



MINUTES OF THE 63rd MEETING OF THE SENATE HELD
ON 12.06.2014 AT 10.00 AM IN THE SENATE HALL OF NIT, WARANGAL

Members Present:

Prof. T. Srinivasa Rao,
Director & Chairman, Senate

EXTERNAL:

1. Prof. V. Seshubai

INTERNAL:

1.	Prof. K.S.R. Krishna Prasad	20.	Prof. S. Srinivasa Rao
2.	Prof. B. Venkata Appa Rao	21.	Prof. D.S. Kesava Rao
3.	Prof. C.B. Kameswara Rao	22.	Prof. P. Bangaru Babu
4.	Prof. K.V. Jayakumar	23.	Prof. J.V. Ramana Murthy
5.	Prof. T. Ramesh	24.	Prof. N. Subrahmanyam
6.	Prof. M. Sydulu	25.	Prof. A. Neelakanteswara Rao
7.	Prof. N.V. Uma Mahesh	26.	Prof. Debashis Dutta
8.	Prof. P. Anand Raj	27.	Prof. A. Venugopal
9.	Prof. K. Madhu Murthy	28.	Prof. K.V. Sai Srinadh
10.	Prof. D.M. Vinod Kumar	29.	Prof. P. Ravi Kumar
11.	Prof. Y. Pydisetty	30.	Prof. S.G. Sanjeevi
12.	Prof. A.V. Narasimha Rao	31.	Prof. M. Sai Shankar
13.	Prof. N.V.S. Narasimha Sarma	32.	Prof. G. Amba Prasad Rao
14.	Prof. L. Krishnanand	33.	Prof. V. Rajeswara Rao
15.	Prof. D.V.L.N. Somayajulu	34.	Prof. G.V.S. Nageswara Rao
16.	Prof. Ch. S. Prakasha Rao	35.	Dr. N. Narasaiah, HOD, MMED
17.	Prof. D. Ramaseshu	36.	Dr. A. Venu Vinod, HOD, ChED
18.	Prof. D.V.S.S. Siva Sarma	37.	Dr. K. Ramesh, HOD, C.S.E.
19.	Prof. C.S.R.K. Prasad		
<i>Prof. A. Ramachandra Reddy, Registrar I/c and Secretary, Senate</i>			
<u>Special Invitee's</u>			
1.	Dr. R.B.V. Subramanyam Associate Dean, Academic	2.	Dr. K. Padma I/C. HOD, SOM
3.	Sri A. Sarath Babu Associate Dean, Academic Audit	3.	Sri Onkara Perumal. P I/C. HOD, Biotechnology

The following Members expressed their inability to attend the Meeting:**External**

1. Prof. M. Chidambaram
2. Prof. C. Meenakshisundaram

Internal

1. Prof. G. Radhakrishnamacharya
2. Prof. Deva Pratap
3. Prof. N. Viswanathan

Special Invitee:

1. Dr. D. Srinivasa Charya, Assoc. Dean, Examinations

Members Absent

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|------------------------------|------------------------------|
| 1. Prof. K. Srimannarayana | 2. Prof. R.V. Chalam |
| 3. Prof. G. Venkata Reddy | 4. Prof. R.C. Sastry |
| 5. Prof. A. Ramachandraiah | 6. Prof. G.V.P. Chandramouli |
| 7. Prof. I. Ajit Kumar Reddy | 8. Prof. M. Krishna Mohan |



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| 9. Prof. Y.N. Reddy | 10. Prof. P. Nageswara Rao |
| 11. Prof. S.V.S. Ramana Reddy | 12. Prof. K. Laxma Reddy |
| 13. Prof. P. Suryaprakash Rao | 14. Prof. L. Ramgopal Reddy |
| 15. Prof. G. Rajesh Kumar | 16. Prof. B.B. Amberker |
| 17. Prof. B. Rajitha | 18. Prof. K.N.S. Kasiviswanadham |
| 19. Prof. C. Gururaja Rao | 20. Prof. Bhagwan K. Murthy |
| 21. Prof. R.L.N. Sai Prasad | 22. Prof. N. Selva Raj |
| 23. Prof. M. Chandrasekhar | 24. Prof. V.T. Somasekhar |
| 25. Dr. M. Ravinder Reddy | |

THE FOLLOWING DECISIONS WERE TAKEN:

Item No.	Item(s) as per the Agenda	Decision Taken
1	To confirm the minutes of 62 nd meeting of Senate held on 02.05.2014.	CONFIRMED

Item No.2: Revision of curriculum of B.Tech.and M.Tech. Programs

Heads of the departments have presented their departments' vision, mission and for each programme they have presented programme educational objectives, programme outcomes, course outcomes, curriculum before the august Senate for its approval.

S No	Department	Item:Curriculum of B.Tech/M.Tech	Decision Taken
1.	Civil Engineering	Presented for B.Tech. and M.Tech. programmes.	1. Change of the title of "CE103-Environmental Studies" to "CE103-Environmental Science & Engineering", is deferred. 2. Change of the title "CE357-CAD in Civil Engineering Laboratory" to "CE357-Civil Engineering Software Laboratory" is approved. 3. Remaining content including modifications to the scheme M.Tech(Transportation Engineering" and M.Tech(Water Resources Engineering), which is presented, is approved.
2	Electrical Engineering	Presented for B.Tech. and M.Tech. programmes.	Approved
3	Mechanical Engineering	Presented for B.Tech. and M.Tech. programmes.	Approved
4	Electronics and Communication Engineering	Presented for B.Tech. and M.Tech. programmes.	Approved
5	Metallurgical and Materials Engineering	Presented for B.Tech. and M.Tech. programmes.	Approved
6	Chemical Engineering	Presented for B.Tech. and M.Tech. programmes.	Approved
7	Computer Science & Engineering	1.Presented for B.Tech. and M.Tech. programmes.	Approved.



		2. An elective titled "CS 5135-Big Data Analytics" is included in I year – I semester M.Tech. (CSE) 3. An elective titled "CS 485-Parallel Processing" is included in IV year – II semester	Approved. Approved.
8	Bio Technology	Presented for B.Tech.. programme.	Approved

Item No.3 : Amendments to Rules and Regulations of B. Tech and M.Tech. Program

A) Rules and Regulations of B.Tech. Program

SI No	Existing	Modified	Decision Taken
1	<p>3.1 The total course package for B.Tech Degree Program will typically consist of the following components.</p> <p>a) Basic Science Core Courses 20 Credits b) Other Engineering Core courses 28 Credits c) Humanities and Social Science Core Courses 7 Credits d) Program Core Courses 81 Credits e) Departmental Electives 18 Credits f) Open Elective Courses 6 Credits</p> <p>(Open Elective Courses can be any of the following: Basic Sciences, Other Engineering Courses, Humanities, Social Science, Management)</p> <p>g) Mandatory Courses = 04 credits (Environmental studies:3, Seminar-1, Extra Academic Activity-0) h) Departmental/Program Major Project = 06 Credits</p>	<p>The total course package for B.Tech Degree Program typically consists of the following components.</p> <p>a) Basic Science Core (BSC) ≥ 20 Credits b) Engineering Science Core (ESC) ≥ 31 Credits c) Humanities and Social Science Core (HSC) ≥ 07 Credits d) Program Core Courses (PCC) ≥ 82 Credits e) Departmental Elective Courses (DEC) ≥ 18 Credits f) Open Elective Courses (OPC) ≥ 06 Credits (Open Elective Courses can be any of the following: Basic Sciences, Engineering Science Courses, Humanities, Social Sciences and Management) g) Program Major Project (PRC) = 06 Credits h) EAA: Games and Sports (MDC) = 00 credits</p>	APPROVED
2	<p>3.4.2: Every student admitted in the first year is required to register and complete satisfactorily in Extra-Academic Activity (EAA) in the first two semesters, which is mandatory. However, the EAA does not carry any credits</p>	<p>3.4.2: Every student admitted in the first year is required to register and complete satisfactorily in Extra-Academic Activity (EAA) preferably in the first two semesters. However, the EAA does not carry any credits.</p>	Deferred



3	New Item included	7.8: Attendance of each and every class is to be entered every day by the teacher for both theory as well as laboratory classes in the online system.	7.8: Attendance for both theory and laboratory courses shall be entered before the end of each working week by the concerned teacher through faculty portal of the Institute website. Students are advised to monitor the status of their attendance through student portal of the Institute website
4	New Item included	13.7: Students who have registered under study mode during an academic year and have appeared for makeup examination, will be graded according to the study mode grading applicable to the regular batch of students. However, in case they get an 'F' grade as per the above criteria, the students who get 30% or more marks in the make-up examination shall be awarded 'P' grade by treating them as registered under 'Examination' Mode. (58 th Senate Minutes)	Approved
5	9.3 From II Year to III Year: For promotion to Third year, a student should have (i) Cleared all the Course Work requirements of I Year and (ii) passed, with P or better Grade, at least 30 credits in II Year I semester, Second semester and make up examinations put together.	9.3 From II Year to III Year: For promotion to Third year, a student should have (i) Cleared all the Course Work requirements except EAA) of I Year and (ii) passed, with P or better Grade, at least 30 credits in II Year I Semester, Second semester and make up examinations put together.	Deferred
6	9.4 From III Year to IV Year: For promotion to Fourth year, a student should have (i) Cleared all the Course Work requirements of I Year, II Year and (ii) passed, with P or better Grade, at least 30 credits in III Year I Semester, II semester and make up examinations put together.	9.4 From III Year to IV Year: For promotion to Fourth year, a student should have (i) Cleared all the Course Work requirements of I Year, II Year, (except EAA) and (ii) passed, with P or better Grade, at least 30 credits in III Year I Semester, II semester and make up examinations put together.	Deferred
7	12.6: Sub-committee: i. Dean-Academic, Chairman ii. Dean, Students Affairs iii. Concerned Head of the Department iv. The Institute Medical Officer The Deputy Registrar (Academic) - will assist the committee.	12.6: Sub-committee: i. Dean-Academic, Chairman ii. Dean, Students Welfare iii. Concerned Head of the Department iv. The Institute Medical Officer v. Associate Dean (Examinations) – Convener. Common for both UG and PG programmes	Approved



8	12.18 The valued scripts shall be preserved for a maximum period of 6 months after publication of results	12.1 The valued answer scripts shall be preserved for a maximum period of 6 months after publication of results. The teachers are required to send the valued answer scripts of both mid semester and end semester examinations to the examination section to preserve them.	Approved
9	15: The Malpractice and Disciplinary action committee (Academic) shall award the appropriate punishment. The constitution of the committee is as follows: 1. Dean-Academic, Chairman 2. Dean, Student Affairs 3. Concerned Head of the Department 4. Invigilator (s) 5. Faculty in-charge, Examinations – Convener	15: The Malpractice and Disciplinary action committee (Academic) shall award the appropriate punishment. The constitution of the committee is as follows: 1. Dean-Academic, Chairman 2. Dean, Students Welfare 3. Concerned Head of the Department 4. Invigilator (s) 5. Associate Dean (Examinations) - Convener Common for both UG and PG programmes.	Approved
10	Appendix 3 : Rules for change of branch- 3. Only those students will be eligible for consideration for a change of branch after the I Year II semester, who have - (a) Completed all the credits prescribed in the I Year I semester and I Year II semesters.	Appendix 3 : Rules for change of branch- 3. Only those students will be eligible for consideration for a change of branch after the I Year II semester, who have - (a) Completed all the credits prescribed, except EAA, in the I Year I semester and I Year II semesters. (b) Obtained a CGPA of not less than 8.0 at the end of the I year II semester in single attempt only	Deferred Deferred
11	Appendix –IV	11. It is mandatory for all ICCR students to stay in the Hostels.	Approved
12	Appendix – V : Section 2 Any unauthorized tour/visit by individual or group of students shall be treated as a serious conduct violation and all such students will be imposed disciplinary penalties	18. Any tours / visits by group of students without prior approval from the Institute is not permitted and will be viewed seriously. Common for both UG and PG programmes.	Approved
13	New Item included	Inclusion of internal audit committee at Institute and department level in Appendix – II. Common for both UG and PG programmes. Academic Audit Committee – Department (AACD) Director's nominee Chairman Head of the Department Convener Department nominee Member Functions: • To review the internal audit reports submitted by faculty	Approved

		<ul style="list-style-type: none"> To recommend corrective measures, if any. To send a consolidated report to Academic Audit Committee - Institute <p style="text-align: center;">Academic Audit Committee – Institute (AACI)</p> <div style="display: flex; justify-content: space-between;"> Director Chairman </div> <div style="display: flex; justify-content: space-between;"> Dean – Academic Member </div> <p style="text-align: center;">Two Professors nominated by Director Members</p> <p style="text-align: center;">Associate Dean – Academic Audit Convener</p> <p>Functions:</p> <ul style="list-style-type: none"> To review the recommendations of AACD of each department To initiate appropriate measures (counseling/training etc.). 	
14	Appendix – VI	Inclusion of certificate in B Tech Project Report and M. Tech Dissertation Report.	Approved
15	New Committee	UG Program Evaluation Committee Dean, Academic (Chairman) Heads of Engineering Depts.-Members Assoc. Dean, Examinations- Convener Functions: To review the UG results and recommend to the Senate	Deferred

Item 3 B) Rules and Regulations of M.Tech. Program

Sl No	Existing	Modified	Decision Taken
1	<p>Under point 1.1, Mechanical Engineering 1. Thermal Engineering 2. Manufacturing Engineering 3. Computer Integrated Manufacturing 4. Product Design and Development 5. Automobile Engineering</p> <p>Computer Science and Engineering M.Tech (Information Security)</p> <p>Chemical Engineering Computer Aided Process and Equipment Design</p>	<p>Under point 1.1, Mechanical Engineering 1. Thermal Engineering 2. Manufacturing Engineering 3. Computer Integrated Manufacturing 4. Machine Design 5. Automobile Engineering 6. Materials and Systems Engineering Design 7. Additive Manufacturing</p> <p>Computer Science and Engineering M Tech (Computer Science and Information Security)</p> <p>Chemical Engineering Computer Aided Process and Equipment Design</p>	<p>Approved</p> <p>Approved</p> <p>Approved, but to publish curriculum book with new title from 2015-16 academic year onwards</p>
2	<p>3. COURSE STRUCTURE: An M.Tech. program is of 4-semester duration, out of which 2 semester course work followed by two semester dissertation work. The total course package for an M.Tech. Degree program will typically consist of the following components. a) Core Courses ≥ 24 Credits</p>	<p>3. COURSE STRUCTURE: An M.Tech. program is of 4-semester duration, out of which 2 semester course work followed by two semester dissertation work. The total course package for an M.Tech. Degree program will typically consist of the following components. a) Core Courses ≥ 30 Credits</p>	<p>Approved</p>



	b) Elective Courses ≥ 15 Credits c) Dissertation = 26 Credits d) Mandatory courses = 06 Credits (Seminars- 02, Comprehensive viva-voce-04)	b) Elective Courses ≥ 15 Credits c) Dissertation = 26 Credits																																																	
5	New Item Included	Attendance for both theory and laboratory courses shall be entered before the end of each working week by the concerned teacher through faculty portal of the Institute website. Students are advised to monitor the status of their attendance through student portal of the Institute website	Approved																																																
6	<p>13.1 As a measure of student's performance a 7-scale grading system using the following letter grades and corresponding grade points per credit shall be followed. Grading will be done based on the absolute marks obtained.</p> <table border="1"><tr><td>Letter Grade</td><td>Ex</td><td>A</td><td>B</td><td>C</td><td>D</td><td>P</td><td>F</td></tr><tr><td>Grade Point</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>0</td></tr></table> <p>The norms for the award of the letter grade shall be as follows:</p> <table border="1"><tr><td>Grade</td><td>Ex</td><td>A</td><td>B</td><td>C</td><td>D</td><td>P</td><td>F</td></tr><tr><td>% Marks</td><td>≥ 90</td><td>80-89</td><td>70-79</td><td>60-69</td><td>50-59</td><td>40-49</td><td>< 40</td></tr></table> <p>No student can pass without securing at least 40% marks.</p> <p>a) In case of bunching, the DAC-PG&R may review the reasons for bunching and modify the ranges, marginally. In all such cases, the modified ranges and the reasons should be presented to the Senate for its approval.</p>	Letter Grade	Ex	A	B	C	D	P	F	Grade Point	10	9	8	7	6	5	0	Grade	Ex	A	B	C	D	P	F	% Marks	≥ 90	80-89	70-79	60-69	50-59	40-49	< 40	<p>13.1 As a measure of student's performance a 7-scale grading system using the following letter grades and corresponding grade points per credit shall be followed.</p> <table border="1"><tr><td>Letter Grade</td><td>Ex</td><td>A</td><td>B</td><td>C</td><td>D</td><td>P</td><td>F</td></tr><tr><td>Grade Point</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>0</td></tr></table> <p>No student can pass without securing at least 40% marks. Relative grading scheme shall be followed for all the PG Programmes.</p> <ul style="list-style-type: none">The cut-off (lower limit) for Ex grade should not be less than 85%.The cut-offs for other grades between P and Ex are to be evolved carefully with proper justification. (61st senate Minutes)	Letter Grade	Ex	A	B	C	D	P	F	Grade Point	10	9	8	7	6	5	0	Approved
Letter Grade	Ex	A	B	C	D	P	F																																												
Grade Point	10	9	8	7	6	5	0																																												
Grade	Ex	A	B	C	D	P	F																																												
% Marks	≥ 90	80-89	70-79	60-69	50-59	40-49	< 40																																												
Letter Grade	Ex	A	B	C	D	P	F																																												
Grade Point	10	9	8	7	6	5	0																																												
7	17.5 A student with a CGPA of 6.0 and above but less than 6.5 is considered eligible for the award of Second Division.	17.5 A student with a CGPA of 5.0 and above but less than 6.5 is considered eligible for the award of Second Division. (61 st Senate minutes)	Approved																																																
8	16.4 Students registering for examination shall be awarded only P grade, if they get 30% or more marks in the end semester/makeup examination	16.4 Students who have registered under study mode during an academic year and have appeared for makeup examination, will be graded according to the study mode grading applicable to the regular batch of students. However, in case they get an 'F' grade as per the above criteria, the students who get 40% or more marks in the make-up examination shall be awarded 'P' grade by treating them as registered under 'Examination' Mode. (58 th Senate Minutes)	Approved																																																
9	10.1 26 credits are assigned to the dissertation carried out by a student. The	10.1 26 credits are assigned to the dissertation carried out by a student. The dissertation shall be submitted	Approved																																																



	minimum period for submission of dissertation shall be 44 weeks. This minimum period shall be strictly adhered to. The method of evaluation is as per the guidelines given in Appendix-I.	preferably by 15 th June (but not earlier than 15 th May). The method of evaluation is as per the guidelines given in Appendix-I.	
10	New Item included	<p>Certificate retention fee :</p> <p>All certificates of current academic year students and students –</p> <ul style="list-style-type: none"> Who have passed in previous academic year - Free . Who have passed in 2 to 10 academic years - Rs. 1,000 Who have passed in 11 to 20 academic years - Rs. 5,000. Who have passed more than 20 academic years back - Rs. 10,000 (59th Senate Minutes) 	Approved
11.	New Committee	<p>PG Program Evaluation Committee</p> <p>Dean, Academic (Chairman)</p> <p>Heads of all Departments offering PG programs - Members</p> <p>Assoc. Dean, Examinations- Convener</p> <p>Functions: To review the PG results and recommend to the Senate</p>	Deferred

Item 4. Any other item with the permission of the Chair.

	<p>Any other item:</p> <p>a) An application of M Tech (PSE) student requesting permission to submit dissertation work.: An application of Mr. R. Santosh Kumar, bearing Roll No. 112628, of M.Tech. Power Systems Engineering student is duly recommended by DAC PG&R of EED for submitting his dissertation work with delay of one year. The candidate has not registered for one year during the academic year 2013-14.</p> <p>b) Any unauthorized tour/visit by individual or group of students shall be treated as a serious conduct violation and all such students will be imposed disciplinary penalties</p>	<p>Senate has recommended for registration in the Academic year 2014-15 as per rule 10.3 (page 4) of academic regulations by paying prescribed tuition and other fee and stay for one semester to complete his project work (part-B).</p> <p>It is recommended to take an appropriate undertaking at the time of admission from the students and their parents/guardians. Any tours / visits by group of students without prior approval from the Institute is not permitted and will be viewed seriously. Any such incidents will be reviewed by Disciplinary Committee constituted by the Director.</p>
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CHAIRMAN, SENATE