



**MINUTES OF THE 86th MEETING OF THE SENATE HELD
ON 28.06.2017 AT 10.00 AM IN THE SENATE HALL OF NIT, WARANGAL**

Members Present:

Prof. G.R.C. Reddy
Director i/c , NITW & Chairman, Senate

Internal:

1.	Prof. G. Radhakrishnama Charya
2.	Prof. A. Ramachandraiah
3.	Prof. K.V. Jayakumar
4.	Prof. I.A.K. Reddy
5.	Prof. N.V. Uma Mahesh
6.	Prof. P. Anand Raj
7.	Prof. K. Laxma Reddy
8.	Prof. K. Madhu Murty
9.	Prof. D.M. Vinod Kumar
10.	Prof. L. Ramgopal Reddy
11.	Prof. Y. Pydisetty
12.	Prof. N.V.S. Narasimha Sarma
13.	Prof. D. Rama Seshu
14.	Prof. D.V.S.S. Siva Sarma
15.	Prof. C.S.R.K. Prasad
16.	Prof. D.S. Kesava Rao

17.	Prof. P. Bangaru Babu
18.	Prof. K.N.S. Kasiviswanadham
19.	Prof. A. Neelakanteswara Rao
20.	Prof. Debashish Dutta
21.	Prof. N. Selvaraj
22.	Prof. K.V. Sai Srinadh
23.	Prof. M. Sai Shankar
24.	Prof. R.L.N. Sai Prasad
25.	Prof. G. Amba Prasada Rao
26.	Prof. V.T. Somasekhar
27.	Prof. G.V.S. Nageswara Rao
28.	Prof. M. Chandra Sekhar
29.	Dr. T. Kishore Kumar, HOD, ECE
30.	Dr. Ch. Sudhakar, HOD, CSE
31.	Dr. Shirish Sonawane, HOD, Biotech
32.	Dr. M. Ravinder Reddy, HOD, SOM

Special Invitees:

Dr. A. Venu Vinod, Chemical Engg

Dr. N. Narasaiah, MMED

Dr. P.V. Srilakshmi, Chemistry

The following Members expressed their inability to attend the Meeting:

Prof. P.S. Roy

Prof. Sujata Patel

Prof. O.R. Jaiswal

Internal

1.	Prof. R.V. Chalam
2.	Prof. K.S.R. Krishna Prasad
3.	Prof. C.B. Kameswara Rao
4.	Prof. T. Ramesh
5.	Prof. M. Krishna Mohan
6.	Prof. P. Nageswara Rao
7.	Prof. M. Sydulu
8.	Prof. Y.N. Reddy
9.	Prof. S.V.S.R. Reddy
10.	Prof. L. Krishnanand
11.	Prof. D.V.L.N. Somayajulu
12.	Prof. Ch.S.P. Rao
13.	Prof. B.B. Amberkar
14.	Prof. G. Rajesh Kumar

15.	Prof. S. Srinivasa Rao
16.	Prof. J.V. Ramana Murty
17.	Prof. N. Subrahmanyam
18.	Prof. Deva Pratap
19.	Prof. Bhagawan K. Murty
20.	Prof. C. Gururaja Rao
21.	Prof. A. Venu Gopal
22.	Prof. P. Ravi Kumar
23.	Prof. S.G. Sanjeevi
24.	Prof. V. Rajeswara Rao
25.	Prof. N. Viswanathan
26.	Dr. A. Sarat Babu
27.	Dr. K.V. Gobi

At the outset the chairman welcomed all the members to the senate and thanked them for making convenient to attend the meeting.



Prof. N.V. Uma Mahesh, Chairman Senate Subcommittee proposed the modifications and after long deliberations, the accepted changes are mentioned below. Other rules will be same as earlier rules & regulations of 2012.

Accepted Revisions in UG rules and regulations

Rule 9: (To replace the Rules 9.1 to 9.4)

A student must register the backlog courses first giving priority to the oldest backlogs. The students will register by default for backlog courses being offered in a particular semester. The maximum credits (including backlog students) that a student can register in a semester is 30.

Rule 10.1:

As a measure of student's performance an 8-scale grading system using the following letter grades and corresponding grade points per credit shall be followed. Grading will be done based on the total marks obtained by the student in that subject.

Letter Grade	S	A	B	C	D	E	P	F
Grade Point	10	9	8	7	6	5	4	0

Relative grading scheme shall be followed for all the UG Programs.

The norms for the award of the letter grade are as follows:

- No student can be awarded P or better grade without securing at least **35%** aggregate marks in any course.
- It is also mandatory that the student should secure at least 35% marks in the End Semester examination in the course for award of P or better Grade.
- The class average is calculated by excluding the marks obtained by F grade students.
- C grade range should be fixed such that the class average is within that range.
- The cut-offs of various grades may be fixed carefully based on class average and the spread of marks (standard deviation). Cut-off lines should be drawn in such a way that there is a clear distinction between adjacent grades. The width of each grade should be between 0.5 to 1.0 times Standard Deviation (SD). The cut offs of various grades can be adjusted based on the gaps in the spread of the marks. There should be clear gaps near the cut off lines or there should be very thin population adjacent to the cut-off lines.
- The lower cut-off for S grade may be fixed at 1.5 to 2 times SD above class average.
- Deviations from above norms may be permitted for small classes. Such deviations should be approved by DAC-UG and the same has to be placed before Senate.

It is usually expected that the class average of a theory course lies between 50 and 70. If the class average is outside this range, it needs to be considered as an abnormal case. In such a case, DAC-UG has to review the results and analyse the reasons for the same. The report of the analysis has to be submitted to the Senate along with the results. The report of the analysis along with the question papers of that course shall be forwarded to Academic Audit Section for further necessary suggestions and remedial measures.



In addition, there shall be four transitional grading symbols, which can be used by the examiners to indicate the special position of a student in the subject.

- **I:** for "Incomplete assessment", when the student misses the End-semester examination on Medical grounds/ family calamity (see rule 12.4).
- **R:** for 'Insufficient attendance' in the course (see Rule 7.2).
- **W:** for "Temporary withdrawal" from the Institute (see rule 13).
- **X:** for "Debarred" on grounds of indiscipline/ malpractices in examinations (See rule 14).

Rule 12.14:

A student who has passed all the courses without securing R, X, or F Grades during the period of study and with a **CGPA of 8.5 and above** is considered eligible for the award of First Division with Distinction.

Rule 12.15:

A student failing to satisfy Rule 12.14, even if he/she gets a **CGPA of 8.5** or more will be eligible for the award of First Division only.

Rule 12.16:

A student with a CGPA of 6.5 and above but less than 8.5 is considered eligible for the award of First Division.

Rule 12.17:

A student with a CGPA of 5.0 and above but less than 6.5 is considered eligible for the award of Second Division.

Rule 12.18:

A student with a CGPA of 4.0 and above but less than 5.0 is considered eligible for the award of Pass Division.

Summer Quarter:

Students who have obtained 'F' grade in first year courses can register for summer quarter up to a maximum of 3 courses on payment of registration fees at prescribed rates. Students with 'R' grade are not eligible to register for Summer Quarter. A course will run during summer provided a faculty member is ready to offer the course and a minimum of 5 students are registered for the course. The Summer Quarter typically runs for 8 weeks, during May-July.

The total number of contact hours for the courses remains the same as that during the regular semesters, and therefore the courses run at accelerated pace. The evaluation and grading patterns also remain the same as during the regular semesters.

**Proposed Revisions in PG rules and regulations****Rule 9.2:**

Each theory subject in a semester is evaluated for 100 marks, with the following weightages.

Sub-component	Weightage
Continuous Evaluation	20 marks
Mid-semester Examination	30 marks
End-semester Examination	50 marks

Rule 9.6:

Each laboratory course in a semester is evaluated for 100 marks, with the following weightages:

Sub-component	Weightage
Continuous evaluation	60 marks
The marks for continuous evaluation may be distributed among various components like class work performance, Lab records, Quizzes, skill tests/ assignments/ mini projects	
End Semester examination	40 marks

Rule 9.7:

Comprehensive Viva: The oral examination carrying 2 credits will cover the entire course of study up to I year II semester. The viva voce shall be conducted by a committee constituted by the Head of the Department. The committee will also have a faculty member from allied Department nominated by Director.

Rule 10.6:

The Dissertation Part – A will be evaluated for 100 marks, with the following weightages:

Sub-component	Weightage
Periodic evaluation by Guide	40 marks
Midterm review	20 marks
End Semester viva-voce examination	40 marks

The midterm review and the end semester viva-voce examination will be conducted by a committee constituted by the Head of the Department.

The Dissertation Part – B will be evaluated for 100 marks, with the following weightages:

Sub-component	Weightage
Periodic evaluation by Guide	40 marks
Midterm review	20 marks
End Semester viva-voce examination	40 marks



The end semester viva-voce examination will be conducted by Director's nominee as chairman along with an evaluation committee constituted by the Head of the Department. The midterm evaluation will also be done by the evaluation committee.

The Departments have to evolve rubrics for evaluation of Dissertation Part-A and Part-B. The marks may be distributed among various components like selection of topic, problem statement, literature review, methodology, oral and written presentation of the work done and performance in viva-voce examination.

If the performance of the student in either Dissertation Part-A or Dissertation Part-B is not satisfactory, he/ she will be awarded 'F' grade. The student has to repeat the dissertation work. Such students may be given an option to either continue with the same topic and with the same guide or change the guide and the topic of his dissertation.

Rule 13.1:

As a measure of student's performance an 8-scale grading system using the following letter grades and corresponding grade points per credit shall be followed. Grading will be done based on the total marks obtained by the student in that subject.

Letter Grade	S	A	B	C	D	E	P	F
Grade Point	10	9	8	7	6	5	4	0

Relative grading scheme shall be followed for all the PG Programs.

The norms for the award of the letter grade are as follows:

- No student can be awarded P or better grade without securing at least 40% aggregate marks in any course.
- It is also mandatory that a student should secure at least 40% marks in the End Semester examination in the course for award of P or better Grade.
- The class average is calculated by excluding the marks obtained by F grade students.
- C grade range should be fixed such that the class average is within that range.
- The cut-offs of various grades may be fixed carefully based on class average and the spread of marks (standard deviation). Cut-off lines should be drawn in such a way that there is a clear distinction between adjacent grades. The width of each grade should be between 0.5 to 1.0 times Standard Deviation (SD). The cut offs of various grades can be adjusted based on the gaps in the spread of the marks. There should be clear gaps near the cut off lines or there should be very thin population adjacent to the cut-off lines.
- The lower cut-off for S grade may be fixed at 1.5 to 2 times SD above class average.
- Deviations from above norms may be permitted for small classes. Such deviations should be approved by DAC-PG&R and the same has to be placed before Senate.

It is usually expected that the class average of a theory course lies between 50 and 70. If the class average is too high or too low, it needs to be considered as an abnormal case. If the average is above 70 or below 50 marks, DAC-PG&R has to review the results and analyse the reasons for the same. The report of the analysis has to be submitted to the Senate along with the results. The report of the analysis along with the question papers of that course shall



be forwarded to Academic Audit Section for further necessary suggestions and remedial measures.

In addition, there shall be four transitional grading symbols, which can be used by the examiners to indicate the special position of a student in the subject.

- **I:** for "Incomplete assessment", when the student misses the End-semester examination on Medical grounds / family calamity (see rule 12.4).
- **R:** for 'Insufficient attendance' in the course (see Rule 7.2).
- **W:** for "Temporary withdrawal" from the Institute (see rule 13).

X: for "Debarred" on grounds of indiscipline/ malpractices in examinations (See rule 14).

Rule 16.4:

Students registering for makeup examination shall be awarded only P grade, if they get 40% or more marks in the end semester/makeup examination.

Rule 16.5:

Students with "F" or "I" Grade only are eligible to write makeup examination. In the case of a student who has got "I" grade, the marks obtained by the student in continuous evaluation and mid-semester examination will be added the marks obtained in makeup examination and will be graded as per the grading used for his/ her class. In the case of a student who has obtained "F" grade, he/ she will be awarded only "P" grade if he or she get 40% or more in the makeup examination. A student will be given only one chance to write the makeup examination. If he/ she gets "F" grade in the makeup examination, he/she has to repeat the course whenever it is offered.

Rule 19.7: New Clause to be added

If a student at the time of joining the job has completed substantial part of his/ her dissertation work (Part-B), such student may be permitted based on the recommendations of DAC-PG&R, to submit his/ her thesis along with the regular students. There is no need for co-supervisor from his/ her organization.

Rule 17.3:

A student who has passed all the courses without securing R, X, or F Grades during the period of study and with a **CGPA of 8.5 and above** is considered eligible for the award of First Division with Distinction.

Rule 17.4:

A student failing to satisfy Rule 17.3, even if he/she gets a **CGPA of 8.5** or more will be eligible for the award of First Division only.

Rule 17.5:

A student with a CGPA of 6.5 and above but less than 8.5 is considered eligible for the award of First Division.

**Rule 17.6:**

A student with a CGPA of 5.0 and above but less than 6.5 is considered eligible for the award of Second Division.

Rule 17.7:

A student with a CGPA of 4.0 and above but less than 5.0 is considered eligible for the award of Pass Division.

The following corrections/additions to the earlier notified rules are accepted:

Item 3.1 of senate – minutes of 83 rd meeting:	
Circulated item	To be modified as
Considering the course structure M. Sc (Maths) and M.Sc (Chemistry) proposed by the corresponding Departments.	Considering the course structure of M.Sc (Applied Mathematics) , M.Sc (Mathematics & Scientific Computing) and M.Sc (Chemistry) proposed by the corresponding departments.
Rule of 2.2.1 of senate minutes 84 th meeting (Eligibility criteria for category(a) students: Engineering departments	
Master's/M.S(by research) degree in engineering/technology in the appropriate branch of study with minimum 60% aggregate marks (CGPA $\geq 6.5/10$) in UG and PG for admission under OC/OBC category and 55% aggregate marks (CGPA $\geq 6.0/10$) for candidates under SC/ST/PWD category. All candidates must have valid GATE score.	Master's/M.S (by research) degree in engineering/technology in the appropriate branch of study with minimum 60% aggregate marks (CGPA $\geq 6.5/10$) in UG and PG for admission under OC/OBC category and 55% aggregate marks (CGPA $\geq 6.0/10$) for candidates under SC/ST/PWD category. All candidates must have qualified GATE score.
Rule 7.7 of senate minutes 85 th meeting (attendance concession for representing the institute)	
A student representing the institute in approved extra-curricular activities such as sports, games, cultural meets, seminar, workshop, conference and interview arranged through Training & Placement Department, shall be considered as on-duty subject to a maximum of five working days in a semester. Prior permission from competent authority is required for availing on-duty permission. The period of absence can be counted as present for the computation of percentage of attendance at the end of semester.	A student representing the institute in approved extra-curricular activities such as sports, games, NCC/ NSS, cultural meets, seminar, workshop, conference and interview arranged through Training & Placement Department, shall be considered as on-duty subject to a maximum of five working days in a semester. Prior permission from competent authority is required for availing on-duty permission. The period of absence can be counted as present for the computation of percentage of attendance at the end of semester

Constitution of Class Review Committee for Department Courses

1. **Head of the Department/** One Senior Faculty of the Department, preferably not associated with teaching of the class (nominated by the Head of the Department) will be the Chairman of the Class Review Committee.
2. All teachers of the class
3. Six students, to be chosen by the students of the class from amongst themselves
4. Faculty advisor of the class (Convener/ Secretary of the Committee)

The responsibilities of the class review committee are as follows:



1. The Class Review Committees shall meet at least twice in a semester, once after four to six weeks after the commencement of class work and once two weeks after the mid semester examinations.
2. The class review committee will periodically review the progress of the class work.
3. The class review committee will do a mid-semester review of the performance of the class work two weeks after the mid-semester examinations. The committee will review the performance of the class in mid semester and other exams conducted till that date.

Rule 11.5:

Each laboratory course in a semester is evaluated for 100 marks, with the following weightages:

Sub-component	Weightage
Continuous evaluation	60 marks
The marks for continuous evaluation may be distributed among various components like class work performance, Lab records , Quizzes, skill tests/ assignments/ mini projects	
End Semester examination	40 marks

Rule 11.6:

The B.Tech Project work will be evaluated for 100 marks, with the following weightages:

Sub-component	Weightage
Periodic evaluation by Guide	40 marks
Midterm review	20 marks
End Semester viva-voce examination	40 marks

The midterm review and the end semester viva-voce examination will be conducted by a committee constituted by the Head of the Department. If the performance of a student is not satisfactory, he/ she can be awarded 'F' grade. **Such a student will be given a maximum time of three months to improve the performance. If the performance is not satisfactory even after the extended time period, he/ she has to repeat the project work in the next academic year.**

The project work will commence in IV year I semester and will be for a duration of two semesters. The final evaluation of the project work will be done at the end of second semester and the grade for project will be given at the end of second semester.

Rule 12.10:

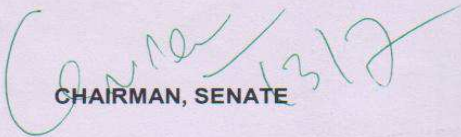
As a process of learning by students and also to ensure transparency, the answer scripts after correction of class tests, mid-semester examinations, assignments etc., will be shown to the students within **two weeks** from the date of test/examination. The teacher/ Chairman, Coordination Committee must submit the marks obtained in mid-semester examinations to the Head of the Department two weeks after the end of mid-semester examinations. The marks obtained in class tests/ minor tests held till that date also need to be submitted to the



Head of the Department. The performance of the students in these examinations will be discussed in the Class Review Committee.

The procedure for the evaluation of PG dissertation work for the students of 2017-18 will be same as recorded above in the rule 10.2.

3. Any other item(s) with the permission of the Chair:		
3.1	Mr. Allamraju Mani Kantha , 141503, M. Tech (Engg. Structures) has been permitted to convert his full time program into part time by senate at its 45 th meeting in 2015. He completed comprehensive Viva voce and Dissertation part-A recently. The grades obtained by him have been recommended by DAC – PG&R of Dept of Civil Engg.	Passed.
3.2	Two Ph.D. students completed their viva voce after the last senate.	Informed.
3.3	The request of a senator to drop the rule 8.9 mentioned in the 85 senate meeting regarding the number of chances for a student to appear make up examination.	It is resolved to keep the rule as it was mentioned in the minutes of 85 th senate.


CHAIRMAN, SENATE