggestions:

a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course ___5FC09___ with Code No. ___WT-5FC09___ and the Unit which has to be modified or replaced.
   1) Unit to be replaced ___—___   2) Unit to be modified ___—___
b) Any new theory course to be introduced either in core or elective subjects
   1) Name of the course ___—___
c) Any new Lab course or a modified Lab course to be introduced in the subsequent revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned___—___
d) Any other suggestions: ___Introduce AJax.___

Signature of Teacher with Date: 28/12/18

Designation : Asst - Prof

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

(An Autonomous Institution)

Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty:	Ch. Srinath Reddy	Academic year:	2018-19
Name of the Course Taught:	M.C	Year / Semester:	3rd year 2nd sem
Course Code:	SEC14	Department:	CSE

Please give your valuable feedback to improve the quality o. the programme.
Mention your rating between 1 to 5 for each question.

Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	5
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	4
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	5
7	The usefulness of course files for conduct of class work	5

Suggestions:

a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course ___M . C___ with Code No. ___SEC14___ and the Unit which has to be modified or replaced.

   1) Unit to be replaced _____   2) Unit to be modified _____

b) Any new theory course to be introduced either in core or elective subjects
   1) Name of the course _____

c) Any new Lab course or a modified Lab course to be introduced in the subsequent revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned_____.

d) Any other suggestions: ___Distributed and mobile computing concepts should be added___

Signature of Teacher with Date: 6 – 4 – 2019   Designation : Asst. properly

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

(An Autonomous Institution)

Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty: Dr. K. Shirisha	Academic year:	2018 – 19
Name of the Course Taught: Web Technologies	Year / Semester:	3rd year – 1st Sem
Course Code: 5FC09	Department:	CSE

Please give your valuable feedback to improve the quality o. the programme.

Mention your rating between 1 to 5 for each question.

Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	4
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	4
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	4
7	The usefulness of course files for conduct of class work	5

Suggestions:

a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course ___WT___ with Code No.__5FC09__ and the Unit which has to be modified or replaced.

1) Unit to be replaced _____ 2) Unit to be modified ——

b) Any new theory course to be introduced either in core or elective subjects

1) Name of the course _Concepts and introduction of ASP Database Connectivity can_

c) Any new Lab course or a modified Lab course to be introduced in the subsequent _be added._ revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned____——____.

d) Any other suggestions: _____——_____

Signature of Teacher with Date: 8/12/18

Designation: Professor

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
(An Autonomous Institution)
Yamnampet, Ghatkesar, Medchal District, Hyderabad – 501 301.

TEACHERS' FEEDBACK (ON THEORY)

Name of the Faculty: Dr. K. Shirisha		Academic year: 2018-19	
Name of the Course Taught: Systems Operating		Year / Semester: 2-2	
Course Code: 6ECO3		Department: CSE	

Please give your valuable feedback to improve the quality o. the programme.
Mention your rating between 1 to 5 for each question.
Excellent -5, Very Good - 4, Good - 3, Satisfactory - 2, Not Satisfactory – 1

S.No.	Item	Rating (1 to 5)
1	The depth of the syllabus is sufficient for attainment of the defined course outcomes, and thus contributes for the attainment of relevant program outcomes.	5
2	The adequacy of the syllabus for the number of theory hours allotted per week	5
3	Your opinion with regard to pre-requisite(s) required is taken care in the program concerned	5
4	The textbooks prescribed are sufficient to cover entire syllabus	4
5	Your opinion with regard to the need of offering this course as it is a pre-requisite for other courses in the subsequent semesters or which is needed for satisfying the industry requirements	5
6	Whether the courses files are provided by the department for effective conduct of classes and whether they are distributed to the students	5
7	The usefulness of course files for conduct of class work	5

Suggestions:
a) Possibility of replacing an unit in the syllabus by a Unit which is required to be taught or any modifications to be made in a particular Unit. Please give the name of the course _____OS_____ with Code No.__6ECO3__ and the Unit which has to be modified or replaced.
1) Unit to be replaced _____ 2) Unit to be modified _____
b) Any new theory course to be introduced either in core or elective subjects
1) Name of the course __Adv. OS__ can be introduced as Elective in next curriculum revision.
c) Any new Lab course or a modified Lab course to be introduced in the subsequent revision of syllabus and mentioned in the Minutes of the Boards of Studies concerned_____.
d) Any other suggestions: _____

Signature of Teacher with Date: 8/4/19

Designation : Professor

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
Department of Computer Science and Engineering

1 Nov 2018

Sub: Curricular Revision Meeting on 3rd Nov 2018 at 2 pm in 2414 Lab

The faculty members are requested to be available for the meeting in the 2414 Lab on **3rd Nov 2018** at 2 pm to discuss the following agenda:

Agenda:

1. As per the suggestion given by various faculty members, the following courses for inclusion in the Reg 2015-16 as Electives are to be discussed for approval of the BoS members

   - PE- IV in 3rd year 2nd semester: Introduction to Data Science
   - PE- IV in 3rd year 2nd semester: Machine Learning
   - PE- V in 4th year 1st semester: Big Data Analytics

2. Change of syllabi in Scripting Languages as per the suggestions given by the employers.

3. Adding Courses in the Open Electives of Management stream:

Open Elective Streams	Code	Open Elective – I (3-2)	Code	Open Elective – II (4-1)	Code	Open Elective – III (4-1)
Entrepreneurship Stream	6ZC22	Basics of Entrepreneurship	6ZC24	Innovations and Design Thinking	6ZC23	Advanced Entrepreneurship
Social Sciences Stream	6ZC25	Basics of Indian Economy	6ZC26	Basics of Polity and Ecology	6ZC27	Indian History, Culture and Geography
Technology Entrepreneurship	6ZC20	Product and Services	6ZC24	Innovation and Design Thinking	6ZC21	General Management and Entrepreneurship
Finance Stream	6ZC05	Banking Operations, Insurance and Risk Management	6ZC19	Entrepreneurship Project Management and Structured Finance	6ZC15	Financial Institutions, Markets and Services

4. Finalizing the course Structure of the B.Tech.- CSE Reg 2018 and syllabi of the -2nd year syllabi of the B.Tech.- CSE Reg 2018.

5. Review on changes suggested by the faculty.

6. Courses' syllabi of the B.Tech. (CSE) 3rd and 4th years and Course Structure 2nd semester for the 2018 Regulation to be reviewed.

Prof. Aruna Varanasi

BoS Chairman and Hod, Dept of CSE

SNIST, Hyderabad

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
Department of Computer Science and Engineering

Minutes of the Curricular Revisions Meeting - Academic Year: 2018-19

A meeting on the curriculum revision is conducted on 05-11-2018 to discuss the 2017 Reg- 3rd and 4th year changes in Courses and the 2018 reg- Course Structure and 2nd year Course's syllabi.

The ratings given are documented and the suggestions/reviews are analyzed.

As per the suggestions provided by the faculty in the feedback forms in 2018-19 1st sem and 2017-18 2nd sem, the suggestions from the faculty and Principal are considered valuable. The suggestions are enlisted for favourable consideration for the approval by the BoS members:

1. **Changes in the Course Structure to meet logical flow in 2017 Reg:**
   Changes in the 3rd year 1st semester:

   a) Computer Networks and Computer Networks lab are shifted to 3rd year 2nd semester and in place, Data Warehousing and Data mining (DWDM) and Data Warehousing and Data mining Lab (DWDM Lab) are moved here from 4th year 1st semester.

   b) Python Programming is introduced by shifting Theory of Computation to 3rd year 2nd semester.

   c) Python Programming Lab exercises are clubbed with Object Oriented Analysis and Design (OOAD) Lab.

   d) Effective English Communication and Soft Skills (EEC) is brought from 3rd year 2nd semester to 3rd year 1st semester.

   Changes in the 3rd year 2nd semester of 2017 Reg:

   a) Linux Programming and Linux Programming Lab are replaced by Computer Networks and Computer Networks Lab.

   b) Linux Programming moved as PE- I in Advanced Software Languages Stream

   c) Compiler Design is shifted to 4th year 1st semester and in place Theory of Computation is located.

   d) Web Technologies and Compiler Design Lab is replaced by Web Technologies Lab.

   Changes in the 4th year 1st semester of 2017 Reg:

   a) Data Warehousing and Data mining (DWDM)- shifted to 3rd year 1st semester and Compiler Design is placed here.

   b) Data Warehousing and Data mining Lab (DWDM Lab)- shifted to 3rd year 1st semester, and in place Compiler Design and Information Security Lab is positioned here.

   c) Software Testing Lab is replaced by Software Automation and Testing Lab.

2. Proposed Course Structure for the 2018 Regulation - A18 (enclosed herewith)
3. Proposed Course Syllabi for the A18 – 2nd year Courses of CSE Board- OOPS through Java, OOPS through Java Lab, DBMS, DBMS Lab.

Dr. Aruna Varanasi

BoS Chairperson and HoD, CSE Dept,

SNIST

Members Present :-

1. Dr. K. Shirisha
2. D. Srilatha
3. Dr V. Aruna
4. K. Endu jyothi
5. A. Satyam
6. S. chandra Sekhar
7. D. Ram Basu
8. V. Prabhakar
9. Dr. H. Balaji
10. Preethi jeevan
11. P. Durga Prasad
12. Dr. PRSSNOURAS

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
Yamnampet, Ghatkesar, Hyderabad – 501 301,
Department of Computer Science and Engineering

Board of Studies Meeting on ...17/11/08....at SNIST, Hyderabad

Date: 17/11/2018

The agenda of the Board of Studies Meeting of B.Tech Computer Science and Engineering (CSE), scheduled on ...17/11/18 at .CSE.Dept at the SNIST, Hyd. The following members have attended the meeting.

1. Dr. V. Aruna	Chairman	
2. Prof. O.B.V. Ramanaiah, JNTUH	Member	
3. Dr. I. Vikram Pudi IIIT, Hyd	Member	
4. Dr. R. GuruRaj, BITS, Hyd	Member	
5. Mr. P. Anirudh, Oracle Hyd	Member	
6. Mrs. Sushma Leela, Scientist ISRO	Member	
7. Dr. T.V. Rajinikanth	Member	
8. Prof. T.V. Narayana Rao	Member	
9. Dr. Prasanta Kumar Sahoo	Member	
10. Dr. K. Shirisha	Member	
11. Mr. N.V. Subba Reddy	Member	
12. Mr. K. Damodhar Rao	Member	
13. Mr. Amedapu Srinivas Reddy	Member	
14. Mr. M. Ram Chandra	Member	

Agenda:

1. Approval of the elective courses and the syllabi to be added to the existing list of Professional Electives of B.Tech. (CSE) 2015-16 Regulation

   REQUEST: The members of College BOS Internal Committee has decided to introduce the following subjects for the benefit of Students towards placement as well as higher studies in this regard we humbly request the Official BOS Committee to grant permission to do so.

   a) Professional Elective – IV (3-2): Introduction to Data Science.

   b) Professional Elective – IV (3-2): Machine Learning.

   c) Professional Elective – V (4-1): Big Data Analytics,

REQUEST FOR THE NEED OF REVISION OF SYLLABUS:

After Receiving the Inputs from reputed MNC's during Placements activity held during the period Aug-Oct 2018 the College BOS Internal Committee has decided to incorporate few changes in the existing syllabus of Big Data Analytics & Scripting languages for which we kindly request your permission to accept the same for the benefit of students towards placement.

2. Approval of adding the elective courses to the existing list of Open Electives of B.Tech. (CSE) 2015-16 Regulation, in place of Management stream of Open Elective – I, II and III:

Earlier in the Open Electives (I, II, III) in the Management Stream

Elective Stream	Open Elective – I (3-2)		Open Elective – II (4-1)		Open Elective – III (4-1)	
	Code	Subjects	Code	Subjects	Code	Subjects
Management	5ZC03	Banking Operations, Insurance and Risk Management	5ZC19	Entrepreneurship, Project Management and Structured Finance	5ZC08	Enterprise Resource Planning

Proposed Additions in the Open Electives (I, II, III) in the Management Stream

Elective Stream	Open Elective – I (3-2)		Open Elective – II (4-1)		Open Elective – III (4-1)	
	Code	Subjects	Code	Subjects	Code	Subjects
Entrepreneurship Stream	5ZC22	Basics of Entrepreneurship	5ZC24	Innovations and Design Thinking	5ZC23	Advanced Entrepreneurship
Social Sciences Stream	5ZC25	Basics of Indian Economy	5ZC26	Basics of Polity and Ecology	5ZC27	Indian History, Culture and Geography
Technology Entrepreneurship	5ZC20	Product and Services	5ZC24	Innovation and Design Thinking	5ZC21	General Management and Entrepreneurship
Finance Stream	5ZC05	Banking Operations, Insurance and Risk Management	5ZC19	Entrepreneurship Project Management and Structured Finance	5ZC15	Financial Institutions, Markets with Services

V.Compludi

HOD, CSE

Board of Studies Meeting on ...17/11/18...at ...SNIST.., Hyderabad

Date: 17/11/18

The following members of the Board of Studies - B.Tech Computer Science and Engineering at (CSE), have attended the meeting, held on .17./.11./.2018........................... ............S.N.I.S.T......., Hyderabad:

1.	Dr. V. Aruna	Chairman	
2.	Prof. O.B.V. Ramanaiah, JNTUH	Member	
3.	Dr. I. Vikram Pudi IIIT, Hyd	Member	
4.	Dr. R. GuruRaj, BITS, Hyd	Member	
5.	Mr. P. Anirudh, Oracle Hyd — I E	Member	
6.	Mrs. Sushma Leela, Scientist ISRO — PG Alum	Member	
7.	Dr. T.V. Rajinikanth	Member	
8.	Prof. T.V. Narayana Rao	Member	
9.	Dr. Prasanta Kumar Sahoo	Member	
10.	Dr. K. Shirisha	Member	
11.	Mr. N.V. Subba Reddy	Member	
12.	Mr. K. Damodhar Rao	Member	
13.	Mr. Amedapu Srinivas Reddy	Member	
14.	Mr. M. Ram Chandra	Member	

Minutes:

1. The following elective courses and the syllabi are approved to be added to the existing list of Professional Electives of B.Tech. (CSE) 2015-16 Regulation:

   - Professional Elective – IV (3-2): Introduction to Data Science. (5 FC 29)

   - Professional Elective – IV (3-2): Machine Learning. (cSE) —5EC23

2. The revisions in the syllabi of the following courses are approved:

   P • Professional Elective – V (4-1): Big Data Analytics, (IT) — 5FC17
   done

   P • Professional Elective – III (3-2): Scripting Languages (CSE) — 5EC20
       (done)

3. In the Open Electives (I, II and III) of B.Tech. (CSE) 2015-16 Regulation, the following courses are approved for addition:

Open Electives (I, II, III) in the Management Stream

Elective Stream	Open Elective – I (3-2)		Open Elective – II (4-1)		Open Elective – III (4-1)	
	Code	Subjects	Code	Subjects	Code	Subjects
Entrepreneurship Stream	5ZC22	Basics of Entrepreneurship	5ZC24	Innovations and Design Thinking	5ZC23	Advanced Entrepreneurship
Social Sciences Stream	5ZC25	Basics of Indian Economy	5ZC26	Basics of Polity and Ecology	5ZC27	Indian History, Culture and Geography
Technology Entrepreneurship	5ZC20	Product and Services	5ZC24	Innovation and Design Thinking	5ZC21	General Management and Entrepreneurship
Finance Stream	5ZC05	Banking Operations, Insurance and Risk Management	5ZC19	Entrepreneurship Project Management and Structured Finance	5ZC15	Financial Institutions, Markets with Services

HOD, CSE

COURSE OBJECTIVES

- To be able to formulate machine learning techniques corresponding to various applications
- To be able to understand a range of machine learning algorithms along with their strengths and weaknesses
- To understand the basic theory behind machine learning
- To be able to apply machine learning algorithms for solving problems of moderate complexity
- To be able to analyze the appropriate machine learning technique for a given problem

COURSE OUTCOMES

After completion of the course, Student would be able to

- Demonstrate various learning methods and apply to real world problems.
- Analyze Regression and Classification models and apply to real world problems.
- Compare supervised learning and unsupervised learning.
- Apply the machine learning strategy for any given problem.
- Analyze linear regression and analytical learning.
-

UNIT – I INTRODUCTION

Learning: Forms of learning. Induction learning, Learning Decision Tree, Statistical learning methods, Learning with complex data, learning with hidden variables, Instance based learning, Reinforcement Learning, Brief Introduction to Pruning and Neural Network Concepts.

UNIT II SUPERVISED LEARNING

Linear Models for Regression – Linear Basis Function Models – The Bias – Variance Decomposition – Bayesian, Linear Regression – Bayesian Model Comparison.

Linear Models for Classification – Discriminant Functions – Decision Trees – Classification Trees – Regression Trees —— Feed-Forward Network Functions –BackPropagation – Regularization —— Radial Basis Function Networks – Ensemble methods – Bagging – Boosting.

UNIT III UNSUPERVISED LEARNING

Clustering – K-means – Mixtures of Gaussians –EM Algorithm in General – Model Selection for Latent Variable Models – High Dimensional Spaces – The Curse of Dimensionality – Dimensionality Reduction – Factor Analysis – Principal Component Analysis – Probabilistic PCA - Independent Components Analysis.

UNIT IV ANALYSIS OF LEARNING TECHNIQUES

Computational Learning Theory – PAC Learnability – VC Dimension – Mistake Bound model of Learning – Instance Based Learning

UNIT – V LINEAR REGRESSION

Regression Problem Analysis – Mathematical model - Gradient Descent Algorithm – Random Forest Algorithm - Machine Learning for Predictive Analytics

UNIT – VI ANALYTICAL LEARNING

Learning with perfect domain theory – Explanation based Learning – Inductive analytical approach to learning – KBANN algorithm – TANGENTPROP algorithm

TEXT BOOK

1. Tom Michel, Machine Learning. Mc Graw Hill. 1997
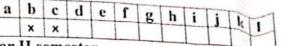
REFERENCE BOOKS

- Trevor Hustie, Robert Tibshirani & Jerome Friedman. The Elements of Statically Learning, Springer Verilag 2001
- Chris Bishop, Neural Network for, Pattern Recognition, Oxford University Press. 1995
- Ethem Alpaydin, Introduction to Machine Learning", MIT Press, Prentice Hall of India, 2005.

Syllabus for B. Tech. III Year II semester
Computer Science and Engineering
SCRIPTING LANGUAGES

L   T   P/D   C

Code:

Course Objectives:

- Develops skills to create server-side scripts using PHP.
- Introduces server-side programming concepts and terminology. Explores a variety of server-side techniques and MySQL database manipulation.
- Covers the installation of PHP and MySQL. Uses the current versions of HTML and CSS

Course Outcomes: After completing this course, students should able to

1. Install, configure, and administer PHP, web server, and database tools and extensions.
2. Apply Object-Oriented Design principles in PHP.
3. Connect to databases to fetch, store, and update persistent information.
4. Avoid SQL injection attacks using parameter binding and input sanitization.
5. Understanding POST and GET in form submission.

UNIT - I

Introduction to PHP: History of PHP, General Language Features, Installation and configuring Apache and PHP. PHP Basics: Styles of PHP Tags, Comments, Output functions , Datatypes, Identifiers. Variables: Declarations, Scope, Superglobal Variables, Variable Variables, Constants, Expressions, Operators, String Interpolation, Control Structures.

UNIT - II

Functions: Invoking and Creating Functions, Passing Arguments by Value and Reference, Default Argument Values, Recursive Functions, Function Libraries.
Arrays: What is an Array? , How to create an Array, Types of Arrays and Array Functions.
File handling: Opening, Reading, Writing and Closing a file. File related functions.

UNIT - III

Introduction to OOPS: Introduction, Objects, Declaring a class, new keyword and constructor, Destructor, Access method and properties using $this variable, Public ,private, protected properties and methods, Static properties and method, Class constant, Inheritance & code reusability, Polymorphism, Parent:: & self:: keyword, Instanceof operator, Abstract method and class, Interface, Final.

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
Yamnampet, Ghatkesar, Hyderabad – 501 301,
Department of Computer Science and Engineering

Board of Studies Meeting

Date:21|2.0.1.9

The agenda of the Board of Studies Meeting of B.Tech Computer Science and Engineering (CSE), scheduled on ⎯10 |01|2019 at ⎯10·00 a.m at the SNIST, Hyderabad. The following members have attended the meeting.

1. Dr. V. Aruna	Chairman	
2. Prof. O.B.V. Ramanaiah, JNTUH	Member	
3. Dr. I. Vikram Pudi IIIT, Hyd	Member	ABSENT.
4. Dr. R. GuruRaj, BITS, Hyd	Member	
5. Mr. P. Anirudh, Sunnera Tech., Hyd	Member	
6. Mrs. Sushma Leela, Scientist ISRO	Member	T. Sushmaleela.
7. Dr. T.V. Rajinikanth	Member	
8. Prof. T.V. Narayana Rao	Member	
9. Dr. Prasanta Kumar Sahoo	Member	
10. Dr. K. Shirisha	Member	B. Sirish
11. Dr. Najimudheen ESF	Member	
12. Mr. N.V. Subba Reddy	Member	
13. Mr. K. Damodhar Rao	Member	
14. Mr. Amedapu Srinivas Reddy	Member	
15. Mr. M. Ram Chandra	Member	

Agenda:

1. Approval of Course Structure for 2018-19 Regulation as per the model curriculum circulated by AICTE.

2. Approval of Course's syllabi for B.Tech CSE 2nd year for 2018-19 Regulation as per the model curriculum circulated by AICTE.

3. Approval of changes in the Course Structure of B.Tech CSE 3rd and 4th years (I sem and II sem) for the 2017 Regulation.

Changes in the 3rd year 1st semester:

a) Computer Networks and Computer Networks lab are shifted to 3rd year 2nd semester and in place, Data Warehousing and Data mining (DWDM) and Data Warehousing and Data mining Lab (DWDM Lab) are moved here from 4th year 1st semester.

b) Python Programming is introduced by shifting Theory of Computation to 3rd year 2nd semester.

c) Python Programming Lab exercises are clubbed with OOAD Lab.

d) Effective English Communication and Soft Skills (EEC) is brought from 3rd year 2nd semester to 3rd year 1st semester.

Changes in the 3rd year 2nd semester:

a) Linux Programming and Linux Programming Lab are replaced by Computer Networks and Computer Networks Lab.

b) Linux Programming moved as PE- IV in Advanced Software Languages Stream

c) Compiler Design is shifted to 4th year 1st semester and in place Theory of Computation is located.

d) Web Technologies and Compiler Design Lab is replaced by Web Technologies Lab.

Changes in the 4th year 1st semester:

a) Data Warehousing and Data mining (DWDM)- shifted to 3rd year 1st semester and Compiler Design is placed here.

b) Data Warehousing and Data mining Lab (DWDM Lab)- shifted to 3rd year 1st semester, and in place Compiler Design and Information Security Lab is positioned here.

c) Software Testing Lab is replaced by Software Automation and Testing Lab.

4. Approval of the Courses' (Core and Professional Electives- I, II, III, IV and V) syllabi of the B.Tech. (CSE) 3rd and 4th years (1st and 2nd semesters) for the 2017 Regulation.

5. Approval of the following Service courses' syllabi

a) Computer Network

b) Java Programming

c) Operating System Concepts

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
Yamnampet, Ghatkesar, Hyderabad – 501 301,
Department of Computer Science and Engineering

Board of Studies Meeting

Date: 10|1|29

The Board of Studies Meeting of B.Tech Computer Science and Engineering (CSE), scheduled on ___10/1/19___ at ___10:00 am___ at the SNIST, Hyderabad. The following members have attended the meeting.

1.	Dr. V. Aruna	Chairman	
2.	Prof. O.B.V. Ramanaiah, JNTUH	Member	
3.	Dr. I. Vikram Pudi IIIT, Hyd ⎫Academia	Member	Absent
4.	Dr. R. GuruRaj, BITS, Hyd ⎭	Member	
5.	Mr. P. Anirudh, Sunnera Tech., Hyd	Member	
6.	Mrs. Sushma Leela, Scientist ISRO	Member	
7.	Dr. T.V. Rajinikanth	Member	
8.	Prof. T.V. Narayana Rao	Member	
9.	Dr. Prasanta Kumar Sahoo	Member	
10.	Dr. K. Shirisha	Member	
11.	Dr. Najimudheen ESF	Member	
12.	Mr. N.V. Subba Reddy	Member	
13.	Mr. K. Damodhar Rao	Member	
14.	Mr. Amedapu Srinivas Reddy	Member	
15.	Mr. M. Ram Chandra	Member	

Minutes:

1. The Course Structure for 2018-19 Regulation as per the model curriculum circulated by AICTE is approved

2. The Course's syllabi for B.Tech CSE 2nd year for 2018-19 Regulation as per the model curriculum circulated by AICTE is approved

3. The changes in the Course Structure of B.Tech CSE 3rd and 4th years (I sem and II sem) for the 2017 Regulation are approved.

ollowing are the changes:

- **3rd year 1st semester:**
  a) Computer Networks and Computer Networks lab are shifted to 3rd year 2nd semester and in place, Data Warehousing and Data mining (DWDM) and Data Warehousing and Data mining Lab (DWDM Lab) are moved here from 4th year 1st semester.

  b) Python Programming is introduced by shifting Theory of Computation to 3rd year 2nd semester.

  c) Python Programming Lab exercises are clubbed with Object Oriented Analysis and Design (OOAD) Lab.

  d) Effective English Communication and Soft Skills (EEC) is brought from 3rd year 2nd semester to 3rd year 1st semester.

- **3rd year 2nd semester:**
  a) Linux Programming and Linux Programming Lab are replaced by Computer Networks and Computer Networks Lab.

  b) Linux Programming moved as PE- I in Advanced Software Languages Stream

  c) Compiler Design is shifted to 4th year 1st semester and in place Theory of Computation is located.

  d) Web Technologies and Compiler Design Lab is replaced by Web Technologies Lab.

- **4th year 1st semester:**
  a) Data Warehousing and Data mining (DWDM)- shifted to 3rd year 1st semester and Compiler Design is placed here.

  b) Data Warehousing and Data mining Lab (DWDM Lab)- shifted to 3rd year 1st semester, and in place Compiler Design and Information Security Lab is positioned here.

  c) Software Testing Lab is replaced by Software Automation and Testing Lab.

4. Courses' (Core and Professional Electives- I, II, III, IV and V) syllabi of the B.Tech. (CSE) 3rd and 4th years (1st and 2nd semesters) for the 2017 Regulation are approved.

5. The following Service courses' syllabi are approved:
   a) Computer Network
   b) Java Programming
   c) Operating System Concepts

V Anu
10|1|2019
Head, Department of CSE
Sreenidhi Institute of Science & Technology,
Yamnampet, Ghatkesar, Hyderabad-501 301