

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
(An Autonomous Institution)
Yamnapet, Ghatkesar, Hyderabad – 501 301

Minutes of the Seventh Meeting of Academic Council of Sreenidhi Institute of Science & Technology (SNIST) (An Autonomous Institution) held on 25-07-2015 at 3.00 p.m. in the Aditi Guest House, Jawaharlal Nehru Technological University, Hyderabad.

Members Present

Sl. No.	Name of the Member	Designation
1	Dr.K. Sumanth	Chairman, Principal, SNIST, Hyderabad
2	Mr. Ramesh Datla	Chairman & MD, Elico Ltd., Hyderabad
3	Dr. Ch. Sri Nagesh	National Head – Campus Connect, Infosys Technologies, Hyderabad
4	Prof. A. Govardhan	Professor and Director, SIT, JNTUH, Hyderabad
5	Prof. N.V. Ramana Rao	Registrar, JNTUH, Hyderabad
6	Prof. G. Madhavi Latha	Director, Innovative Technologies Centre, JNTUH, Hyderabad
7	Dr. P. Narasimha Reddy	Executive Director, SNIST, Hyderabad
8	Prof. T. Ch. Siva Reddy	HoD, Mech., SNIST, Hyderabad
9	Prof.S.P. Venu Madhava Rao	HoD, ECE, SNIST, Hyderabad
10	Prof. Aruna Varanasi	HoD, CSE, SNIST, Hyderabad
11	Prof. V.V.S.S.S. Balram	HoD, IT, SNIST, Hyderabad
12	Dr. Ameet Chavan	HoD, ECM, SNIST, Hyderabad
13	Prof. P. Venkat Reddy	HoD, S&H, SNIST, Hyderabad
14	Prof. V. Sesha Srinivas	HoD, BT, SNIST, Hyderabad
15	Dr. M. Sukanya	HoD, SMS, SNIST, Hyderabad
16	Prof. S. Bhujanga Rao	Director, SOE, SNIST, Hyderabad
17	Sri G. Prasad Acharya	Assoc. Professor, ECE, SNIST, Hyderabad
18	Mr. V. Krishna Murthy	Asst. Professor, EEE, SNIST, Hyderabad
19	Prof. M. Komaraiah	Member Secretary, SNIST, Hyderabad

Other Faculty members present

1	Dr. Ramachandram	Special Invitee – Principal, OU College of Engineering, Hyderabad.
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Leave of Absence

1	Dr. Varma Rudraraju	CEO, Aizant Drug Research Solutions, Hyd
2	Dr. B.S. Murty	Professor, IIT Madras, Chennai

Dr. P. Narasimha Reddy, Executive Director, SNIST, welcomed the members

Dr. K. Sumanth, Principal, SNIST briefed the developments that took place from 24th May, 2014 (Sixth Academic Council) till date.

The Members of the Academic Council have suggested the following to be incorporated in the Academic Regulations:

1. a) For promotion from I year to II year, 50% of the credits for which the students registered at the beginning of I year I semester and I year II semester taken together have been approved.
b) For promotion from II year to III year, 60% of the credits for which the students registered at the beginning of I year I semester to II year I semester or 60% of credits from I year I semester to II year II semester together have been approved.
c) For promotion from III year to IV year, 60% of the credits for which the students registered at the beginning of I year I semester to III year I semester or I year I semester to III year II semester together have been approved.
2. It is decided to define the pre-requisites for all the courses when a particular student is opting. The student should see the pre-requisites after consulting the faculty advisor and then only he / she can register for a particular course.
3. It is decided to offer one Professional elective in each semester so that the Professional elective – I can be started from II year II semester instead of III year I semester or an open Elective from II year II semester onwards.
4. Precision Engineering subject is to be introduced in B. Tech. Mechanical Engineering as an Elective.
5. Industrial oriented mini project is to be registered at the end of III year II semester, i.e. during Summer vacation and it is to be examined at the end of IV year I semester.
6. Gold Medal can be awarded to a student who is a topper and who clears all the theory subjects, labs and other examinations in single attempt.
7. POs, Course Outcomes, and PEOs are to be defined properly and incorporated in the syllabus of each subject.
8. A student has to get SGPA equal to 5 or more in each semester. If he/she secures less than 5, he / she be permitted to write again the end semester examinations in the subjects of his / her choice in the ensuing semester as and when the subject (s) are offered for improving the grade in the subjects concerned so that SGPA of 5 can be attained.
9. The performance of a student in each semester shall be evaluated subject-wise for a maximum of 100 marks for theory and 100 marks for practical subjects. The Project phase – II will be for 200 marks.

ACADEMIC REGULATIONS 2015 for B. Tech (Regular)

(Effective for the students admitted into I year from the Academic Year 2015-2016 onwards) under Choice Based Credit System.

1. Award of B. Tech. Degree

A student will be declared eligible for the award of B. Tech. Degree if he fulfils the following academic regulations:

- 1.1 The candidate shall pursue a course of study for not less than 3 ½ years and not more than eight academic years.
 - 1.2 **After eight academic years of course of study, the candidate is permitted to write the examinations for two more years.**
 - 1.3 The candidate shall register for 192 credits and secure 192 credits. The student can avail exemption of 8 credits for calculation of CGPA. Thus, the student can request for considering the best 184 credits for calculation of final CGPA and award of division. In case a student who passed in all subjects, but the SGPA in any semester is less than "5", he/she can be permitted to write the end semester examinations in the subjects of his/her choice in the corresponding semester for improving the grade in the subjects concerned so that the SGPA of "5" can be attained. Thus a student will not be permitted to write the end semester examinations SGPA 5, again for the purpose of improving the grade in the subject and hence the SGPA, in the event the student has already secured SGPA of 5 and above.
2. The Students., who fail to fulfill all the academic requirements for the award of the degree within eight academic years of their admission , shall forfeit their seat in B.Tech. Degree. However, he/she will be given two more years for writing the examinations
3. Course of study
The following courses of study are offered at present in various specializations for the B.Tech. Degree

Serial No	Name of the Course
01	Bio-Technology
02	Computer Science and Engineering
03	Electrical and Electronics Engineering
04	Electronics and Communication Engineering
05	Electronics and Computer Engineering
06	Information Technology
07	Mechanical Engineering

4. Credits (Semester system from I year onwards)

Sl.No.	Type of Subject	Periods / Week	Credits
1	Theory	03/04	03/04
2	Practical	02/03/04	01/02
3	Engineering drawing - I	01 L/04D (I year I Sem)	03
4	Engineering drawing - II	01 L/02D (I year II Sem)	02
5	Group Project	03	02
6	Industry oriented Mini Project	4 weeks in summer vacation at the end of III year – II sem	02
7	Project Phase -I	IV year – I sem	02
8	Technical Paper writing and seminar	I year – I sem to IV year II Sem	01 each
9	Project Phase – II	IV year - II Sem	12
10	Comprehensive Viva Voce	At the end of II year - II Sem	01
11	Comprehensive Viva Voce	At the end of III year - II Sem	01
12	Comprehensive Viva Voce	At the end of IV year - II Sem	01

5 Distribution and Weightage of Marks

- 5.1 The performance of a student in each semester shall be evaluated subject-wise for a maximum of 100 marks for a theory and 100 marks for a practical subject. In addition, industry-oriented mini-project, group project, Project Phase –I will also be evaluated for 100 marks, Project Phase – II for 200 marks, Technical Paper writing and Seminar and comprehensive viva for 100 marks.
- 5.2 For all the subjects the distribution of marks shall be 25 for Internal Evaluation and 75 for the End-Examination.

5.3 Theory Subjects

a) Pattern for Internal Evaluation

(i) Subjects except Foreign languages (16+5+4=25 Marks)

- There shall be two mid session examinations in every theory course. 16 **marks** are earmarked for each mid session examination. The marks shall be awarded considering the average of two mid session examination marks in each course. If any candidate is absent for any subject in a mid session examination and/or wishes to improve the performance, a Third Mid session exam will be conducted for the Student by the College in the entire syllabus on the same day of the main examination on a payment of Rs.500 for each subject or as decided by the Finance Committee. The result will be treated equal to Third test and average of better two tests will be considered. Each mid test will have compulsory questions without choice and long answer questions as detailed in the following paragraphs.
- Separate registration for third mid for each subject can be done by the student by paying an amount of Rs 500/- or as revised by Finance Committee of SNIST from time to time, for each subject

(This pattern will be applicable for the candidates who are admitted in 2012-13, 2013-14 and 2014-15 also as this is approved by Academic Council.)

- The mid sessional examination question paper shall be of two parts, i.e. Part 'A', and Part 'B'.
- **Part–A:** Part A shall have no choice and will have short answer questions for **4 marks**.
- **Part–B:** Part B of the question paper shall have subjective type questions for **12 marks** and shall have 4 questions out of which 3 are to be answered. At least one question must appear from each unit and fourth question must be with 3 bits each from one unit. All questions carry equal marks. The total time duration for this test shall be 90 minutes.
- Each Mid session examination in theory subjects will be restricted to three units, out of the total of 6 units of syllabus, i.e. Mid session exam – I will be on Units 1 to 3, Mid session exam – II will be on Units 4 to 6.
- Two assignments shall be given for a total weightage of 4 marks. Assignment-I is to be submitted before the first mid examination for award of 2 marks and for assignment-II which is to be submitted before the second mid test, for award of 2 marks. Students will be given back the assignment before mid session examinations. One mark is allotted for class notes which are to be signed by concerned teacher every fortnight.
- Five marks for each theory course shall be given for those students who put in attendance in a graded manner as given below:

S.No.	Attendance Range	Marks Awarded
1.	65 and above but less than 75%	1
2.	75% and above and up to 82%	2
3.	More than 82% and up to 90%	3
4	More than 90%	4

- Marks for attendance shall be added to each subject based on average of attendance of all subjects put together.
- Award of final sessional marks: Attendance, average marks of two assignments, marks for class notes and mid-examination marks shall be added and the total marks are awarded as final sessional marks.

(ii) Foreign languages

2 written tests (Average of two to be taken)	12 marks
Oral Comprehension	04 marks
Assignment & Class notes	04 marks
Attendance	05 marks

b) Pattern for External Examinations (75 marks)

- There shall be external examination in every theory course it shall consists of two parts (part-A & part-B). The total time duration for this end examination will be 3 hours.
- Part-A shall have 25 marks, which is compulsory. It will have 10 short questions out of which 5 questions are set with 3 marks each and another 5 questions are set with 2 marks
Part-B of the question paper shall have subjective type questions for 50 marks and shall have 8 questions out of which 5 are to be answered. At least one question must appear from each Unit. And not more then 2 questions from any one unit. All the questions carry equal marks.

iv. Pattern of Evaluation for Lab subjects (100 marks)

For practical subjects there shall be a continuous evaluation during the semester for 25 sessional marks and 75 marks for end examination. Out of the 25 marks for internal, the distribution is as follows

1.	Day to Day work	05 marks
2.	Final Record and viva	05 marks
3.	Average of two tests including viva	05 marks
4.	Lab Based Project Report and viva	05 marks
6.	Project Demo	05 marks
Total		25 marks

The end examination for 75 marks shall be conducted by an external examiner and an internal examiner appointed by the Chief Superintendent of Examinations of the college. The marks are distributed as follows:

1.	Procedure to experiment and calculation	15 marks
2.	Conduct of experiment, observation, Calculation	30 marks
3.	Results including graphs, discussions and conclusion	20 marks
4.	Viva voce and Record	10 marks
Total		75 marks

In case computer based examinations

1.	Flow chart and algorithms	15 marks
2.	Program writing and execution	30 marks
3.	Result and conclusions	20 marks
4.	Viva voce and Record	10 marks
Total		75 marks

5.5 For the subject having design and/or drawing, (such as Engineering Drawing I, Engineering Drawing II and Machine Drawing), the distribution shall be 25 marks for internal evaluation (10 marks for day-to-day work including drawing, home assignment work, 10 marks for internal tests and 5 marks for attendance) and 75 marks for end semester examination. There shall be two internal tests in a Semester and the average of the two shall be considered for the award of marks for internal tests. Third test facility can be availed as mentioned above (5.3 (a) 1)

- 5.6 Group Project (25+75=100 Marks) – This can be Inter disciplinary
 A group project shall be carried out by a group of students consisting of 2 to 3 in number in third year first semester. This work shall be carried out under the guidance of teacher(s) and shall involve design, fabrication, software development or any other significant activity. This can be of interdisciplinary nature also. There will be 100 marks in total with 25 marks of internal evaluation.

The internal evaluation shall consist of:

Day to day work	10 marks
Report	05 marks
Demonstration / presentation	10 marks
Total sessional marks	25 marks
End Examination	75 Marks

The end examination will be carried out by a committee consisting of an external examiner, Head of the department or his nominee, a senior faculty member and the supervisor for 75 marks.

Student shall be deemed to have satisfied the requirement for the subject concerned, if the student secures not less than 35% marks in the end examination and minimum of 40% of marks in the sum total of the internal evaluation and end examination taken together.

5.7 Industry oriented mini project (25+75=100 Marks)

There shall be an industry-oriented mini-Project in their specialization that may be carried out in collaboration with an industry / R & D organization / Academic Institution, to be taken up during the vacation after III year II Semester examination. However, the mini project and its report shall be evaluated during IV year I Semester. The industry oriented mini project shall be evaluated for a total of 100 marks with 25 marks for internal assessment and 75 marks for end examination. The mini project must be submitted in report form and should be presented before a committee, consisting of an external examiner, Head of the department or his nominee, a senior faculty member of the department and supervisor of the mini project when IV year I semester end examinations are carried out.

The pattern of internal evaluation is as follows:

Work in progress as evaluated by internal guide	5 marks
Work in progress as evaluated by External guide	5 marks
Report	5 marks
Seminar presentation and defense of project	10 marks
Total	25 marks

If the mini project is conducted within the college, the work in progress is evaluated by the supervisor for 10 marks.

Student shall be deemed to have satisfied, if the student secures not less than 35% marks in the end examination and minimum of 40% of marks in the sum total of the internal evaluation and end examination taken together.

5.8. Project Phase -I (100 Marks)

A project Phase I in fourth year first semester will be evaluated for 100 marks as follows. This is aimed at the students to identify and show progress in a project on which they are likely to continue for their project in final year second semester.

The internal evaluation shall consist of:

Day to day work	10 marks
Report	05 marks
Demonstration / presentation	10 marks
Total sessionals marks	25 marks

End Examination 75 marks

There shall be end semester evaluation in project phase – I. Student must secure 40% marks i.e. 30 marks out of 75 marks to be successful.

5.9. Project Phase – II (50+150=200 Marks)

Out of total 200 marks for project work (in the final year second semester), 50 marks shall be for Internal Evaluation and 150 marks for the External Evaluation at the end of the Semester.

The pattern of Internal Evaluation is as follows:

Division of marks for internal assessment – 50 marks

Progress of Project work and the corresponding interim report as evaluated by internal guides at the end of 5 weeks	05 marks
Seminar at the end of 5 weeks	05 marks
Progress of Project work as evaluated by guides at the end of 10 weeks	05 marks
Seminar at the end of 10 weeks	05 marks
Evaluation by the Guides (at the end of 15 weeks)	10 marks
Final Project Report	05 marks
Final presentation and defense of the project	15 marks
Total	50 marks

External Evaluation of the project (viva-voce) shall be conducted by a committee appointed by the chief superintendent. The committee consists of an external examiner, HoD, a senior faculty member and internal guide.

If the project is carried out internally the marks supposed to be given by external guide will be given by internal guide himself.

Division of Marks for External Evaluation – 150 Marks

Pattern of External Evaluation for Project Phase -II

Final Project Report	30 marks
Presentation	20 marks
Demonstration / Defense of Project	100 Marks
Total	150 marks

Student shall be deemed to have satisfied, if the student secures not less than 35% marks in the end examination and minimum of 40% of marks in the sum total of the internal evaluation and end examination taken together. i.e 80 marks to be successful in this subject.

5.10 Technical Paper writing & Seminars I to VIII (100 Marks)each

There shall be a technical Paper writing & seminar evaluated for 100 marks in every Semester from I year I Sem to IV year II Sem. The evaluation is purely internal and will be conducted as follows:

Selection of topic, literature survey Review by the guide	10 marks
Final report and viva	10 marks
Level of content	15 marks
Presentation	20 marks
Discussion & Involvement	15 marks
Class notes	15 marks
Attendance	15 marks
Total	100 Marks

Student must secure 40% i.e. 40 marks to be successful

5.11 Comprehensive Viva-voce(II-II, III-II and IV-II)

There shall be comprehensive viva voce as stated above which will be evaluated for 100 marks. The evaluation is purely internal and will be conducted by a committee consisting of Head of the Department or his nominee and two senior teachers.

First mid-sessional viva at the end of 5 weeks	25 marks
Second mid-sessional viva at the end of 10 weeks	25 marks
Final viva during practical examinations	50 marks
Total	100 Marks

5.12 The evaluation has to be carried out by two teachers independently and average be taken. The sessional marks awarded by the Department are not final. They are subject to scrutiny by a committee constituted by the college and scaling is done wherever necessary. The recommendations of the Committee are

final and binding. The laboratory records and internal test papers shall be preserved in the respective departments as per the college norms and shall be produced to the Committee of the college or any external agency like NBA etc. as and when the same are called for.

6. Attendance Requirements

- 6.1 A student is eligible to write the end semester examination only if the student acquires a minimum of 75% of average attendance in all subjects registered by him.
- 6.2 Condonation of shortage of attendance up to 10% (65% and above and below 75%) may be granted by the College Academic Committee on medical grounds.
- 6.3 Shortage of Attendance below 65% in cumulative attendance of all the subjects shall not be condoned and he/she cannot register for end semester examination. In case the registration is done earlier through finalization of attendance by the college, the exam fee paid shall be refunded by the college.
- 6.4 Students whose shortage of attendance is not condoned are not eligible to write their end semester examination.

The student will have to register again for the semester in which he is detained and he has to pay the tuition and other fee payable. He has to re-register as and when the concerned semester is offered. He must re-register before commencement of the semester concerned. It is the responsibility of the student to enquire as to when the semester concerned is commencing.

- 6.5. Fee for Condonation of attendance shall be payable for shortage of attendance is Rs.500/- or as devised by the Finance Committee from time to time.
- 6.6 A student can register for a minimum of 20 credits and maximum of 28 credits in any semester.
- 6.7 If any candidate fulfills the attendance requirement in a particular semester he/she shall not be eligible for re-registration of that particular semester, in future. Whatever sessional marks are secured by the student concerned shall remain unchanged.

7. Minimum Academic Requirements

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.6.

- 7.1 A Student is deemed to have satisfied the minimum academic requirements if he/she has earned the credits allotted to each theory/practical/design/drawing subject/project and secures not less than 35% of marks in the end semester exam, and minimum 40% of marks in the sum total of the mid sessionals marks and end semester exams taken

together and also SGPA & CGPA should be 5 and above.

- 7.2 A student shall be promoted from first year to second year only if he/she fulfills the academic requirement of 50% of the credits (24 credits) out of 48 credits of first year from all the examinations and secures prescribed minimum attendance in first year first semester and first year second semester. (Not together).
- 7.3. A student will be promoted from II year to III year only if he/she fulfills the academic requirements of 60% of the credits (i.e.43 credits) out of 72 credits up to II year I Semester or , he/she fulfils the academic requirement of 57 credits out of 96 credits up to II year II Semester, from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.
- 7.4. A student shall be promoted from III year to IV year only if he/she fulfils the academic requirements of 72 credits out of 120 credits up to III year I Semester or 86 credits out 144 credits up to III year II Semester from all the examinations, wheather or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester
- 7.5. A student shall register for 192 credits and earn 192 credits. Marks obtained in the best of 184 credits shall be considered for the calculation of percentage of marks and CGPA and award of division.
- 7.6. Students who fail to earn 192 credits as indicated in the course structure within ten academic years (8 years of study + 2 years additionally for appearing for exams only) from the year of their admission and does not get CGPA of 5, shall forfeit their seats in B.Tech. course and their admission stands cancelled. The student will be awarded degree at the end of four years even though a student completes all the academic requirements in 3 ½ years.

8 Course pattern:

- i. The entire course of study is of four academic years with semester pattern.
- ii. A student eligible to appear for the end semester examination, but absent in a subject(s) or has failed in the end examination may appear for that subject(s) in three consecutive supplementary examinations.
- iii. When a student is detained due to lack of shortage of attendance, he/she may be re-admitted in the concerned semester. However, the academic regulations applicable are those that existed when he/she was first admitted.

9) Registration

1. Hard-core subject of one department can be considered to be soft-core subject for another department under open or professional elective.

2. The percentage of total credits that can be taken by a student in a semester be limited to 28. However, the number of credits for which a student has to register in a semester, shall not be less than 20 credits.
3. The student can complete the program in 3 ½ years but original degree will be issued along with his / her batch mates after 4 years. The students shall complete the program within 8 years with 2 years of permission to appear for exams totaling to 10 years.
4. Attendance requirement be based on cumulative attendance of the subjects the candidate registered in a semester including audit and mandatory courses.
5. Audit and mandatory courses will be offered with 0 credits for the benefit of students.
6. If a student does not get SGPA ≥ 5 in each semester, and CGPA ≥ 5 at the end of the course, he/she shall not be awarded the degree and the student can drop one or two subjects and improve the credits by appearing for supplementary examinations in those subjects.
7. The number of credits for theory courses will be equal to the number of hours of instruction in theory per week. The number of credits for a practical / drawing, project will be equal to half the number of hours rounded off to next higher digit. Tutorial will not be taken in to consideration for a credit.

10) Evaluation process

The marks secured by the student in the internal assessment, Seminars, Practicals, Project and semester end examinations are converted into GPA, SGPA and CGPA (Letter grades and Grade points). A 10-points grading system with the following

Table 1			Table 2
Grades and Grade points			Proposed Range of marks for Grade
Letter Grade	Achievement Scale	Grade Point	Academic Performance (% of marks scored)
O	Outstanding	10	80.00 – 100.00
A+	Excellent	9	70.00 – 79.99
A	Very Good	8	60.00 – 69.99
B+	Good	7	55.00 – 59.99
B	Above Average	6	50.00 – 54.99
C	Average	5	45.00 – 49.99
P	Pass	4	40.00 – 44.99

F	Fail	0	Less than 40
Ab	Absent	0	--

1. A Student obtaining Grade F Shall be considered failed in the subject and will be required to re- appear in the end examinations
2. For non credit courses 'satisfactory' or unsatisfactory' shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA / CGPA.
3. A student must get $SGPA \geq 5$, and $CGPA \geq 5$. If he/she , does not get $SGPA \geq 5$, the student can drop one or two subjects and reappear to improve the credits
4. The Institute can decide on the grade or percentage of marks required to pass in a course and also the CGPA required to qualify for a degree taking into consideration the policy of parent University and the statutory professional councils such as AICTE.

11) Computation of SGPA and CGPA

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA), which are being adopted by this institute

i. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

SGPA (S_i) = $\frac{\sum(C_i \times G_i)}{\sum C_i}$ where C_i is the number of credits of the i th course and G_i is the grade point score by the student in the i th course.

ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the courses of a programme, i.e. **CGPA** = $\frac{\sum(S_i \times C_i)}{\sum C_i}$ where S_i is the SGPA of the i th semester and C_i is the total number of credits in that semester.

iii. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

12) Illustration of Computation of SGPA and CGPA and Format for Transcripts

i. Computation of SGPA and CGPA

Course	Credit (C_i)	Grade Letter	Grade Point (G_i)	Credits points (Credit x Grade)
Course 1	3	A	8	3X8=24
Course 2	4	B+	7	4X7 =28
Course 3	3	B	6	3X6=18
Course 4	3	O	10	3X10=30

Course 5	3	C	5	3X5=15
Course 6	4	B	6	4X6=24
	20			139

Thus SGPA = $139 / 20 = 6.95$

The CGPA can be calculated similarly based on the credits taken and grade points scored by the students upto the semester concerned.

13) Classification of result

The final grade point (FGP) to be awarded to the student is based on CGPA secured by the student and given as follows.

CGPA	FGP	
	Numerical Index	Qualitative Index
$5.0 \leq \text{CGPA} < 6.0$	5, 6, 7	SECOND CLASS
$6.0 \leq \text{CGPA} < 7.0$	8	FIRST CLASS
$7.0 \leq \text{CGPA} \leq 10.0$	9, 10	FIRST CLASS WITH DISTINCTION

14) Minimum Instruction Days per Semester:

The minimum instruction days for each semester shall be 90 days.

15) WITHHOLDING OF RESULTS

If the student has not paid the dues, if any, to the institution or if any case of indiscipline is pending against him, or any type of mistake found during the course of study/course of examination process, the result of the student will be withheld and he will not be allowed to register for any course in the subsequent semester. His/her degree will be withheld in such cases.

16) TRANSITORY REGULATIONS

16.1 Discontinued, detained, or failed candidates are eligible for readmission as and when the semester concerned next time is offered.

16.2 After the revision of the regulations, the students of the previous batches will be given two chances for passing in their failed subjects, one supplementary and the other regular. If the students cannot clear the subjects in the given three chances, they shall be given equivalent subjects as per the revised regulations which they have to pass in order to obtain the required number of credits.

16.3 In case of transferred students from other Universities or other colleges of JNTUH University, the credits shall be transferred to SNIST as per the academic regulations and course structure of the SNIST.

17) General

- 17.1. Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
- 17.2. The academic regulation should be read as a whole for the purpose of any interpretation.
- 17.3. In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Academic Council of SNIST is final.
- 17.4. The Institute may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.
- 17.5. The students seeking transfer to colleges affiliated to JNTUH from various other Universities/Institutions, have to pass the failed subjects which are equivalent to the subjects of JNTUH, and also pass the subjects of JNTUH which the candidates have not studied at the earlier Institution on their own without the right to sessional marks. Further, though the students have passed some of the subjects at the earlier institutions, if the same subjects are prescribed in different semesters of JNTUH, the candidates have to study those subjects in JNTUH in spite of the fact that those subjects are repeated.
- 17.6 There shall be no branch transfers after the completion of admission process.
- 17.7 There can be transfer of students from other colleges of JNTUH, Hyderabad, or any other university with the approval of JNTUH Hyderabad and Govt. of A.P as per the norms stated below:
 - All the affiliated colleges under JNTUH (non-autonomous) have uniform academic regulations, course structure and syllabi. But the affiliated autonomous colleges have the flexibility of designing their own course structure, academic regulations and syllabi.
 - As per the rule of autonomy to the affiliated colleges, atleast 80% of the syllabus shall be common with University affiliated colleges syllabi. The transfer of students from one affiliated college of JNTUH to another affiliated autonomous college of JNTUH only after completion of first year before starting of second year class work provided that the additional subjects at affiliated autonomous college (first year level) must be studied by the candidate without any sessional marks.
 - Any detained candidate seeking readmission to Autonomous mode shall continue his course along with autonomous college class and the academic regulations at the time of his/her admission shall be followed for award of degree.
 - The students have to fulfill the Academic Regulations in force at the time of their admission including the substitute or additional

subjects and minimum attendance requirements, even though the students studies some semesters in autonomous mode.

ACADEMIC REGULATIONS A15 FOR B. TECH. (LATERAL ENTRY SCHEME)

Applicable for the students admitted into II year B. Tech. (LES) from the Academic Year 2015-16 and onwards

1) Eligibility for award of B. Tech. Degree (LES)

- I. The LES candidates shall pursue a course of study for not less than three academic years and not more than six academic years.
- II. They shall be permitted to write the examinations for two more years after six academic years of course work.

The candidate shall register for 144 credits and secure 144 credits from II to IV year B.Tech. Program (LES) for the award of B.Tech. degree .

The student can avail exemption of 8 credits for calculation of CGPA. Thus, the student can request for considering the best 136 credits for calculation of final CGPA and award of division. In case a student who passed in all subjects, but the SGPA in any semester is less than "5", he/she can be permitted to write the end semester examinations in the subjects of his/her choice in the corresponding semester for improving the grade in the subjects concerned , so that the SGPA of "5" can be attained. Thus a student will not be permitted to write the end semester examinations once again for the purpose of improving the grade in the subject and hence the SGPA, in the event the student has already secured SGPA of 5 and above.

- 1.2. The students, who fail to fulfil the requirement for the award of the degree in 6 consecutive academic years (6 years of study + 2 years additionally for appearing exams only) from the year of admission, shall forfeit their seats.
- 1.3. The attendance and other regulations of B. Tech. (Regular) shall be applicable to B.Tech. (LES).

2. Attendance Requirements

- 2.1 A student is eligible to write the end semester examination only if the student acquires a minimum of 75% of average attendance in all subjects registered by him.
- 2.2 Condonation of shortage of attendance up to 10% (65% and above and below 75%) may be granted by the College Academic Committee on medical grounds.
- 2.3 Shortage of Attendance below 65% in cumulative attendance of all the subjects shall not be condoned and he/she cannot register for end semester examination. In case the registration is done earlier through finalization of attendance by the college, the exam fee paid shall be refunded by the college.
- 2.4 Students whose shortage of attendance is not condoned are not eligible to

write their end semester examination. The student will have to register again for the semester in which he is detained and he has to pay the tuition and other fee payable. He has to re-register as and when the concerned semester is offered. He must re-register before commencement of the semester concerned. It is the responsibility of the student to enquire as to when the semester concerned is commencing.

- 2.5. Fee for Condonation of attendance shall be payable for shortage of attendance is Rs.500/- or as devised by the Finance Committee from time to time.
- 2.6 A student can register for a minimum of 20 credits and maximum of 28 credits in any semester.
- 2.7 If any candidate fulfills the attendance requirement in a particular semester he/she shall not be eligible for re-registration of that particular semester, in future. Whatever sessional marks are secured by the student concerned shall remain unchanged.

3. Minimum Academic Requirements

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.6.

- 3.1 A Student is deemed to have satisfied the minimum academic requirements if he/she has earned the credits allotted to each theory/practical/design/drawing subject/project and secures not less than 35% of marks in the end semester exam, and minimum 40% of marks in the sum total of the mid sessionals marks and end semester exams taken together and also SGPA & CGPA should be 5 and above.
- 3.2. A student will be promoted from II year to III year only if he/she fulfills the academic requirements of 50% of the credits (i.e.24 credits) out of 48 credits up to II year II Semester, from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year I semester and II year II semester(Not together)
- 3.3. A student shall be promoted from III year to IV year only if he/she fulfills the academic requirements of 43 credits out of 72 credits up to III year I Semester or 57 credits out 96 credits up to III year II Semester from all the examinations, wheather or not the candidate takes the examinations and secures prescribed minimum attendance in III year I semester and III year II semester (not together)
- 3.4 A student shall register for 144 credits and earn 144 credits. Marks obtained in the best of 136 credits shall be considered for the calculation of percentage of marks(CGPA) and award of division.
- 3.5. Students who fails to earn 144 credits as indicated in the course structure within eight academic years (6 years of study + 2 years additionally for appearing for exams only) from the year of their admission and does not get CGPA of 5, shall forfeit their seat in B.Tech. course and their admission stands cancelled. The student will be awarded degree at the

end of four years even though a student completes all the academic requirements in 3 ½ years.

4 Course pattern:

- i. The entire course of study is of four academic years with semester pattern.
- ii. A student eligible to appear for the end semester examination, but absent in a subject(s) or has failed in the end examination may appear for that subject(s) in three consecutive supplementary examinations.
- iii. When a student is detained due to lack of shortage of attendance, he/she may be re-admitted in the concerned semester. However, the academic regulations applicable are those that existed when he/she was first admitted.

2) Re-Registration

1. Hardcore of one department can be considered to be a soft core for another department.
2. The total credits that can be taken by a student in a semester be limited to 28. However, the number of credits for which a student has to register in a semester, shall not be less than 20 credits.
3. Audit and mandatory courses will be offered with 0 credits for the benefit of students.
4. If a student does not get SGPA ≥ 5 , and CGPA ≥ 5 , he/she shall not be awarded the degree and the student can drop one or two subjects and improve the credits.
5. The number of credits for theory courses will be equal to the number of hours of instruction per week. The number of credits for a practical / drawing, project will be equal to half the number of hours. Tutorial will not be taken in to consideration for a credit.

3) Evaluation process

The marks secured by the student in the internal assessment, Assignments, Seminars, Practicals, Project and semester End examinations are converted into GPA, SGPA and CGPA (Letter grades and Grade points). A 10-points grading system with the following

Table 1			Table 2
Grades and Grade points			Proposed Range of marks for Grade
Letter Grade	Achievement Scale	Grade Point	Academic Performance (% of marks scored)
O	Outstanding	10	80.00 – 100.00
A+	Excellent	9	70.00 – 79.99
A	Very Good	8	60.00 – 69.99
B+	Good	7	55.00 – 59.99
B	Above Average	6	50.00 – 54.99
C	Average	5	45.00 – 49.99
P	Pass	4	40.00 – 44.99
F	Fail	0	Less than 40
Ab	Absent	0	--

5. A Student obtaining Grade F Shall be considered failed and will be required to re- appear in the examinations
6. For non credit courses 'satisfactory' or 'unsatisfactory' shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA / CGPA.
7. A student must get $SGPA \geq 5$, and $CGPA \geq 5$. If he/she , does not get $SGPA = 5$, the student can drop one or two subjects and re-register to improve the credits
8. The Institute can decide on the grade or percentage of marks required to pass in a course and also the CGPA required to qualify for a degree taking into consideration the policy of Parent University and the statutory professional councils such as AICTE.

6)Classification of result

The final grade point (FGP) to be awarded to the student is based on CGPA secured by the student and given as follows.

CGPA	FGP	
	Numerical Index	Qualitative Index
$5.0 \leq CGPA < 6.0$	5, 6, 7	SECOND CLASS
$6.0 \leq CGPA < 7.0$	8	FIRST CLASS
$7.0 \leq CGPA \leq 10.0$	9, 10	FIRST CLASS WITH DISTINCTION

7) Minimum Instruction Days:

The minimum instruction days for each semester shall be 90 days.

There shall be no branch transfers after the completion of the admission process. There shall be no transfer from one college/stream to another within the Constituent Colleges and Units of Jawaharlal Nehru Technological University Hyderabad.

8) WITHHOLDING OF RESULTS

If the student has not paid the dues, if any, to the institution or if any case of indiscipline is pending against him, or any mistake found during the course of study / course of examination process during the course of study, his/her degree will be withheld in such cases.

9) TRANSITORY REGULATIONS

9.1 Discontinued, detained, or failed candidates are eligible for readmission as and when next offered.

9.2 After the revision of the regulations, the students of the previous batches will be given two chances for passing in their failed subjects, one supplementary and the other regular. If the students cannot clear the subjects in the given two chances, they shall be given equivalent subjects as per the revised regulations which they have to pass in order to obtain the required number of credits.

9.3 In case of transferred students from other Universities or other colleges of JNTUH University, the credits shall be transferred to SNIST as per the academic regulations and course structure of the SNIST.

Note: All the academic rules applicable to B. Tech.,(Regular) will also be applicable to B. Tech. Lateral Entry students.

MALPRACTICES RULES

DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS

	Nature of Malpractices/Improper conduct	Punishment
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled by the college
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.

4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work

		and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the college authorities for further action to award suitable punishment.	

ACADEMIC REGULATIONS FOR M.TECH & MBA COURSES

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY (An Autonomous Institution) JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC REGULATIONS FOR M.TECH (Full-Time) DEGREE COURSE (Effective for the students admitted into first year from the academic year 2015-16)

Applicable for the students of M. Tech. (Regular) Course from the Academic Year 2015-16 and onwards

The M. Tech. Degree of Jawaharlal Nehru Technological University Hyderabad shall be conferred on candidates who are admitted to the program and who fulfill all the requirements for the award of the Degree.

1. ELIGIBILITY FOR ADMISSIONS

Admission to the above program shall be made subject to eligibility, qualification and specialization as prescribed by the University from time to time.

Admissions shall be made on the basis of merit/rank obtained by the candidates at the GATE or qualifying Entrance Test conducted by the University or on the basis of any other order of merit as approved by the University, subject to reservations as laid down by the Govt. from time to time.

2. AWARD OF M. TECH. DEGREE

- 2.1 A student will be declared eligible for the award of the M. Tech. Degree, if he pursues a course of study in not less than two and not more than four academic years. However, he is permitted to write the examinations for two more years after four academic years of course work.
- 2.2 A student, who fails to fulfill all the academic requirements for the award of the degree within four academic years from the year of his admission, shall forfeit his seat in M. Tech. course.
- 2.3 The student shall register for all 96 credits and secure all the 96 credits. In case a student who passed in all subjects, but the SGPA in any semester is less than 5.0 he/she can be permitted to write the end semester examinations in the subjects of his/her choice in the corresponding semester in the following academic year for improving the grade in the subjects concerned so that the SGPA of 5.0 can be attained. Thus a student will not be permitted to write the end semester examinations once again for the purpose of improving the grade in the subject and hence the SGPA, in the event the student has already secured SGPA of 5.0 and above.
- 2.4 The minimum instruction days in each semester are 90.

3. A. COURSES OF STUDY

The following specializations are offered at present for the M. Tech. course of study.

1. Bio-Technology
2. CAD/CAM
3. Digital System and Computer Electronics
4. Computer Networks and Information Security
5. Electrical Power Engineering
6. Nano Technology
7. Software Engineering
8. Computer Science and Engineering
9. VLSI and Embedded Systems

and any other course as approved by the authorities of the college/ University /AICTE from time to time.

3. B. Departments offering M. Tech. Programmes with specializations are noted below:

Sl. No.	Department	M.Tech Course
1	Biotechnology	Bio-Technology
2	CSE	Software Engineering
3	CSE	Computer Science and Engineering
4	EEE	Electrical Power Engineering
5	ECE	Digital Systems and Computer Electronics
6	ECE	VLSI and Embedded Systems
7	ME	CAD/CAM
8	ME	Nano Technology
9	IT	Computer Networks and Information Security

4.0 ATTENDANCE : The programs are offered on a unit basis with each subject being considered a unit.

- 4.1 A student shall be eligible to write End Semester examinations if he/she acquires a minimum of 75% of attendance in cumulative attendance of all the subjects registered including the days of attendance in sports, games, NCC and NSS etc., activities.
- 4.2 Condonation of shortage of attendance up to 10% (65% and above and below 75%) in cumulative attendance of the semester shall be granted by the College Academic Committee. A condonation fee of Rs.500/- or as decided by finance committee time to time has to be paid if there is shortage of attendance (attendance between 65% to 75%)
- 4.3 Shortage of Attendance below 65% in the semester, shall **IN NO CASE** be condoned and he/she cannot register for end examinations.
- 4.4 A candidate who is detained due to shortage of attendance may seek re-registration in to the same semester as and when that is offered. If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for re-registration for the same semester. However, he will be permitted to appear for consecutive examinations.

5.0 EVALUATION

The performance of the candidate in each subject shall be evaluated, with a maximum of 100 marks for theory and 100 marks for practicals, on the basis of Internal Evaluation and End Semester Examination.

5.1 There shall be two midterm examinations in every theory course. 16 marks are earmarked for each midterm examination. The marks shall be awarded considering the average of two midterm examination marks in each course. If any candidate is absent from any subject for mid-term examination and he/she wishes to improve the performance, a Third Mid test will be conducted for the Student by the College in the entire syllabus on the same day of the main examinations. The result will be treated equal to a mid test and average of better two mid tests will be considered. Each mid test will have compulsory questions without choice and long answer questions as detailed in the following paragraphs.

- Separate registration for third mid for each subject can be done by the student by paying an amount of Rs 500/- or as decided by the Finance Committee time to time, for each subject (This pattern will also be applicable for the candidates who are admitted in 2014-15).
- **The midterm examination** question paper shall be of two parts, i.e. Part 'A', and Part 'B'.
- Part–A: Part A shall have no choice and will have short answer questions for 4 marks.
- Part–B: Part B of the question paper shall have subjective type questions for 12 marks and shall have 4 questions out of which 3 are to be answered. At least one question must appear from each unit. All questions carry equal marks. The total time duration for this test shall be 90 minutes.
- Each Midterm examination in theory subjects will be restricted to three units, out of the total of 6 units of syllabus, i.e. Midterm exam – I will be on Units 1 to 3, Midterm exam – II will be on Units 4 to 6.
- Two assignments shall be given for a total weightage of 4 marks. Assignment-I for 2 Marks is to be submitted before the first mid examinations and 2 marks for assignment-II which is to be submitted before the second mid test. Students will be given back the assignment before mid term examinations. One mark is allotted for class notes which are to be signed by concerned teacher every fortnight.

Four marks for each theory course shall be given for those students who put in attendance in a graded manner as given below:

S.No.	Attendance Range	Marks Awarded
1.	65 and above but less than 75%	1
2.	75% and above and up to 82%	2
3.	82% and above and up to 90%	3
4	90% and above	4

- Marks for attendance shall be added to each subject based on average of attendance of all subjects put together.
- Award of final sessional marks: Attendance, average marks of two assignments, marks for class notes and mid-examination marks shall be added and the total marks are awarded as final sessional marks.

5.1.1 For theory subjects, during the semester there shall be 2 Midterm examinations and the internal evaluation will be conducted for each subject as follows:

i)	Mid-term examinations -	2
	Average of two to be considered :	16 marks
ii)	Assignments – 2 (Average of two to be considered)	
	(a) Physical submission of assignment	4 marks
	(b) Class notes (to be signed by concerned teacher once in fortnight)	1 mark
iii)	Attendance	4 marks

The question paper after conduct of the examination shall be reviewed by a committee consisting of the concerned teacher and the committee constituted by the department to consider the distribution of questions and their standard. This is to ensure effective teaching learning process and evaluation.

5.1.2 The external examination question paper shall be of two parts, Part 'A' and Part 'B'.

Pattern for External Examinations (75 marks)

There shall be external examination in every theory course and it consists of two parts (part-A & part-B). The total time duration for the end examination will be 3 hours.

Part-A shall have 25 marks, which is compulsory, it will have 10 short questions Out of which 5 questions are to be set for 3 marks each and other five questions are to be set for 2 marks each.

Part-B of the question paper shall have subjective type questions for 50 marks and shall have 7 questions out of which 5 are to be answered. At least one question must appear from each Unit. And not more than 2 questions from each unit All the questions carry equal marks.

Pattern of Evaluation for Lab Subjects (100 marks)

For practical subjects there shall be a continuous evaluation during the semester for 25 sessional marks and 75 marks for end examination. Out of the 25 marks for internal, the distribution is as follows :

1. Day-to-Day Work	- 05 marks
2. Final Record and viva	- 05 marks
3. Average of two tests including viva	- 05 marks
4. Lab based project report and viva	- 05 marks
5. Project demo	- 05 marks
Total	- 25 marks

The end examination 75 marks shall be conducted by an external examiner and an internal examiner appointed by the Chief Superintendent of Examinations of the college. The marks are distributed as follows :

1. Procedure to experiment and calculation	- 15 marks
2. Conduct of experiment, observation, calculation	- 20 marks
3. Results including graphs, discussions and conclusion	- 20 marks
4. Viva voce and record	- 20 marks
Total	- 75 marks

In case computer based examinations (internal) :

1. Flowchart and algorithms	- 05 marks
2. Program writing and execution	- 10 marks
3. Result and conclusions	- 05 marks
4. Viva voce and record	- 05 marks
Total	- 25 marks

5.2 Laboratory marks and the sessional marks awarded by the Department are not final. They are subject to scrutiny and scaling by the college wherever necessary. In such cases, the sessional and laboratory marks awarded by the department will be referred to a Committee. The Committee will arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective departments as per the college norms and shall be produced to the Committee of the college as and when the same is asked for.

5.3 A candidate shall be deemed to have secured the minimum academic requirement in a subject/practical, if he secures a minimum of 40% of marks in the End Examination and a minimum aggregate of 50% of the total marks in the End Semester Examination and Internal Evaluation taken together.

5.4 In case the candidate does not secure the minimum academic requirement in any subject/practical (as specified in 5.3) he has to reappear for the End Examination in that subject/practical. A candidate shall be given chance to appear for supplementary examination three more chances if he fails to complete that subject, he has to re-register for each subject/practical or drop that subject (if it is not core subject). The candidate can re-register, when the college is subsequently offering the subject/practical. In case the college is no longer offering the subject/practical, alternate subject/practical will be suggested by the Department Academic Council consisting of Head of Department and three other senior faculty members of the Department. However, approval has to be taken from the college Academic Committee and Academic Council in this regard. In the event of taking another chance, the internal marks and end examination marks obtained in the previous attempt are nullified. The candidate getting re-registered shall pay tuition / other fees which will be calculated based upon the credits and the fee.

5.5 Technical Paper writing and seminar :

There shall be two seminar presentations during I year I semester and I year II Semester. For seminar, a student under the supervision of a faculty member, shall collect the literature on a topic and critically review the literature and submit it to the Department in a report form and shall make an oral presentation before the Departmental Committee, which shall consist of the Head of the Department, a senior Faculty Member and the Supervisor and will jointly evaluate the report and presentation. For each Seminar there will be only internal evaluation of 100 marks. A candidate has to secure a minimum of 50% to be declared successful.

In the First semester the report must be in the form of the review paper with a format used by IEEE / ASME etc. In the Second semester Technical Seminar in the form of Independent Review Paper must be of high quality fit for publication in a reputed conference / journal.

The evaluation format for seminar is as follows:

- Day to day evaluation by the Supervisor : 15 marks
- Final Report & viva : 15 marks
- Level of content : 20 marks
- Presentation : 15 marks
- Discussion and Involvement : 15 marks
- Attendance : 20 marks

5.6 Comprehensive Viva-Voce:

There shall be a Comprehensive Viva-Voce in II year I Semester. The Comprehensive Viva-Voce will be conducted by a Committee consisting of Head of the Department and two Senior Faculty members of the Department. The Comprehensive Viva-Voce is aimed to assess the students' understanding in various subjects, he/she studied during the M.Tech course of study, The Comprehensive Viva-Voce is valued for 100 marks by the Committee. There are no internal marks for the Comprehensive Viva-Voce. A candidate has to secure a minimum of 50% to be declared successful.

5.7 Project Seminars:

In II year I semester and II semester, a project seminar shall be conducted for 100 marks and for 2 credits (there is no external evaluation) in each of the semester. The evaluation for the project seminar shall be done in two stages, i.e. in the middle of the semester and at the end of the semester. The mid-semester seminar evaluation shall carry 50 marks and the end semester seminar evaluation shall carry 50 marks. (The report for the project seminar will carry 20 marks and the remaining marks (30) shall be for presentation and discussion). A candidate shall secure a minimum of 50% to be declared successful.

6.0 Project work (Part-1)

The student shall submit a project status report at the end of II year I semester along with a review paper on the subject of his thesis, and the same shall be evaluated at the end of that semester by the PRC as Excellent / Good / Satisfactory/Unsatisfactory. In the case of unsatisfactory declaration, the student shall re-submit the Project report after carrying out the necessary modifications / additions in the Project work, within the specified time as suggested by the PRC.

7.0 EVALUATION OF PROJECT/DISSERTATION WORK

Every candidate shall be required to submit a thesis or dissertation on a topic approved by the Project Review Committee.

- 7.1 A Project Review Committee (PRC) shall be constituted with Principal as Chairperson, Heads of all the Departments offering the M. Tech. programs and two other senior faculty members.
- 7.2 Registration of Project Work: A candidate is permitted to register for the project work after satisfying the attendance requirement of all the subjects, both theory and practical.
- 7.3 After satisfying 7.2, a candidate has to submit, in consultation with his project supervisor, the title, objective and plan of action of his project work to the Departmental Academic Committee for approval. Only after obtaining the approval of the Departmental Academic Committee can the student initiate the Project work.
- 7.4 If a candidate wishes to change his supervisor or topic of the project, he can do so with the approval of the Departmental Academic Committee. However, the

Departmental Academic Committee shall examine whether or not the change of topic/supervisor leads to a major change of his initial plans of project proposal. If yes, his date of registration for the project work starts from the date of change of Supervisor or topic as the case may be.

- 7.5 A candidate shall submit his status report in a bound-form in two stages at least with a gap of 3 months between them.
- 7.6 The work on the project shall be initiated at the beginning of the II year and the duration of the project is two semesters. A candidate is permitted to submit Project Thesis only after successful completion of theory and practical course with the approval of PRC not earlier than 40 weeks from the date of registration of the project work. For the approval of PRC the candidate shall submit the draft copy of thesis to the Principal through Head of the Department and make an oral presentation before the PRC.
- 7.7 Three copies of the Project Thesis certified by the supervisor shall be submitted to the College.
- 7.8 The thesis shall be evaluated by one examiner selected by the College. For this, the Head of the department shall submit a panel of 5 examiners i.e. eminent persons with PhD or should have guided at least 5 M.Tech projects or should have been working in an R&D organization at the level of not less than Scientist-C, with the help of the guide concerned. The principal will select one of the examiners and thesis will be sent for evaluation. If the report is favorable, the head of the department must organize for viva-voce examination.
- 7.9 If the report of the examiner is not favorable, the candidate shall revise and resubmit the Thesis, in the time frame as decided by the PRC. If the report of the examiner is unfavorable again, the thesis shall be summarily rejected. Then the candidate has to work on the thesis once again and shall be submitted to the PRC for its evaluation and further action on the matter.
- 7.10 If the report of the examiner is favorable, Viva-Voce examination shall be conducted by a board consisting of the Supervisor, Head of the Department and the examiner who adjudicated the Thesis. The Board shall jointly report the candidate's work as one of the following:

- A. Excellent
- B. Good
- C. Satisfactory
- D. Unsatisfactory

The Head of the Department shall coordinate and make arrangements for the conduct of Viva-Voce examination.

If the report of the Viva-Voce is unsatisfactory, the candidate shall retake the Viva-Voce examination only after three months. If he fails to get a satisfactory report at the second Viva-Voce examination, he has to resubmit the thesis with necessary modifications and the PRC has to review the thesis for further action to be initiated.

8 Course pattern:

- i. The entire course of study is of two academic years with semester pattern.

- ii. A student eligible to appear for the end semester examination, but absent in a subject(s) or has failed in the end examination may appear for that subject(s) and complete within 4 years from the date of admission.
- iii. When a student is detained due to lack of shortage of attendance, he may be re-admitted during the concerned semester. However, the academic regulations applicable are those that existed when he was first admitted.

9 Registration

1. Hardcore of one department can be considered to be a soft core for another department.
2. The students shall complete the program within 4 years with 2 years of permission to appear for exams Total 6 years.
3. Attendance requirement be based on the cumulative of all the subjects which he or she registered in a semester including audit and mandatory courses.
4. The number of credits for theory courses will be equal to the number of hours of instruction per week. The number of credits for a practical / drawing, project will be equal to half the number of hours. Tutorial will not be taken in to consideration for a credit.

Evaluation process :

The marks secured by the student in the internal assessment, Assignments, Seminars, Practicals, Project and semester End examinations are converted into GPA, SGPA and CGPA (Letter grades and Grade points). A 10-points grading system with the following

Table 1			Table 2
Grades and Grade points			Proposed Range of marks for Grade
Letter Grade	Achievement Scale	Grade Point	Academic Performance (% of marks scored)
O	Outstanding	10	80.00 – 100.00
A+	Excellent	9	70.00 – 79.99
A	Very Good	8	60.00 – 69.99
B+	Good	7	55.00 – 59.99
B	Above Average	6	50.00 – 54.99
C	Average	5	45.00 – 49.99
P	Pass	4	40.00 – 44.99
F	Fail	0	Less than 40
Ab	Absent	0	--

- 1) A Student obtaining Grade F Shall be considered failed in the subject and will be required to re appear in the end examinations
- 2) For non credit courses 'satisfactory' or unsatisfactory' shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA / CGPA.
- 3) The Institute can decide on the grade or percentage of marks required to pass in a course and also the CGPA required to qualify for a degree taking into consideration the policy of Parent University and the statutory professional councils such as AICTE.

10. COMPUTATION OF SGPA AND CGPA

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA), which are being adopted by this institute

- i. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.
 $SGPA (S_i) = \frac{\sum(C_j \times G_j)}{\sum C_j}$ where C_j is the number of credits of the j th course and G_j is the grade point scored by the student in the j th course.
- ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the courses of a programme, i.e.
 $CGPA = \frac{\sum(C_j \times G_j)}{\sum C_j}$
where S_i is the SGPA of the i th semester and C_j is the number of credits for the courses registered in that semester.
- iii. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

11. ILLUSTRATION OF COMPUTATION OF SGPA AND CGPA AND FORMAT FOR TRANSCRIPTS

i. Computation of SGPA and CGPA

Course	Credit (C _i)	Grade Letter	Grade Point (G _i)	Credits points (Credit x Grade)
Course 1	3	A	8	3X8=24
Course 2	4	B+	7	4X7=28
Course 3	3	B	6	3X6=18
Course 4	3	O	10	3X10=30
Course 5	3	C	5	3X5=15
Course 6	4	B	6	4X6=24
	20			139

Thus SGPA = 139 / 20 = 6.95

The CGPA can be calculated similarly based on the credits taken and grade points scored by the students upto the semester concerned.

Classification of result

The final grade point (FGP) To be awarded to the student is based on CGPA secured by the candidate and given as follows.

CGPA	FGP	
	Numerical Index	Qualitative Index

5.0<=CGPA< 6.0	5,6,7	SECOND CLASS
6.0<=CGPA<7.0	8	FIRST CLASS
7.0<=CGPA<10.0	9,10	First Class with Distinction

12. Minimum Instruction Days for semester:

The minimum instruction days for each semester shall be 90 days.

13) WITHHOLDING OF RESULTS

If the student has not paid the dues, if any, to the institution or if any case of indiscipline is pending against him, the result of the student will be withheld and he will not be allowed to register for any course in the subsequent semester. His/her degree will be withheld in such cases.

14)TRANSITORY REGULATIONS

14.1 Discontinued, detained, or failed candidates are eligible for readmission as and when the semester concerned next time is offered.

14.2 After the revision of the regulations, the students of the previous batches will be given two chances for passing in their failed subjects in the immediate supplementary and regular examinations. If the students cannot clear the subjects in the given three chances, they shall be given equivalent subjects as per the revised regulations which they have to pass in order to obtain the required number of credits.

14.3 In case of transferred students from other Universities or other colleges of JNTUH University, the credits shall be transferred to SNIST as per the academic regulations and course structure of the SNIST.

15) General

15.1 Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.

15.2 The academic regulation should be read as a whole for the purpose of any interpretation.

15.3 In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Academic Council of SNIST is final.

15.4 The Institute may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the Institute.

15.5 There shall be no branch transfers after the completion of admission process.

MALPRACTICES RULES
DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS

	Nature of Malpractices/Improper conduct	Punishment
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.

Item No: 7.1

Sub: - Confirmation of the Minutes of the Sixth Academic Council Meeting held on 24th May, 2014

The Sixth Academic Council meeting was held on 24-05-2014. The minutes have been circulated to all the members of the Academic Council for approval. No comments have been received from the members. Hence, the minutes have been confirmed.

Item No.7.2

Sub:- Approval of the Minutes of the Joint Board of Studies meeting held on 15th July, 2015 in Seminar Hall of SNIST Campus.

Resolved to approve the Minutes of the Joint Board of Studies meeting held on 15th July, 2015 in Seminar Hall – I in SNIST campus, Hyderabad.

Item No. 7.2 (a)

Sub:- Salient features of Choice Based Credit System for B. Tech., M. Tech. and MBA Courses

Resolved to approve the course structure and syllabus of B. Tech., M. Tech. and MBA courses in the CBCS w.e.f. the academic year 2015-16 as approved by the Joint Board of Studies held on 15-07-2015.

Item No. 7.2 (b)

Sub:- Academic Regulations for B. Tech., M. Tech., and MBA Programs for the Academic Years 2015-16

Resolved to approve the academic regulations for B. Tech., M. Tech., and MBA for the academic year 2015-2016 as approved by the Joint Board of Studies held on 15-07-2015.

Item No. 7.3

Sub:- Approval of the Revised Academic Regulations for B. Tech., M. Tech., and MBA programs with effect from the Academic Year 2015-16

Resolved to approve the Revised Academic Regulations for B. Tech., M. Tech., and MBA programs with effect from the Academic Year 2015-16 onwards and also the course structure along with the syllabus as approved in the respective Board of Studies.

Item No:7.4

Sub: - Approval of the Minutes of the Meeting of BOS of EEE for B. Tech. held on 15-07-2015

Resolved to approve the Minutes of the Meeting of BoS of EEE for B. Tech. held on **15-07-2015** in the Department of EEE, Sreenidhi Institute of Science and Technology, Hyderabad – 501 301.

Item No. 7.5

**Sub: - Approval of the Minutes of the Meeting of BOS of EEE for M. Tech. –
Electrical Power Engineering held on 15-07-2015**

Resolved to approve the Minutes of the Meeting of BoS of EEE for M. Tech. –
Electrical Power Engineering held on 15-07-2015.

Item No. 7.6

**Sub:- Approval of the Minutes of the Meeting of BoS of Mechanical Engineering for
B. Tech. held on 15-07-2015**

Resolved to approve the Minutes of the Meeting of BoS of Mechanical Engineering for
B. Tech. conducted on 15-07-2015.

Item No. 7.7

**Sub:- Approval of the Minutes of the Meeting of BoS of Mechanical Engineering –
for M. Tech. - CAD/CAM held on 15-07-2015**

Resolved to approve the Minutes of the Meeting of BoS of Mechanical Engineering for
M. Tech. – CAD/CAM conducted on **15-07-2015** in the Department of Mechanical
Engineering., Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.8

**Sub:- Approval of the Minutes of the Meeting of BoS of Mechanical Engineering –
for M. Tech. - Nanotechnology held on 15-07-2015**

Resolved to approve the Minutes of the Meeting BoS of Mechanical Engineering for
M. Tech. – Nanotechnology held on **15-07-2015** in the Department of Mechanical
Engineering, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.9

**Sub:- Approval of the Minutes of the Meeting of BoS of ECE for B. Tech. held on
15-07-2015.**

Resolved to approve the Minutes of the Meeting of BoS of ECE for B. Tech. held on
15-07-2015 in the Department of ECE, Sreenidhi Institute of Science and Technology,
Hyderabad.

Item No. 7.10

**Sub:- Approval of the Minutes of the Meeting of BoS of ECE for M. Tech. – Digital
Systems and Computer Electronics held on 15-07-2015**

Resolved to approve the Minutes of the Meeting BoS of ECE for M. Tech. – Digital Systems and Computer Electronics held on **15-07-2015** in the Department of ECE, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.11

Sub:- Approval of the Minutes of the Meeting of BoS of ECE for M. Tech. – VLSI & Embedded Systems held on 15-07-2015.

Resolved to approve the Minutes of the Meeting BoS of ECE for M. Tech. – VLSI & Embedded Systems held on **15-07-2015** in the Department of ECE, Sreenidhi Institute of Science and Technology, Hyderabad. .

Item No. 7.12

Sub:- Approval of the Minutes of the Meeting of BoS of CSE for B. Tech. held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of CSE for B. Tech. held on **15-07-2015** in the Department of CSE, Sreenidhi Institute of Science and Technology, Hyderabad..

Item No.7.13

Sub:- Approval of the Minutes of the Meeting of BoS of CSE for M. Tech. – Software Engineering held on 15-07-2015.

Resolved to approve the Minutes of the Meeting BoS of CSE for M. Tech. – Software Engineering held on **15-07-2015** in the Department of CSE, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.14

Sub:- Approval of the Minutes of the Meeting of BoS of IT for B. Tech. held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of IT for B. Tech. held on **15-07-2015** in the Department of IT, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No.7.15

Sub:- Approval of the Minutes of the Meeting of BoS of IT for M. Tech. – Computer Networks and Information Security held on 15-07-2015.

Resolved to approve the Minutes of the Meeting BoS of IT for M. Tech. – Computer Networks & Information Security held on **15-07-2015** in the Department of IT, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.16

Sub:- Approval of the Minutes of the Meeting of BoS of ECM for B. Tech. held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of ECM for B. Tech. held on **15-07-2015** in the Department of ECM, Sreenidhi Institute of Science and Technology, Hyderabad..

Item No. 7.17

Sub:- Approval of the Minutes of the Meeting of BoS of BT for B. Tech. held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of BT for B. Tech. held on **15-07-2015** in the Department of BT, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.18

Sub:- Approval of the Minutes of the Meeting of BoS of Biotechnology for M. Tech. – Biotechnology held on 15-07-2015.

Resolved to approve the Minutes of the Meeting BoS of BT for M. Tech. – Biotechnology held on **15-07-2015** in the Department of BT, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.19

Sub:- Approval of the Minutes of the Meeting of BoS of School of Management Studies held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of MBA held on **15-07-2015** in the Department of School of Management Studies, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No.7.20

Sub:- Approval of the Minutes of the Meeting of BoS of English Section, Department of S&H held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of English Section, , Dept. of S&H held on **15-07-2015** in the Department of S&H, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.21

Sub:- Approval of the Minutes of the Meeting of BoS of Physics Section, Dept. of S&H Dept. held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of Physics Section, Dept. of S&H held on **15-07-2015** in the Department of S&H, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.22

Sub:- Approval of the Minutes of the Meeting of BoS of Chemistry Section, Dept. of S&H held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of Chemistr Section, , Dept. of S&H . held on **15-07-2015** in the Department of S&H, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No.7.23

Sub:- Approval of the Minutes of the Meeting of BoS of Maths Section, Dept. of S&H held on 15-07-2015.

Resolved to approve the Minutes of the Meeting of BoS of Maths, Section, Dept. of S&H. held on **15-07-2015** in the Department of S&H, Sreenidhi Institute of Science and Technology, Hyderabad.

Item No. 7.24

Sub:- Ratification of approvals given by the Standing Committee of Academic Council dated 27-12-2014.

The resolution of the Standing Committee of Academic Council held on 27-12-2014 with regard to change of sessional marks for MBA from 30 marks to 40 marks is ratified.

The resolution of the Standing Committee of Academic Council held on 27-12-2014 with regard to introduction of Electrical Distribution System in compulsory set of subjects and in its place the subject entitled “ Communication Theory “ be changed from Compulsory setoff subjects to the group of Elective Subjects in Professional Elective III.

Item No. 7.25

Sub:- Re-naming of Information Technology Branch as Computer Science and Information Engg. – Need for

The item is deferred to the next meeting.

Item No.7.26

Sub:- Any other item with the permission of Chairman

Executive Director thanks all the Hon’ble members of the Academic Council for their kind participation in the deliberations of the Academic Council.

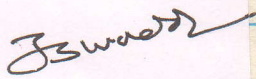
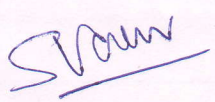
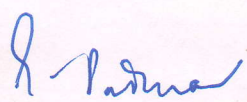
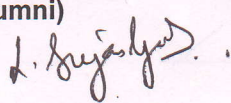
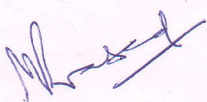
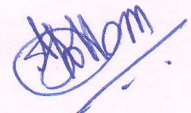
**MEMBER SECRETARY
ACADEMIC COUNCIL**

**CHAIRMAN
ACADEMIC COUNCIL**

EXECUTIVE DIRECTOR

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
Yamnampet, Ghatkesar, Hyderabad - 501 301,
Mechanical Engineering Department.
B.Tech


Board of Studies Meeting on 15.07.2015 at S.N.I.S.T., Hyderabad.

		Signature
1. Dr. T.Ch.Siva Reddy Professor & Head, Dept. of Mechanical Engineering, SNIST, Hyderabad.	Chairman	
2. Dr. T.K.Kishan Kumar Reddy Professor of Mechanical Engineering, JNTUH College of Engineering, Hyderabad.	Member	
3. Dr. Sriram Venkatesh Professor of Mech Engg Dept, OU College of Engineering Hyderabad.	Member	
4. Dr.Padmanabhan Associate Director, ARCI, Hyderabad.	Member	
5. Mr.Sujan Goud Sr.Engineer, / <i>Sub-section Manager</i> G.E.Bangalore, (Meritorious Alumni)	Member (Alumni)	
6. Dr.P.Narasimha Reddy Executive Director, Professor of Mech Engg Dept, SNIST, Hyderabad.	Member	
7. Dr.M.V.S.S.S.M.Prasad Professor of Mech Engg Dept, SNIST, Hyderabad.	Member	
8. Dr. A.Purushotham Professor of Mech Engg Dept. SNIST, Hyderabad	Member	
9. Dr.C.M.Vara Prasad Professor of Mech Engg Dept, SNIST, Hyderabad	Member	

10. Dr. K.Srinivasulu Reddy
Professor of Mech Engg Dept.

Member 

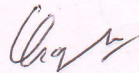
11. Dr.D.Kondayya
Professor Mech Engg Dept,
SNIST Hyderabad.

Member 

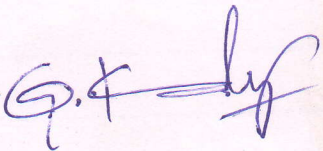
12. Mr. B.Ravi
Associate Professor,
Mech Engg Dept,
SNIST

Member 


13. Mr. Y.Venkatanarayana
Associate Professor,
Mech Engg Dept,
SNIST

Member 

14 Dr.G.Konda Reddy
Associatet Professor
SNIST

Member 

15. Mr. A.Siva Rama Krishna
Associatet Professor,
Mech Engg Dept,
SNIST

Member 


16. Mr.V.Sri Venkateshwara Sateesh
Assitant professor,
Mech Engg Dept,
SNIST.

Member 


17. Mr. M.Chandra Sekhar Reddy
Assistant Professor,
Mech Engg Dept,
SNIST

Member

18. Mr. V.Ravinder Reddy
Assistant Professor,
Mech Engg Dept,
SNIST.

Member 

19. Mr. B.M.S.Rao
Assistant Professor,
Mech Engg Dept,
SNIST.

Member 

- 1) All the members were welcomed by the BOS chairman and the brief agenda of the meeting was discussed by him.
- 2) The structure and syllabus for Choice Based Credit System (CBCS) for M.Tech (CAD/CAM) for with effect from the academic year 2015-16 was presented for discussion and approval. The same was discussed elaborately and approved by the committee members.
- 3) Minor changes made in subject and the syllabus year wise are presented below:

I-YEAR I-Semester:	<p>1. The subject "Advanced Manufacturing Processes and Simulations" introduced in place of the subject "CNC Machines & Robotics"</p> <p>2. The subjects in Professional Elective -I and Professional Elective-II are modified as shown below:</p> <p>Professional Elective-I:</p> <p>(i) Design of Press Tools & Tool Design</p> <p>(ii) Mechatronics</p> <p>(iii) Dynamics and Mechanism Design</p> <p>(iv) Continuum Mechanics</p> <p>Professional Elective-II:</p> <p>(i) Precision Engineering</p> <p>(ii) Advanced Materials Technology</p> <p>(iii) Mechanics and Manufacturing Methods of Composites</p> <p>(iv) Experimental Stress Analysis</p> <p>3. Comprehensive Viva is introduced</p> <p>4. Two seminars named as "Literature Review and Seminar 1 and 2" are included</p> <p>5. A new subject "Research Methodology" is offered.</p> <p>6. The subject "Advanced CAD" is replaced with "Advanced CAD&CAM" with the addition of CNC Part of the removed subject "CNC & Robotics".</p>
I-YEAR II-Semester:	<p>1) The subjects in Professional Elective-III are changed as follows: Rapid Prototyping, Tooling & Manufacture CAD/CAM/CAE Software Development Advanced Mechanical Vibrations & Condition Monitoring Fracture Mechanics</p> <p>2) Literature Review and Seminar 3 is introduced.</p> <p>3) The preparation of Main project is to be started from this semester. For this purpose Project Seminar-I is introduced on the selection of main project.</p> <p>4) The subject "Automation in Manufacturing" is replaced with "Automation & Robotics" by adding the portion of subject "CNC & Robotics" which is removed in I year -I sem.</p>
II-YEAR I-Semester:	<p>1. Two Project seminars named "project seminar-II and project seminar -III" to review the progress of main project work during mid semester are introduced.</p>
II-YEAR II-Semester:	<p>1. In this semester also project seminar-IV to review the progress of main project work during mid semester is introduced</p>

Dr T.Ch.Shiva Reddy, Chairman-BOS
Mechanical Engineering Department

The agenda for the Seventh meeting of Board of Studies of B.Tech. (Computer Science & Engineering) scheduled on 16/5/2016 Monday at SNIST in the Dept of CSE SNIST 10:30.

The following members of BoS are requested to kindly make it convenient to attend the meeting and provide your valuable suggestions on the below mentioned agenda particulars.

S.NO	Name and Designation	Affiliation	Role in BoS	Sign
1	Prof. V. Aruna	Head, Dept. Of CSE, SNIST	Chairman	<i>V Aruna</i> 16/5/16
2	Prof. Meda Srinivas Rao	Professor in CSE Dept., Kukatpally, Hyderabad	Member (Chairman, BoS, CSE, JNTUH)	<i>M. Sw</i>
3	Dr. S. Ramachandran	Vice Principal, Osmania University	Member	<i>S. Ramachandran</i> 16/5/2016
4				
5	Mrs. B. Deepika	Scientist, Anurag Lab, DRDO	Member	<i>Deepika</i>
6	Dr. Kumar Eswaran	Professor, Dept. of CSE, SNIST	Member	
7	Dr. T.V. Rajinikanth	Professor, Dept. of CSE, SNIST	Member	<i>T.V. Rajinikanth</i>
8	Prof. T. V. Narayan Rao	Professor, Dept. of CSE, SNIST	Member	
9	Dr. Prasanta Kumar Sahoo	Professor, Dept. of CSE, SNIST	Member	<i>Prasanta Kumar Sahoo</i>
10	Dr. Bharat Kumar	Professor, Dept. of CSE, SNIST	Member	<i>Bharat Kumar</i>
11	Dr. K. Shirisha	Associate Professor, Dept. of CSE, SNIST	Member	<i>K. Shirisha</i> 16/5/16
12	Mr. E. Madhukar	Associate Professor, Dept. of CSE, SNIST	Member	
13	Mr. A. Srinivas Rao	Associate Professor, Dept. of CSE, SNIST	Member	<i>A. Srinivas Rao</i>
14	Mr. S. Dheeraj	Assistant Professor, Dept. of	Member	

Reddy		CSE, SNIST		
Mr. Ramachandra	M.	Assistant Professor, Dept. of CSE, SNIST	Member	<i>Ferris</i>

- nda:
- Approval of 3rd and 4th year courses syllabi of 2014 Regulation of B.Tech. (CSE) programme in the Autonomous Regulation.
 - Approval for the introduction of **SAP – I in the Open Elective - I** of 3rd year 1st semester of 2014 Regulation of B.Tech. (CSE) programme in the Autonomous Regulation.
 - Approval for the introduction of **SAP – II in the Open Elective – II** of 3rd year 2nd semester of 2014 Regulation of B.Tech. (CSE) programme in the Autonomous Regulation.
 - Approval for introducing an additional course: **Project Management and Structured Finance** in the **PE- II** of 4th year 1st semester of 2014 Regulation of B.Tech. (CSE) curriculum.
 - Approval for introducing **Internet of Things (IOT) in the PE- II** in 4th year 1st semester of B.Tech (CSE) in 2014 Regulation instead of Distributed Systems.
 - Approval for introducing an additional course: **Project Management and Structured Finance** in the Professional Elective – II of 4th year 1st semester of 2012-13 Regulation of B.Tech. (CSE) curriculum., *SAP-I in*
 - Approval of introducing **Internet of Things (IOT) in the P- III** in 4th year 2nd semester of 2012-13 Regulation & *SAP-II.*
 - Approval of the syllabi of **CN_A and Java Programming** courses to be offered to the other departments: **ECE and ME, EEE, BT, ECE**, respectively, *as well as CN lab course*

The following members of BoS attended the Seventh meeting of Board of Studies of B.Tech. (Computer Science & Engineering) convened on 16-5-16 (Monday) at 10:30 in Dept. of CSE, SNIST:

S.NO	Name and Designation	Affiliation	Role in BoS	Sign
1	Prof. V. Aruna	Head, Dept. Of CSE, SNIST	Chairman	V Aruna 16/5/16
2	Prof. Meda Srinivas Rao	Professor in CSE Dept., Kukatpally, Hyderabad	Member (Chairman, BoS, CSE, JNTUH)	C. Meda
3	Dr. S. Ramachandran	Vice Principal, Osmania University	Member	S. Ramachandran 16/5/16
4				
5	Mrs. B. Deepika	Scientist, Anurag Lab, DRDO	Member	B. Deepika
6	Dr. Kumar Eswaran	Professor, Dept. of CSE, SNIST	Member	
7	Dr. T.V. Rajinikanth	Professor, Dept. of CSE, SNIST	Member	T.V. Rajinikanth
8	Prof. T. V. Narayan Rao	Professor, Dept. of CSE, SNIST	Member	
9	Dr. Prasanta Kumar Sahoo	Professor, Dept. of CSE, SNIST	Member	P. Kumar Sahoo
10	Dr. Bharat Kumar	Professor, Dept. of CSE, SNIST	Member	B. Kumar
11	Dr. K. Shirisha	Associate Professor, Dept. of CSE, SNIST	Member	K. Shirisha 16/5/16
12	Mr. E. Madhukar	Associate Professor, Dept. of CSE, SNIST	Member	
13	Mr. A. Srinivas Rao	Associate Professor, Dept. of CSE, SNIST	Member	A. Srinivas Rao
14	Mr. S. Dheeraj	Assistant Professor, Dept. of CSE, SNIST	Member	
15	Mr. Ch. Sreenath	Assistant Professor, Dept. of	Member	

15	Mr. Ramachandra	M.	Assistant Professor, Dept. of CSE, SNIST	Member	<i>Keerthi</i>
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Minutes:

1. Approved 3rd and 4th year courses syllabi of 2014 Regulation of B.Tech. (CSE) programme in the Autonomous Regulation.
2. Approved the introduction of the following courses in the 2014 Regulation of B.Tech. (CSE) programme in the Autonomous Regulation:
 - **SAP – I in the Open Elective - I** of 3rd year 1st semester.
 - **SAP – II in the Open Elective – II** of 3rd year 2nd semester
 - Additional course: **Project Management and Structured Finance** in the PE- II of 4th year 1st semester
 - **Internet of Things (IOT) in the PE- II** in 4th year 1st semester instead of Distributed Systems.
3. Approved the introduction of the additional courses in the 2012-13 Regulation of B.Tech. (CSE) curriculum.
 - **Project Management and Structured Finance** in the Professional Elective – II of 4th year 1st semester. *& SAP - I*
 - **Internet of Things (IOT) in the PE- III** in 4th year 2nd semester *& SAP - II*
4. The syllabi of **CN and Java Programming** courses to be offered to the other departments: **ECE and ME, EEE, BT, ECE**, respectively are approved, *along with CN lab.*

Sreenidhi Institute of Science and Technology
(An Autonomous Institution)

Eighth Standing Committee Meeting of the Academic Council of SNIST scheduled to be held on 03-12-2016 at 4.00 p.m. in the Chambers of the Rector, JNTUH to discuss and approve the course structure for B. Tech. III year I and II semesters of all the branches and B. Tech. II year I and II semesters of Civil Engineering.

AGENDA AND NOTES

Item No.8.1

Sub:- Discussion for the approval of the Labs of various branches for the Academic Year 2017-18 in the CBCS mode of A-15 Regulation – Reg.

The course structure and syllabi for B. Tech. III year I and II semesters of all the branches of 2014 Regulation was already approved in the 7th Meeting of the Academic Council held on 25th July, 2015. As we have to send the lab master to the University, the Committee is requested to approve the labs and lab syllabus for B. Tech. III year I and II semester students in the CBCS mode (2015 Regulation) for all branches during the Academic Year as given below. Similarly, the course structure and lab syllabus for B. Tech. II year I and II semester of Civil Engineering is also mentioned below for approval.

I Electrical and Electronics Engineering

B. Tech. III year I semester

- a) Linear and Digital IC Applications Lab
- b) Control Systems and Simulation Lab

B. Tech. III year II semester

- a) Electrical Machines Lab – II
- b) Power Electronics and Simulation Lab

II Electronics and Communication Engineering

B. Tech. III year I semester

- c) Digital Signal Processing Lab
- d) Digital Communication Lab
- c) Electrical Technology Lab

B. Tech. III year II semester

- a) Linear and Digital IC Applications Lab
- b) Micro Processor, Micro Controller and Applications Lab

III Computer Science and Engineering

B. Tech. III year I semester

- a) Computer Network and Case Tools Lab
- b) Web Technologies Lab

B. Tech. III year II semester

- a) Compiler Design and Operating Systems Lab
- b) Linux Programming Lab

IV Electronics and Computer Engineering

B. Tech. III year I semester

- a) Linear and Digital IC applications Lab
- b) Data Warehousing and Data Mining Lab

B. Tech. III year II semester

- a) Web Technologies Lab
- b) Micro Controllers and Applications Lab

V Mechanical Engineering

B. Tech. III year I semester

- a) Applied Thermodynamics Lab
- b) Machine Tools Lab

B. Tech. III year II semester

- a) Heat Transfer Lab
- b) Production Drawing

VI Information Technology

B. Tech. III year I semester

- a) Computer Networks and Case Tools Lab
- b) Web Technologies Lab

B. Tech. III year II semester

- a) Compiler Design and Operating System Lab
- b) Mobile Application Development Lab

VII Biotechnology

B. Tech. III year I semester

- a) Immunology Lab
- b) Molecular Biology and Genetic Engineering Lab

B. Tech. III year II semester

- a) Plant Biotechnology Lab
- b) Bio-informatics Lab

VIII Civil Engineering

B. Tech. Civil Engineering course is started from Academic Year 2016-17 and the course structure and the lab syllabus for II year I and II semesters is to be approved. The Labs included in the syllabus of B. Tech. II year Civil Engineering by JNTUH College of Engineering (Autonomous) are stated below:

II Year I Semester

- a) Computer Aided Drafting Lab – I
- b) Strength of Materials Lab
- c) Surveying Lab - I

II year II semester

- a) Engineering Geology Lab
- b) Environmental Engineering Lab
- c) Fluid Mechanics and Hydraulic Machinery Lab

In autonomous mode of SNIST, the Academic Council decided to offer Basic Mechanical Engineering, Elements of Electrical Engineering and Elements of Electronic Engineering. Hence, it is decided to offer the following labs of B. Tech. Civil Engineering in II year I and II semesters of CBCS A16 Regulation.

B. Tech. II year I semester

- a) Electrical Engineering Lab
- b) Java Programming Lab
- c) Building Drawing and Computer Aided Drafting

B. Tech. II year II semester

- a) Strength of Materials Lab
- b) Fluid Mechanics and Hydraulic Machines Lab
- c) Electronics Engineering Lab

Item No.8.2

Sub:- Discussion on introducing Internet of Things (IOT) laboratory for B. Tech. ECM, IT and CSE students, Java Programming and SAP-II for B. Tech. of all branches, as an additional lab without credits, but giving provision of adding part of the test marks of Lab in the sessional marks of theory.

Internet of Things (IOT) is offered as an Elective for B. Tech. ECM, IT and CSE students which is under ECM Board. Java Programming and SAP-II are offered as an Elective for B. Tech. all branches which is under CSE board. These subjects need practicals and without practicals the students cannot have full knowledge of the subjects and there was no provision in the course structure to allot credits. Hence, the Departments of ECM and CSE have represented that IOT, Java and SAP – II labs can be introduced along with theory and test must also be conducted so that the students can take interest and acquire good knowledge in the subject.

For the courses mentioned above, the lab test has to be conducted and marks allotted as is done for theory subjects. At the end of the semester, the weightage for theory is 80% and lab is 20% for these courses. However, the same rule can be applicable for the courses of similar nature.

Item No.8.3

Sub:- Discussion on considering Logical Reasoning and Quantitative Aptitude offered to B. Tech. students of all the branches as Theory subjects instead of Lab

At present, Logical Reasoning and Quantitative Aptitude subjects are considered as Lab subjects for two periods with one credit, but they are writing the Mid Test and final examinations along with the Theory subjects. The Department of S&H proposes that these subjects to be considered as Theory subjects and all the benefits for Theory examination can be extended to these two subjects. In order to maintain one credit, one period theory and one period tutorial can be offered.

	As Practical	As proposed Theory
Logical Reasoning and Quantitative Aptitude	Practical – 2	Lecture – 1
	Credits - 1	Tutorial – 1
		Credits - 1

Item No.8.4

Sub:- Considering third Mid Test for Lab for improving sessional marks – Reg.

Some students represented that they missed the Mid Tests of Lab practicals on health grounds and other personal reasons. They requested that third Mid Test which is available for Theory subjects be extended to practical sessional marks also so that their performance in the Mid Test can be improved. The rule for calculation of mid marks for theory is applicable for lab, i.e. the average of best of two mid exam marks.

Item No.8.5

Sub:- Shifting of Professional Elective – I from B. Tech. (EEE), III year II semester to B. Tech. (EEE) II year II semester – Reg.

Prerequisite of SAP – I and SAP – II of B. Tech. (EEE) II year and III year, the Professional Elective – I requires a sequential progress in understanding. Hence, it is proposed to shift Professional Elective – I (Java Programming) from B. Tech. (EEE), III year II semester to B. Tech. (EEE) , II year II semester in place of Elements of Mechanical Engineering subject shifted vice-versa.

Item No.8.6

Sub:- The subject 5G407 Molecular Biology which is offered in II year II semester is clubbed with Genetics of the same semester to incorporate SEC41 Java Programming – Reg.

B. TECH - BIOTECHNOLOGY
II YEAR II SEMESTER COURSE STRUCTURE (A15)

S. No	Subject Code	Subject	L	T	P/D	C	Max Marks	
							Int	Ext
1	5G406	Genetics and Molecular Biology <i>(in the previous structure they are independent subjects) – presently they are clubbed together to accommodate Java Programming</i>	3	1	-	3	25	75
2	5G408	Analytical Techniques in Biotechnology	3	1	-	2	25	75
3	5G409	Thermodynamics for Biotechnologists	3	1	-	3	25	75
4	5G410	Bioprocess Engineering	3	2	-	3	25	75
5	5EC41	Java Programming	3	1	-	3	25	75
6	5H416	Probability and Statistics	3	1	-	3	25	75
7	5H474	Effective English Communication (EEC)	-	1	2	1	25	75
8	5G473	Analytical Techniques in Biotechnology Lab	-	-	3	2	25	75
9	5G474	Bioprocess Engineering Lab	-	-	3	2	25	75
10	5G475	Comprehensive Viva-voce - I	-	-	-	1	25	75
11.	5G494	Technical Seminar	-	-	2	1	100	-
Total			18	8	10	24	350	750

Member Secretary,
Academic Council,
SNIST.

MINUTES OF THE 8TH STANDING COMMITTEE OF THE ACADEMIC COUNCIL OF SNIST HELD ON 3-12-2016 AT 4.00 P.M. IN THE CHAMBERS OF THE RECTOR, JNTUH, KUKATPALLY, HYDERABAD

Members present:

- 1) Dr. N.V. Ramana Rao, Rector, JNTUH
- 2) Dr. P. Narasimha Reddy, Executive Director, Member
- 3) Dr. K. Sumanth, Principal, SNIST, Member
- 4) Dr. T. Ch. Siva Reddy, HoD, ME, Member
- 5) Dr. V.D.Abraham, Professor, Member
- 6) Dr. M. Komaraiah, Professor, Member Secretary

Special Invitees:

- 1) Dr. P. Ravi Babu, HoD, EEE
- 2) Dr. SPV. Subba Rao, HoD, ECE
- 3) Dr. Aruna Varanasi, HoD, CSE
- 4) Dr. K. Shasidhar, HoD, ECM
- 5) Dr. VVSSS Balram, HoD, IT
- 6) Dr. K.S.R. Siva Sai, HoD, BT

The Agenda is discussed and the following resolutions have been adopted:

Item No.8.1

Sub:- Discussion for the approval of the Labs of various branches for the Academic Year 2017-18 in the CBCS mode of A15 Regulation – Reg.

Resolved to approve the Labs of B. Tech. III year I and II semester of all branches and B. Tech. II year I and II semester proposed for the Academic Year 2017-18 in the CBCS mode of A15 Regulation.

Item No.8.2

Sub:- Discussion on introducing Internet of Things (IOT) laboratory practical for B. Tech. ECM, IT and CSE students, Java Programming and SAP-II for B. Tech. of all branches, as an additional lab without credits, but giving provision of adding part of the test marks of Lab in the sessional marks of theory.

Resolved to approve intranet of Things (IOT) laboratory practical for B. Tech. ECM, IT and CSE students, Java Programming and SAP-II for B. Tech. of all branches, as an additional lab without credits, but giving provision of adding 80% weightage in Theory and 20% for the lab to be added in the sessional marks of theory subject. It is also approved that similar procedure can be adopted for the additional labs offered wherever necessary.

Item No.8.3

Sub:- Discussion on considering Logical Reasoning and Quantitative Aptitude offered to B. Tech. students of all the branches as Theory subjects instead of Lab

Resolved to approve Logical Reasoning and Quantitative Aptitude subjects offered to B. Tech students of all branches as Theory subject in place of Lab subjects, which were considered earlier.

Item No.8.4

Sub:- Considering third Mid Test for Lab for improving sessional marks – Reg.

Resolved to approve consideration of third Mid Test for Lab for improving performance in sessional marks

Item No.8.5

Sub:- Shifting of Professional Elective – I from B. Tech. (EEE), III year II semester to B. Tech. (EEE) II year II semester – Reg.

Prerequisite of SAP – I and SAP – II of Biotech. (EEE) II year and III year, the Professional Elective – I requires a sequential progress in understanding. Hence, it is proposed to shift Professional Elective – I (Java Programming) from B. Tech. (EEE), III year II semester to B. Tech. (EEE), II year II semester in place of Elements of Mechanical Engineering subject shifted vice-versa.

Item No.8.6

Sub:- The subject 5G407 Molecular Biology which is offered in II year II semester is clubbed with Genetics of the same semester to incorporate SEC41 Java Programming – Reg.

B. TECH - BIOTECHNOLOGY
II YEAR II SEMESTER COURSE STRUCTURE (A15)

S. No	Subject Code	Subject	L	T	P/D	C	Max Marks	
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9	5G474	Bioprocess Engineering Lab	-	-	3	2	25	75
10	5G475	Comprehensive Viva-voce - I	-	-	-	1	25	75
11.	5G494	Technical Seminar	-	-	2	1	100	-
Total			18	8	10	24	350	750

Member Secretary,
Academic Council,
SNIST.




SREE NIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY (SCSI)

Date: 14.07.2015

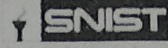
There will be a Board of Studies Meeting on 15.07.2015 at SNIST , Hyderabad at 2:30 P.M

Agenda for the meeting:

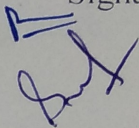
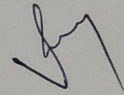
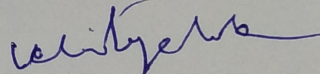
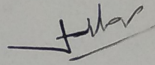

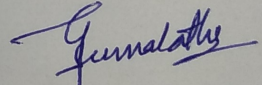
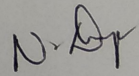
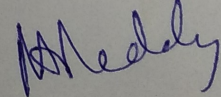
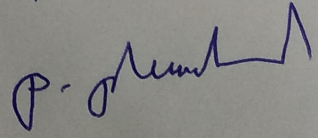
1. To approve 2015 – 2016 choice based credit system for B.Tech (UG) & M.Tech (CNIS)
2. To approve B.Tech (UG) course structure and syllabus for ^{Two} ~~four~~ Years under Autonomous Mode for the Regulation 2015-16.
3. To approve M.Tech (CNIS) course structure and syllabus for Two Years under Autonomous Mode for the Regulation 2015-16.


HOD, IT

2020/1/20 14:41



SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
Yamnampet, Ghatkesar, Hyderabad – 501 301
Board of Studies Meeting on 15-07-2015 at SNIST, Hyderabad
at 2:30 P.M
Department of Information Technology

		Signature
1. Dr. V.Balaram,	Chair Person	
2. Mr. Sunil Bhutada	Member	
3. Mr. P.Sreedhar	Member	
4. Mr. N. Chaitanya Kumar	Member	
5. Mr. MD. Jaffer Sadiq	Member	
6. Dr. Mukundha	Member	
7. Ms. G. Sumalatha	Member	
8. Ms. N. Divya	Member	
9. Dr. G. Vijaya Kumari	Member	ABSENT
10. Dr. P. Krishna Reddy	Member	
11. Dr. Prem Chand	Member	
12. Mr. Krupa Sagar Reddy	Member	ABSENT
13. Mr. V. Sudarsan Reddy	Member	ABSENT

2020/1/20 14:41

Minutes of Meeting for B.Tech

The members of the BOS meeting held on 15-7-2015 in the department of IT have given the following recommendations:

1. The Course structure for four years under Autonomous Mode for the Regulation 2015-16 has been accepted with the following suggestions:
 - a. Remove Electronic-Commerce
2. The detailed syllabus for four years under Autonomous Mode for the Regulation 2015-16 has been accepted with the following suggestions:
 - a. Change the Ms-office version in IT Workshop-I to 2010 Include Query Optimization in DBMS and change text book 3 to text book 1.
 - b. Design and Analysis of Algorithms - Remove cooks theorem in Unit-6 and replace it with 'Modular arithmetic' Design and Analysis of Algorithms
 - c. Data Warehousing and Data Mining – Modify syllabus according to text book OOAD and Software Engineering - Restructure the contents of the syllabus accordingly
 - d. Linux Programming – Unit-1 shall be divided into 2 parts and change the content accordingly
 - e. Linux Programming Lab – Introduce socket programming exercise in lab manual
 - f. Computer Graphics – Remove Hermite Curve, Bezier and B-Spline Surfaces, Basic Illumination Models

Note: Suggested to prescribe only two books for Text Books and two books for Reference Books



SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

Yamnapet, Ghatkesar, Hyderabad – 501 301

Department of Electronics and Computer Engineering (ECM)

Ref: SNIST/ECM/2016/F-79

Date: 04-05-2016

MINUTES OF THE BOS MEETING HELD ON 04-05-2016 AT ECM – SNIST

S. No.	NAME
1	Prof. S. Bhujanga Rao HoD, ECM and Director, SoE
2	Dr. K. Anitha Sheela Professor, Dept. of ECE, JNTUH, Hyd. <i>K. AS</i>
3	Dr. R. Gururaj Professor, Dept. of ECE, BITS Pilani, Hyd.
4	Prof. Ramachandra Head, Dept. of ECE, NMREC, Hyderabad
5	Mr. M. Pavan Kumar Reddy Technology Analyst, Infosys Technologies Ltd., Pocharam, SEZ.
6	Dr. Ameet Chavan Professor, ECM, SNIST
7	Dr. K. Sasidhar Associate Professor, ECM, SNIST
8	Mrs. M. Shailaja Associate Professor, ECM, SNIST
9	Mrs. V. Padmavathi Associate Professor, ECM, SNIST
10	Mr. D. Mohan Associate Professor, ECM, SNIST
11	Mr. P. Srikanth Associate Professor, ECM, SNIST
12	Mrs. K. Kusumalatha Assistant Professor, ECM, SNIST
13	Mr. P. V. K. Sandeep Assistant Professor, ECM, SNIST

DISCUSSIONS:

1. Dr. Ameet Chavan, the current Chairman introduced Prof. S. Bhujanga Rao, the new Chairman. All the members have accepted the proposal and approved the same as Prof. S. Bhujanga Rao has been assigned the duties of HoD, ECM Department.
2. The members have welcomed the consideration of the syllabus for 'Internet of Things' (IoT) (4DC55) as per JNTUH. But, Dr. Gururaj and Mr. Pavan Kumar have strongly recommended exploring the possibility of including a laboratory session as well for this course. Also, they felt the necessity of encouraging the students to work in this trending field and ensure at least 20% of the projects are in this area.
3. It has been accepted to tailor the subject titled 'Principles of Communication' (PoC) and 'Microprocessors and Microcontrollers' to 'Signals and Modulation Theory' (SMT) (4DC16) and 'Microcontrollers and Applications' (4DC17), so as to cater the needs of the students as per the industry requirement under ECM BoS.

*S&S
is combined
with POC
and titled as
SMT*

4. While 'Signals and Modulation Theory' (4DC16) was accepted by most of the members, during the discussion, Prof. Ramachandra suggested to have a Proforma/ Undertaking form for the students which ensures that the student chooses only those courses in professional electives which fall under the initial elective stream he/she has opted and comply with the prerequisites requirement to advance in the stream selected.
5. The idea of reframing the syllabus for ERTS (4DC06) theory and ERTS lab (4DC72) courses as required was accepted.
6. Since refinement of the Course Outcomes in the syllabi play a vital role in curriculum development, the BoS members have discussed how the Course Objectives and Outcomes could be framed for all the subjects under ECM BoS. While the idea of having an outcome for every unit was appreciated, the members have felt that there could be Unit wise learning objective and later the course outcomes on a whole can be refined that reflects the deliverables of the course in a concise manner. This also concurs with the suggestions made by the NBA visiting panel for ECM.
7. From point above, the course outcomes for all the courses under ECM board were thoroughly reviewed and suggestions were given on refinement. In this regard, Dr. Gururaj (BITS) was proactive to give out very valuable inputs for the course titled 'Automata Theory and Compiler Design' (5D702). Based on these inputs, the Course outcomes were also refined.
8. The BoS members have kindly agreed and approved to include 'Software Process and Project Management' (SPPM) (3D824) under ECM board.
9. Also, during the discussion, Dr. Gururaj and Mr. Pavan felt the necessity for creating in-house database oriented projects and building our own applications to suffice the day to day needs of the institution. Also, Mr. Pavan suggested that the DBMS course can be tailored as per the current industry needs.
10. There was a discussion on devising a better correlation and assessment of COs, POs and PEOs as pointed out by the NBA committee.
11. Lastly, in regard to the improvement in faculty research quality, all the external committee members suggested to explore the possibility of relieving the faculty members from administrative activities to some extent if not fully to score better in the important criteria of the NBA-SAR.


Chairman, ECM-BoS

MINUTES OF BOARD OF STUDIES FOR BIOTECHNOLOGY

SUMMARY SHEET OF B. Tech BIOTECHNOLOGY SYLLABUS STRUCTURE

PROPOSED FOR REVISION IN BOS HELD ON 15th July, 2015

II-I BIOTECH

Biochemistry -Purine and Pyrimidine Synthesis to be included in unit VI

III-I

OPEN ELECTIVE

Sanskrit can be offered as open elective

In Bioethics and Bio safety need to be looked into IPR should be removed

III-II

PROFESSIONAL ELECTIVE -NATURAL PRODUCT TECHNOLOGY

- Natural products – unit six can be modified pharmacological mode of action of Natural Products could be added

CANCER BIOLOGY

- In unit IV– cancer stem cells to be included along with oncogenes

GENOMICS AND PROTEOMICS

- Hyper mutation to be included in unit VI

APPLIED VIROLOGY

Unit II – Add HSB virus can be added

Unit III- Enveloped and non enveloped viruses, viral cytopathic effect and Virus movement in body and cell to added

Unit IV- can be titled as Epidemiology and pathogenesises of viral diseases or Human Virus

UNIT IV- Disease burden, risk factor epidemiology prevention can be removed

Unit V – Hog cholera (gastroenteritis) in Swine. Gastroenteritis in dog. Ranikhet Disease organ specific Disease of cattle, sheep, Dog. Rabies can be separately added. Hepatitis and leptospirosis can be added

Unit VI- Vector Vaccines can be added

Anti Virus Drugs can be included like Alcylovir, tamiflu and antiretroviral drugs. Cellular target identification using Genomics Transcriptomics and Proteomics

Molecular Diagnostics

I and II Units removed (III,IV,V can be used Therapeutics)

I and II ,

V can be combined

Unit V- Recombinant Therapy

Unit VI – Add Derivation of human mono colonized Antibodies immunotherapy

Molecular Toxicology-

(Oxidative Stress) can be removed

Unit III

Unit VI

Unit V

ADMET is added

Specific protocol for Acute and chronic toxicity serum

Mutational test

Detection of chemical toxins

Separate unit for toxin testing Unit V

Instead of Unit IV

Unit IV and VI can be removed yeast can be expanded. Test methods to be included

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

P.G. Board of Studies Meeting on 15/07/15

At SMS, SNIST

Department of Management Studies

Signature

Members

1) Dr. M. Sukanya, i/c. HOD., SMS., SNIST, Chairman

- M. Sukanya
15/7/15

2) Dr. D. Raghunath Reddy, BOS Chairman, JNTUH

- [Signature]
15/7/15

3) Prof. R. Nageswara Rao, External, O.U., Hyderabad

-

4) Prof. V. Venkat Ramana, External, Uni. of Hyderabad

-

5) Dr. A. Vidya Sagar, External, Avantel Softech Ltd.

- A. Vidya Sagar

6) Mrs. Thoyeja V. Jermiah, Alumni, SMS

-

7) Mr. V Praneeth Kumar, Alumni, SMS

-

8) Dr. A. Sandhya Rani, Assoc. Pro., SMS

-

[Signature]

9) Mr. M. Lenin Babu, Asst. Prof., SMS

-

[Signature]

10) Mrs. B.V.S. Sowmya, Asst. Prof., SMS

-

[Signature]
15/7/15

11) Mr. RSCH Murthy, Asst. Prof., SMS

- RSCH

12) Mr. P.S. Viswanadh, Asst. Prof., SMS

- P.S. Viswanadh
15/7/15

13) Mr. S. Sreekanth, Asst. Prof., Convenor

- S. Sreekanth
15/07/15

14) Mr. S. Suneel, Asst. Prof., SMS

- S. Suneel
15/7/15

15) Mr. K. Harinadh, Asst. Prof., SMS

- K. Harinadh
15/7/15

16) Mrs. B. Madhura, Asst. Prof., SMS

- B. Madhura
15/7/15

MINUTES OF THE BOARD OF STUDIES OF SCHOOL OF MANAGEMENT STUDIES
HELD ON 15TH JULY, 2015 AT 2:30 P.M. IN THE DEPARTMENT

Members:

- 1) Dr. M. Sukanya, i/c.HOD., SMS, **Chairman**
- 2) Prof. Prof. Raghunadh Reddy, JNTU., Hyderabad
- 3) Dr. A. Vidya Sagar, External, Avantel Softech Ltd.
- 4) Dr. A. Sandhya Rani, Assoc. Prof.
- 6) Mr. M. Lenin Babu, Asst. Prof.
- 7) Mrs. B. V. S. Sowmya, Asst. Prof.
- 8) Mr. RSCH Murthy, Asst. Prof.
- 9) Mr. P.S. Viswanadh, Asst. Prof.
- 10) Mr. S. Sreekanth, Asst. Prof., **Convenor**
- 11) Mr. S. Suneel, Asst. Prof.
- 12) Mr. K. Harinadh, Asst. Prof.
- 13) Mrs. B. Madhura, Asst. Prof.

The following resolutions are taken in the meeting:

- 1) Resolved to confirm the minutes of the 4th Board of Studies meeting held on 16th May, 2014.
- 2) Resolved to approve the Choice Based Credit System in the light of UGC and Central HRD Ministry recommendation and approved the Choice Based Credit System to be incorporated from the Academic Year 2015-2016.
- 3) The Board of Studies, School of Management Studies, SNIST has resolved and recommended the following changes for incorporation:

Resolved to approve the syllabus of MBA program and management courses offered to both B.Tech and M.Tech programmes applicable from 2015 – 2016 Academic Year, as per the following details.

MBA PROGRAMME

- 1) Choice Based Credit System has to be incorporated from the Academic Year 2015-2016 with the approval of Director, Academic and Planning, JNTUH.
- 2) Addition of new subject electives suggested
 - a) Data Analytics
 - b) IT Management
 - c) Innovation Management

- 3) The concept of Corporate Social Responsibility to be added in the Business Ethics and Corporate Governance course.
- 4) Add-on courses to be offered as credit based courses.

B.TECH. PROGRAMME

- 1) Resolved to approve the syllabus of Management subjects offered to B.Tech Programs with effect from 2015 – 2016 with no changes.

M.TECH. PROGRAMME

- 1) Resolved to approve the syllabus of Management subjects offered to M.Tech Programmes with effect from 2015-2016 with no changes.

M. Sukanya
15/7/15
(Dr. M. Sukanya)
CHAIRMAN
BOARD OF STUDIES
SMS, SNIST.