

NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI
(An Autonomous Institution – Affiliated to Anna University Chennai)



THE MINUTES OF THE 6th ACADEMIC COUNCIL

MINUTES OF THE SIXTH ACADEMIC COUNCIL MEETING HELD ON **07.05.2016** AT **10.00 A.M.** IN THE CONFERENCE HALL OF ADMINISTRATIVE BLOCK, NATIONAL ENGINEERING COLLEGE, KOVILPATTI UNDER THE CHAIRMANSHIP OF **Dr.S.SHANMUGAVEL**, PRINCIPAL

The following members were present:

Dr.S.Shanmugavel Principal, National Engineering College

Academic Experts

Dr.T.V. Geetha Director/ Academic Courses, Anna University, Chennai–25

Dr.M.A.Bhagyaveni Professor / Dept. of ECE, Anna University, Chennai –25

Dr.L.Karunamoorthy Chairman/Mechanical Engg., Anna University, Chennai–25

Industrial Experts

Mr.A.K.Pattabiraman Head, Accreditation Process for South India,
Tata Consultancy Services Limited, Chennai –96

Mr.R.Dhamodaran Sr. Vice President, HCL Services Limited, Chennai –34

Mrs.A.Bhanurekha Senior Program Manager. WIPRO Limited, Chennai – 32

University Nominees

Dr.V.Abhai Kumar Principal, Thiagarajar College of Engineering,
Madurai – 15

Dr. Indra Getzy David	Asso.Professor & Head / Dept. of EEE, Government College of Engineering, Tirunelveli – 07
Dr.N.G.Ramesh Babu	Prof. & Head / Bio-Technology, Adhiyamaan College of Engineering, Hosur – 09

Special Invitees

Dr.Kn.K.S.K.Chockalingam	Director, National Engineering College
Dr.P.Subburaj	Professor / EEE, National Engineering College
Dr.V.Seenivasagam	Controller of Examinations, National Engineering College

Internal Members

Dr.K.Manisekar	Dean (Academic), National Engineering College
Dr.K.Kalidasa Murugavel	Prof. & Head / Mechanical, National Engineering College
Dr.D.Ravindran	Prof. / Mechanical, National Engineering College
Dr.A.Shenbagavalli	Prof. & Head / ECE, National Engineering College
Dr.S.Tamilselvi	Prof. / ECE, National Engineering College
Dr.B.Paramasivan	Prof. & Head / CSE, National Engineering College
Dr.K.G.Srinivasagan	Prof. & Dean (TCP), National Engineering College
Dr.M.Willjuice Iruthayarajan	Prof. & Head / EEE, National Engineering College
Dr.B.Sankaragomathi	Prof. & Head / EIE, National Engineering College
Dr.C.Puthiyasekar	Prof. & Head / Civil, National Engineering College
Dr.D.Manimegalai	Prof. & Head / IT, National Engineering College
Dr.M.A.Neelakandan	Prof. & Head / S & H, National Engineering College
Prof. S.Rammurthy	P.S. to Principal, National Engineering College
Dr.L.Kalaivani	Asso. Prof. / EEE, National Engineering College
Dr.S.Sankar Ganesh	Asso. Prof. / IT, National Engineering College

The meeting began with the Principal's (Academic Council Chairman, National Engineering College) welcome address. He outlined briefly the various agenda items to be presented at the meeting. He also described the various committees and Academic meetings held to formulate the Choice Based Credit System Curriculum and Syllabi for the UG Programmes offered under Regulation 2015. After the formal welcome, he requested the Director to deliver the Special Address.

The Director while addressing the Council highlighted that the OBE & CBCS based Curriculum and syllabi of III to VIII semester of 7 UG programmes under Regulation 2015 & Curriculum and syllabi of VII & VIII semester of 7 UG programmes under Regulation 2013 would be discussed in the Academic Council.

Following the address by the Director, the Dean (Academic) moved the following agenda items on behalf of the Principal.

Action Taken on items of 05th Academic Council

DA 06.01 TO CONFIRM THE MINUTES OF FIFTH ACADEMIC COUNCIL MEETING HELD ON 18th APRIL 2015

The minutes of the **Fifth Academic Council meeting** held on **18/04/2015** were communicated to the members vide **letter No. NEC / Dean (Aca) /5th AC / 2014-15 dated 21/04/2015**. The comments received have been incorporated and placed for confirmation. The same was approved by the council.

➤ **Minutes of 05th Academic Council**

DA 06.02 TO CONSIDER AND RATIFY THE AMENDMENTS TO CLAUSE 8.0 & 11.0 OF NEC UG DEGREE PROGRAMME REGULATIONS 2011

RESOLVED TO RATIFY the amendments to Clause 8.0 & 11.0 OF NEC UG Degree Programme Regulations 2011 with effect from Academic year 2011-12 onwards

➤ **AMENDMENTS – UG REGULATIONS 2011**

DA 06.03 TO CONSIDER AND APPROVE THE AMENDMENTS TO CLAUSE 3.0 & 8.0 OF NEC UG DEGREE PROGRAMME REGULATIONS 2013

RESOLVED TO APPROVE the amendments to Clause 3.0 & 8.0 of NEC UG Degree Programme Regulations 2013 with effect from Academic year 2013-14 onwards

➤ **AMENDMENTS – UG REGULATIONS 2013**

DA 06.04 TO CONSIDER AND RATIFY THE AMENDMENTS TO CLAUSE 8.0, 10.0, 11.0 and 12.0 OF NEC UG DEGREE PROGRAMME & CLAUSE 9.0 OF NEC PG DEGREE PROGRAMME REGULATIONS 2013.

RESOLVED TO RATIFY the amendments to Clause 8.0, 10.0, 11.0 and 12.0 of NEC UG Degree Programme & Clause 9.0 of NEC PG Degree Programme Regulations 2013 with effect from Academic year 2013-14 onwards

➤ **AMENDMENTS – UG & PG REGULATIONS 2013**

DA 06.05 TO CONSIDER AND APPROVE THE AMENDMENTS TO CLAUSE 4.0, 6.0, 11.0 & 12.0 OF NEC UG DEGREE PROGRAMME & CLAUSE 12.0 OF NEC PG DEGREE PROGRAMME BASED ON OBE & CBCS REGULATIONS 2015.

RESOLVED TO APPROVE the amendments to Clause 4.0, 6.0, 11.0 & 12.0 of NEC UG DEGREE PROGRAMME & clause 12.0 of NEC PG Degree Programme Based on OBE & CBCS Regulations 2015 with effect from Academic year 2015-16 onwards

➤ **AMENDMENTS – UG REGULATIONS 2015**

DA 06.06 TO CONSIDER AND RATIFY THE INTRODUCTION OF RELATIVE GRADING SYSTEM FOR THE AWARD OF LETTER GRADES AND GRADE POINT FOR THEORY & PRACTICAL COURSES FOR STUDENTS ADMITTED UNDER REGULATIONS 2015.

RESOLVED TO RATIFY the Introduction of Relative Grading System for the award of letter grades and grade point for Theory & Practical Courses for students admitted under Regulations 2015 with effect from Academic year 2015-16 onwards

➤ **INTRODUCTION OF RELATIVE GRADING SYSTEM**

Other points discussed by the standing committee for consideration by the academic council

DA 06.07 TO CONSIDER AND RATIFY THE MODIFICATION OF RANGE OF MARKS IN AMENDMENTS TO **CLAUSE 15.0** FOR THE AWARD OF LETTER GRADES AND GRADE POINT FOR THEORY COURSES FOR STUDENTS ADMITTED UNDER REGULATIONS 2015.

RESOLVED TO RATIFY the modification of range of marks in amendments to clause 15.0 for the award of letter grades and grade point for Theory Courses for students admitted under Regulations 2015 with effect from Academic year 2015-16 onwards

➤ **AMENDMENTS – UG REGULATIONS 2015**

1. BUSINESS BROUGHT FORWARD BY THE BOARD OF STUDIES

AGENDA FROM DEPARTMENT OF MECHANICAL ENGINEERING

The Standing Committee of the Academic Council recommends, **Dr. K. Kalidasa Murugavel, Chairman, Mechanical Engineering** shall move the following items based on the decision of the Board of Studies in Mechanical Engineering.

ME 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF III TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of III to VIII semesters for the UG Degree Programmes (based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **B.E. MECHANICAL ENGG. – Curriculum & Syllabi III – VIII semester**

ME 06.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF VII TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2013

RESOLVED TO APPROVE the Curriculum and Syllabi of VII TO VIII Semesters for the UG Degree Programmes to be offered under R-2013 with effect from Academic year 2013-14 onwards

➤ **B.E. MECHANICAL ENGG. – Curriculum & Syllabi VII – VIII semester**

AGENDA FROM DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Standing Committee of the Academic Council recommends, **Dr. A.Shenbagavalli, Chairman, Electronics and Communication Engineering** shall move the following items based on the decision of the Board of Studies in Electronics and Communication Engineering.

EC 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF III TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of III TO VIII semesters for the UG Degree Programmes (Based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **B.E. ECE. – Curriculum & Syllabi III – VIII semester**

EC 06.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF VII TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2013

RESOLVED TO APPROVE The Curriculum and Syllabi of VII TO VIII semesters for the UG Degree Programmes to be offered under R-2013 with effect from Academic year 2013-14 onwards

➤ **B.E. ECE. – Curriculum & Syllabi VII – VIII semester**

AGENDA FROM DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Standing Committee of the Academic Council recommends, **Dr. B.Paramasivan, Chairman, Computer Science and Engineering** shall move the following items based on the decision of the Board of Studies in Computer Science and Engineering.

CS 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF III TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of III TO VIII semesters for the UG Degree Programmes (Based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **B.E. CSE. – Curriculum & Syllabi III – VIII semester**

CS 06.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF VII TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2013

RESOLVED TO APPROVE the Curriculum and Syllabi of VII TO VIII semesters for the UG Degree Programmes to be offered under R-2013 with effect from Academic year 2013-14 onwards

➤ **B.E. CSE. – Curriculum & Syllabi VII – VIII semester**

AGENDA FROM DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Standing Committee of the Academic Council recommends, **Dr. M.Willjuice Iruthayarajan, Chairman, Electrical and Electronics Engineering** shall move the following items based on the decision of the Board of Studies in Electrical and Electronics Engineering.

EE 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF III TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of III to VIII semesters for the UG Degree Programmes (Based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **B.E. EEE. – Curriculum & Syllabi III – VIII semester**

AGENDA FROM DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

The Standing Committee of the Academic Council recommends, **Dr. B.Sankaragomathi, Chairman, Electronics and Instrumentation Engineering** shall move the following items based on the decision of the Board of Studies in Electronics and Instrumentation Engineering.

EI 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF III TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of III TO VIII semesters for the UG Degree Programmes (Based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **B.E. EIE. – Curriculum & Syllabi III – VIII semester**

EI 06.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF VII TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2013

RESOLVED TO APPROVE the Curriculum and Syllabi of VII TO VIII semesters for the UG Degree Programmes to be offered under R-2013 with effect from Academic year 2013-14 onwards

➤ **B.E. EIE. – Curriculum & Syllabi VII – VIII semester**

AGENDA FROM DEPARTMENT OF CIVIL ENGINEERING

The Standing Committee of the Academic Council recommends, **Dr. C.Puthiyasekar, Chairman, Civil Engineering** shall move the following items based on the decision of the Board of Studies in Civil Engineering.

CE 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF III TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of III TO VIII semesters for the UG Degree Programmes (Based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **B.E. CIVIL ENGG. – Curriculum & Syllabi III – VIII semester**

AGENDA FROM DEPARTMENT OF INFORMATION TECHNOLOGY

The Standing Committee of the Academic Council recommends, **Dr. D.Manimegalai, Chairman, Information Technology** shall move the following items based on the decision of the Board of Studies in Information Technology.

IT 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF III TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of III TO VIII semesters for the UG Degree Programmes (Based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **B.Tech. IT – Curriculum & Syllabi III – VIII semester**

IT 06.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF VII TO VIII SEMESTERS FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2013

RESOLVED TO APPROVE the Curriculum and Syllabi of VII TO VIII semesters for the UG Degree Programmes to be offered under R-2013 with effect from Academic year 2013-14 onwards

➤ **B.Tech. IT – Curriculum & Syllabi VII – VIII semester**

AGENDA FROM DEPARTMENT OF SCIENCE AND HUMANITIES

The Standing Committee of the Academic Council recommends, **Dr.M.A.Neelakantan, Chairman, Science & Humanities** shall move the following items based on the decision of the Board of Studies in Science & Humanities.

SH 06.01 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF TRANS DISCIPLINARY ELECTIVE COURSES FOR THE UG DEGREE PROGRAMMES (Based on OBE & CBCS) TO BE OFFERED UNDER R-2015

RESOLVED TO APPROVE the Curriculum and Syllabi of Trans Disciplinary Elective Courses for the UG Degree Programmes (Based on OBE & CBCS) to be offered under R-2015 with effect from Academic year 2015-16 onwards

➤ **Trans disciplinary Elective Courses – Curriculum & Syllabi Under R-2015**

SH 06.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF TRANS DISCIPLINARY ELECTIVE COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2013

RESOLVED TO APPROVE the Curriculum and Syllabi of Trans Disciplinary Elective Courses for the UG Degree Programmes to be offered under R-2013 with effect from Academic year 2013-14 onwards

- **Trans disciplinary Elective Courses – Curriculum & Syllabi Under R-2013**

5. ANY OTHER ITEMS, IF ANY, WITH THE PERMISSION OF THE CHAIRMAN OF THE ACADEMIC COUNCIL

Other Points discussed by the Academic Council

1. In Regulation 2011 & 2013,

In a system of Examination (Clause 8.4), it is suggested to include the condition that if the project work does not meet the requirements, the student is deemed to have failed in the project work.

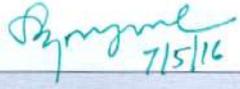
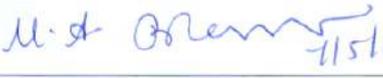
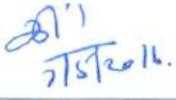
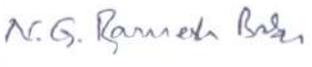
2. In Regulation 2013, in Clause 9.4 for awarding internal marks, the students is to be advised to present 2 seminars on two different topics on research papers/patent reviews.

3. In Regulation 2015, it is suggested that

- i. In the structure of the programme (Clause 4.0) for clause 4.5.2 a separate heading is to be given.
- ii. In the clause 6.0, the constraint for the registration of students for a course is to be removed.
- iii. In the clause 11.3, the Blooms Taxonomy level is to be indicated in addition to the question pattern.

- iv. In the clause 11.3.1, it is suggested that the End Semester Examination may be conducted for one credit courses as and when the courses are completed, if necessary. The examination results may be declared along with the end semester results.
4. One or two integrated courses may be included in each semester. The evaluation for practical component may be carried out only through continuous assessment. End Semester Examination may consist of only theory component.
5. Number of theory courses and laboratory courses can be uniform for all the departments.
6. Micro Financing and Patent Laws may be included as Trans disciplinary courses.
7. In EEE curriculum, a course on Smart Grid may be included.
8. In CIVIL curriculum, building demolition and debris recycling course may be included as one credit course.
9. In MECHANICAL Engineering, an elective course on Additive Manufacturing may be included.
10. It is suggested to include student members in the Academic Council & Board of Studies from the forthcoming Academic year onwards.
11. Question papers monitoring board may be formed to monitor the question paper quality.
12. Separate practical courses may be provided for Electronics – I in 3rd semester & Electronics – II in 4th semester in ECE Curriculum.
13. Credit for Digital Electronics in 3rd semester may be reduced as 3 and instead of 4. In Electronic Circuits – I the credit may be increased to 4 by introducing few practical exercises for ECE.

Members Present

Dr.S.Shanmugavel Academic Council Chairman National Engineering College	 7/5/16
Academic Experts	
Dr.T.V. Geetha Director/ Academic Courses Anna University, Chennai - 25	 7/5/2016.
Dr.M.A.Bhagyaveni Professor / Dept. of Electronics and Communication Engineering Anna University, Chennai - 25	 7/5/16
Dr.L.Karunamoorthy Chairman / Mechanical Engineering Anna University, Chennai - 25	 7/5/16
Industrial Experts	
Mr.A.K.Pattabiraman Head, Accreditation Process for South India, Tata Consultancy Services Limited Chennai - 96	
Mr.R.Dhamodaran Sr. Vice President HCL Services Limited, Chennai - 34	
Mrs.A.Bhanurekha Senior Program Manager WIPRO Limited, Chennai - 32	
University Nominees	
Dr.V.Abhai Kumar Principal, Thiagarajar College of Engineering Madurai - 15	 V. Abhai Kumar
Dr. Indra Getzy David Asso Prof & Head / Department of Electrical and Electronics Engineering Government College of Engineering Tirunelveli - 07	 7/5/2016.
Dr.N.G.Ramesh Babu Prof. & Head / Bio-Technology Adhiyamaan College of Engineering Hosur - 09	 N.G. Ramesh Babu
Dr.Kn.K.S.K.Chockalingam Director	 7.5.16
Dr.V.Seenivasagam Controller of Examinations	 7/5/16
Dr.P.Subburaj Professor / EEE	 P. Subburaj
Dr.K.Manisekar Prof. & Dean (Academic)	 K. Manisekar
Dr.K.Kalidasa Murugavel Prof. & Head / Mechanical	 K. Kalidasa Murugavel
Dr.D.Ravindran Prof. / Mechanical	 D. Ravindran
Dr.A.Shenbagavalli Prof. & Head / ECE	 A. Shenbagavalli
Dr.S.Tamilselvi Prof. / ECE	 S. Tamilselvi

6th ACADEMIC COUNCIL on 07th May 2016

MINUTES

Dr.B.Paramasivan Prof. & Head / CSE	<i>A. Paramasivan</i> 7/5/16
Dr.K.G.Srinivasagan Prof. & Dean (TCP)	<i>K.G. Srinivasagan</i>
Dr.M.Willjuice Iruthayarajan Prof. & Head / EEE	<i>M. Willjuice Iruthayarajan</i> 7/5/16
Dr.B.Sankaragomathi Prof. & Head / EIE	<i>B. Sankaragomathi</i> 7/5/16
Dr.C.Puthiyasekar Prof. & Head / Civil	<i>C. Puthiyasekar</i> 07/05/16
Dr.D.Manimegalai Prof. & Head / IT	<i>D. Manimegalai</i> 7/5/16
Dr.M.A.Neelakandan Prof. & Head / S & H	<i>M.A. Neelakandan</i> 7/5/16
Prof. S.Rammurthy P.S. to Principal	<i>S. Rammurthy</i>
Dr.L.Kalaivani Asso. Prof. / EEE	<i>L. Kalaivani</i> 7/5/16
Dr.S.Sankar Ganesh Asso. Prof. / IT	<i>S. Sankar Ganesh</i> 7/5/16

S. Rammurthy
7/5/16

ACADEMIC COUNCIL CHAIRMAN

NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution Affiliated to Anna University Chennai)

K.R.NAGAR, KOVILPATTI - 628 503



MINUTES – FOURTH STANDING COMMITTEE OF THE ACADEMIC COUNCIL

Date: 18th AUGUST 2015

Time: 03.30 PM

Venue: Conference Hall in the Administrative Block

NEC, Standing Committee Meet on 18th Aug. 2015

NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI
(An Autonomous Institution Affiliated to Anna University Chennai)

MINUTES OF THE 4th STANDING COMMITTEE – ACADEMIC COUNCIL MEETING HELD ON

18/08/2015

The Standing Committee meeting of the Academic Council was held at 03.30 PM on 18/08/2015 at the Conference Hall in the Administrative Block under the Chairmanship of **Dr.S.SHANMUGAVEL, Principal.**

Members List

CHAIRMAN

Dr.S.Shanmugavel, Principal

Members

Dr.Kn.K.S.K.Chockalingam, Director

Dr.K.Manisekar, Professor & Dean (Academic)

Dr.V.Seenivasagam, Controller of Examinations

Dr.K.Kalidasa murugavel, Professor & Head / Mechanical

Dr.A.Shenbagavalli, Professor & Head / ECE

Dr.B.Paramasivan, Professor & Head / CSE

Dr.M.Willjuice Iruthayarajan, Professor & Head / EEE

Dr.B.Sankaragomathi, Professor & Head / E & I

Dr.C.Puthiyasekar, Professor & Head / Civil

Dr.D.Manimegalai, Professor & Head / IT

Dr.M.A.Neelakandan, Professor & Head / Sci. & Hum.

The meeting started with the welcome address by the Chairman of the Standing Committee of the Academic Council. After welcoming the members of the Standing Committee, Dean (Academic) briefed the matter as given below.

NEC, Standing Committee Meet on 18th Aug, 2015

1. Agenda for the meeting

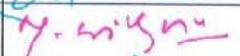
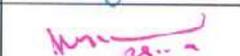
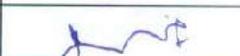
- Introducing Relative grading system under Regulations 2015
- Finalizing UG Regulations 2015
- Finalizing One Credit Non CGPA Courses Under Regulations 2013

2. Significance of relative grading system

- The members had a brainstorming discussion and interaction among them about relative grading system. After fruitful discussion, Committee members recommended the following to the Academic Council for further Ratification.

1. Introduction of relative grading system for the award of letter grades and grade points for both theory and practical courses instead of absolute grading to students admitted under Regulations 2015.
2. Evaluation procedures / criteria for one credit Non-CGPA courses under Regulations 2015 and Regulations 2013 were finalized and approved.

Members Present

1.	Dr.Kn.K.S.K.Choekalingam Director	
2.	Dr.S.Shanmugavel Principal	
3.	Dr.K.Maniselkar Dean (Academic)	
4.	Dr.V.Scenivasagam Controller of Examinations	
5.	Dr.K.Kalidasa murugavel, Professor & Head / Mechanical	
6.	Dr. A. Shenbagavalli, Professor & Head / ECE	
7.	Dr.B.Paramasivan, Professor & Head / CSE	
8.	Dr.K.G.Srinivasagan Professor & Head / CSE(PG)	
8.	Dr.M.Willjuice Iruthayarajan, Professor & Head / EEE	
9.	Dr.B.Sankaragomathi, Professor & Head / E & I	
10.	Dr.C.Puthiyasekar, Professor & Head / Civil	
11.	Dr.M.A.Neelakandan, Professor & Head / Sci. & Hum	
12.	Dr.S.Sankar Ganesh, Asso.Prof(S.G) / IT	

NEC, Standing Committee Meet on 18th Aug, 2015

Dr.K.Manisekar, Dean (Academic) member of the Standing Committee thanked all the members for their kind cooperation and the meeting came to an end.

Dr. Manisekar
26/8/15
CHAIRMAN

J. Manisekar
Manisekar

AMENDMENTS IN REGULATIONS 2011 (6th Academic Council Meeting on 07.05.2016)

UNDER GRADUATE DEGREE PROGRAMMES	
Existing UG Regulations – 2011	Amended UG Regulations – 2011
<p>8.0 SYSTEM OF EXAMINATION</p> <p>8.4 The End Semester Examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner and an internal examiner.</p>	<p>8.0 SYSTEM OF EXAMINATION</p> <p>8.4 The End Semester Examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner and an internal examiner.</p> <p>However, if a student fails to submit the project report on or before the specified deadline and the project work does not meet the requirement, he/she is deemed to have failed in the project work and shall re-enroll for the same in a subsequent semester. If he/she fails in the viva-voce examination of Project work, he/she shall resubmit the project report within 30 days from the date of declaration of the results. For this purpose, the same Internal and External examiner shall evaluate the re-submitted report.</p>
<p>11.0 CLASSIFICATION OF THE DEGREE AWARDED</p> <p>11.1 First class with Distinction:</p> <p>A candidate who qualifies for the award of Bachelors degree having passed all the prescribed examinations in all the courses within NINE semesters (SEVEN semesters for Lateral Entry Candidates) consecutively without break of study, in his / her first appearance itself and securing a CGPA of not less than 8.00 shall be declared to have passed in First Class with distinction.</p>	<p>11.0 CLASSIFICATION OF THE DEGREE AWARDED</p> <p>11.1 First class with Distinction:</p> <p>A candidate who qualifies for the award of Bachelors degree having passed all the prescribed examinations in all the courses within EIGHT semesters (SIX semesters for Lateral Entry Candidates) in his / her first appearance securing a CGPA of not less than 8.00 shall be declared to have passed in First Class with distinction. For this purpose the withdrawal from examination (vide clause 12.4) will not be construed as an appearance. Further, the authorized break of study (vide clause 13) will not be counted for the purpose of classification.</p> <ul style="list-style-type: none"> ▪ Should not have been prevented from writing end semester examination due to lack of attendance / malpractice in any of the semester.

<p>11.2 First Class:</p> <p>A candidate who qualifies for the award of degree having passed the examination in all the subjects within NINE semesters (all the SEVEN semesters for Lateral Entry candidates) consecutively and securing a CGPA of not less than 6.00 shall be declared to have passed in First class.</p>	<p>11.2 First Class:</p> <p>A candidate who qualifies for the award of degree having passed the examination in all the subjects within TEN semesters (EIGHT semesters for Lateral Entry candidates) consecutively and securing a CGPA of not less than 6.00 shall be declared to have passed in First class. For this purpose the authorized break of study (vide clause 13) will not be counted for the purpose of classification.</p>
<p>11.4 – NIL</p>	<p>11.4 A candidate who is absent in semester examination in a course/project work after having registered for the same shall be considered to have appeared in that examination for the purpose of classification. (Subject to clause 13.0 & 15.0)</p>

	<p>3.2 One Credit Non CGPA Courses</p> <p>In addition, the students shall enroll, in any one of the one credit Non CGPA courses in each category listed in annexure-I and earn a minimum of four credits (one from each category) for the award of the degree. The details for assessing these activities are given in Annexure-I.</p> <p>3.3 Each course is normally assigned certain number of credits with 1 credit per lecture period per week, 1 credit per tutorial period per week, 1 credit for 2 periods of laboratory or practical or seminar or project work per week (2 credits for 3 or 4 periods of practical) and 1 credit for 2 weeks, 2 credits for 4 weeks and 3 credits for 6 weeks of industrial training during semester vacations.</p> <p>3.4 Each semester curriculum shall normally have a blend of lecture courses not exceeding 7 and practical courses not exceeding 4. However, the total number of courses per semester shall not exceed 10.</p> <p>3.5 For the award of the degree, a student has to earn certain minimum total number of credits specified in the curriculum of the relevant branch.</p> <p>3.6 The medium of instruction is English for all courses, examinations, seminar presentations and project / thesis / dissertation reports.</p>
<p>8.0 SYSTEM OF EXAMINATION</p> <p>8.9 The student should undergo a self study Trans disciplinary elective of 2 credits in the 8th semester in addition to the other elective. The evaluation will be done based on the case studies presented by the students as decided by the class committee. There shall not be any End Semester Examination for such electives.</p>	<p>8.0 SYSTEM OF EXAMINATION</p> <p>8.9 ASSESSMENT FOR SELF STUDY COURSE</p> <p>For self study Trans disciplinary elective course, a faculty member recommended by the HOD and approved by the Principal shall be responsible for periodic monitoring and evaluation of the course. The course shall be evaluated through Continuous Assessment and End Semester Examination similar to that of a theory course.</p>

AMENDMENTS IN REGULATIONS 2013 (6th Academic Council Meeting on 07.05.2016)

UNDER GRADUATE DEGREE PROGRAMMES	
Existing UG Regulations – 2013	Amended UG Regulations – 2013
<p>8.0 SYSTEM OF EXAMINATION</p> <p>8.4 The End Semester Examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner and an internal examiner.</p>	<p>8.0 SYSTEM OF EXAMINATION</p> <p>8.4 The End Semester Examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner and an internal examiner.</p> <p>However, if a student fails to submit the project report on or before the specified deadline and the project work does not meet the requirement, he/she is deemed to have failed in the project work and shall re-enroll for the same in a subsequent semester. If he/she fails in the viva-voce examination of Project work, he/she shall resubmit the project report within 30 days from the date of declaration of the results. For this purpose, the same Internal and External examiner shall evaluate the re-submitted report.</p>
<p>10.0 ELIGIBILITY FOR THE AWARD OF THE DEGREE</p> <p style="text-align: center;">10.7 - NIL</p>	<p>10.0 ELIGIBILITY FOR THE AWARD OF THE DEGREE</p> <p style="text-align: center;">10.7 Successfully undergone Four Non CGPA courses.</p>
<p>11.0 CLASSIFICATION OF THE DEGREE AWARDED</p> <p>11.1 First class with Distinction:</p> <p>A candidate who qualifies for the award of Bachelors degree having passed all the prescribed examinations in all the courses within NINE semesters (SEVEN semesters for Lateral Entry Candidates) consecutively without break of study, in his / her first appearance itself and securing a CGPA of not less than 8.00 shall declared to have passed in First Class with distinction.</p>	<p>11.0 CLASSIFICATION OF THE DEGREE AWARDED</p> <p>11.1 First class with Distinction:</p> <p>A candidate who qualifies for the award of Bachelors degree having passed all the prescribed examinations in all the courses within EIGHT semesters (SIX semesters for Lateral Entry Candidates) in his / her first appearance securing a CGPA of not less than 8.00 shall declared to have passed in First Class with distinction. For this purpose the withdrawal from examination (vide clause 12.4) will not be construed as an appearance. Further, the authorized break</p>

	<p>of study (vide clause 13) will not be counted for the purpose of classification.</p> <ul style="list-style-type: none"> ▪ Should not have been prevented from writing end semester examination due to lack of attendance / malpractice in any of the semester.
<p>11.2 First Class:</p> <p>A candidate who qualifies for the award of degree having passed the examination in all the subjects within NINE semesters (all the SEVEN semesters for Lateral Entry candidates) consecutively and securing a CGPA of not less than 6.00 shall be declared to have passed in First class.</p>	<p>11.2 First Class:</p> <p>A candidate who qualifies for the award of degree having passed the examination in all the subjects within TEN semesters (EIGHT semesters for Lateral Entry candidates) consecutively and securing a CGPA of not less than 6.00 shall be declared to have passed in First class. For this purpose the authorized break of study (vide clause 13) will not be counted for the purpose of classification.</p>
<p>11.4 – NIL</p>	<p>11.4 A candidate who is absent in semester examination in a course/project work after having registered for the same shall be considered to have appeared in that examination for the purpose of classification. (Subject to clause 13.0 & 15.0)</p>
<p>12.0 PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION</p> <p style="text-align: center;">12.7 – NIL</p>	<p>12.0 PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION</p> <p>12.7 Withdrawal is permitted for the end semester examinations in the final semester, only if, the period of study of the student concerned does not exceed five years as per clause 11.1.</p>

POST GRADUATE DEGREE PROGRAMMES	
Existing PG Regulations – 2013	Amended PG Regulations – 2013
<p>9. PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT</p> <p>9.4 <i>Seminar</i></p> <p>The seminar is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester and for each seminar marks can be equally apportioned. At the end of the semester the marks can be consolidated and taken as the final mark and hence, there is no need for End semester examination for SEMINAR.</p>	<p>9. PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT</p> <p>9.4 Seminar/Research Paper/Patent Review</p> <p>The seminar/case study is to be considered as purely Internal (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars on different topics on research paper/patent in their specialization. Three member committee appointed by Head of the Institution will evaluate the seminar. The evaluation shall be based on the seminar paper (40%), presentation (40%) and response to the questions asked during presentation (20%).</p>

AMENDMENTS IN REGULATIONS 2015 (6th Academic Council Meeting on 07.05.2016)**UNDER GRADUATE DEGREE PROGRAMMES**

Existing UG Regulations – 2015	Amended UG Regulations – 2015
<p>4.0 STRUCTURE OF THE PROGRAMME</p> <p>4.3 Number of Courses per Semester</p> <p>Curriculum of semester (vide Clause 5.2) shall normally have a blend of 3 to 6 theory / integrated courses and laboratory courses not exceeding three. Each course may have credits as per Clause 4.4.</p>	<p>4.0 STRUCTURE OF THE PROGRAMME</p> <p>4.3 Number of Courses per Semester</p> <p>Curriculum of semester (vide Clause 5.2) shall normally have a blend of 2 to 7 theory / integrated courses and laboratory courses not exceeding 5. Each course may have credits as per Clause 4.4.</p>
<p>4.5 Industrial Training/Internship</p> <p>4.5.2 One credit or two credit elective courses in collaboration with the industry/ research organizations/higher learning institutions shall be offered by the department to the students. If more number of one credit courses is offered by any department, three elective courses of 1 credit shall replace a 3 credit elective course. The details for assessing these courses are given in Annexure-III.</p>	<p>4.7 One credit courses</p> <p>One credit elective course shall be offered by the department itself or in collaboration with the industry / research organizations / higher learning institutions. If more number of such one credit courses is offered by any department, three elective courses of 1 credit shall replace a 3 credit elective course.</p>
<p>4.6 Online Courses/Self Study Courses</p> <p>4.6.1 Students may be permitted to earn credit through online courseswith approval of Head of the Department and Dean Academic, the credit may be transferred with the due approval procedures from the Department.</p>	<p>4.6 Online Courses/Self Study Courses</p> <p>4.6.1 Students may be permitted to earn credit through online courseswith approval of Head of the Department and Dean Academic, the credit may be transferred with the due approval procedures from the Performance Analysis Committee.</p>

<p>4.6.2 The student shall study Transdisciplinary courses prescribed in the curriculum through self study mode..... under the guidance of a faculty member nominated by the Head of the Department. No formal lectures need to be delivered. The mode of assessment shall be approved by the Head of the department.</p>	<p>4.6.2 The student shall study Transdisciplinary courses prescribed in the curriculum through self study mode..... under the guidance of a faculty member nominated by the Head of the Department. No formal lectures need to be delivered. The evaluation methodology shall be the same as that of a theory course.</p>
<p>6.0 REGISTRATION</p> <p>6.8 The registration for any course shall be on first come first served basis, provided the student fulfills prerequisites for that course, if any. The number of students to be registered shall be based on the class room and laboratory capacity. Every effort shall be made by the Department/Centre to accommodate as many students as possible.</p>	<p>6.0 REGISTRATION</p> <p>6.8 The registration for any course shall be on first come first served basis, provided the student fulfills prerequisites for that course, if any. Every effort shall be made by the Department / Centre to accommodate as many students as possible.</p>
<p>6.10 Flexibility to Add or Drop Courses</p> <p style="text-align: center;">6.10.4 – N I L</p>	<p>6.10 Flexibility to Add or Drop Courses</p> <p>6.10.4 The student shall register for the Product Development Laboratory in the V / VI semester. The evaluation methodology shall be the same as that of a Project work.</p>
<p>11.0 SYSTEM OF EXAMINATION AND ASSESSMENT PROCEDURE</p> <p>11.3 The End Semester Examination (Theory / Integrated & Practical) of 3 hours duration shall ordinarily be conducted between November and January during the odd semesters and between April and June during the even semesters. Further, in line with Course outcomes (COs), the end semester question pattern shall be of different types as detailed in</p>	<p>11.0 SYSTEM OF EXAMINATION AND ASSESSMENT PROCEDURE</p> <p>11.3 The End Semester Examination (Theory / Integrated & Practical) of 3 hours duration shall ordinarily be conducted between November and January during the odd semesters and between April and June during the even semesters. The end semester question pattern shall mention Blooms Taxonomy levels and pattern type. Further, in line with</p>

Table-8 and it shall be mentioned in the curriculum itself.

TABLE – 8

Question pattern	1 mark	2 marks	4 marks	10 marks	12 marks	16 marks	20 marks	Total
A	-	-	-	-	--	-	1 Qn Compulsory & 4 Qns (either or type)	100
B	-	10	-	-	--	1 Qn Compulsory & 4 Qns (either or type)	--	100
C	10	-	10 out of 12	1 Qn Compulsory & 4 Qns (either or type)	--	--	--	100
D	10	10	5 out of 6	1 Qn Compulsory & 4 Qns (either or type)	--	--	--	100
E	-	10	5 out of 6	-	1 Qn Compulsory & 4 Qns (either or type)	--	--	100

Course outcomes (COs), the end semester question pattern can be of different types as detailed in **Table-8** and it shall be mentioned in the curriculum itself.

TABLE – 8

Question pattern	1 mark	2 marks	4 marks	10 marks	12 marks	16 marks	20 marks	Total
A	--	--	--	--	--	--	1 Qn Compulsory & 4 Qns (either or type)	100
B	--	10	--	--	--	1 Qn Compulsory & 4 Qns (either or type)	--	100
C	10	--	10 out of 12	1 Qn Compulsory & 4 Qns (either or type)	--	--	--	100
D	10	10	5 out of 6	1 Qn Compulsory & 4 Qns (either or type)	--	--	--	100
E	--	10	5 out of 6	--	1 Qn Compulsory & 4 Qns (either or type)	--	--	100
F	--	--	--	--	--	--	5 out of 8	100
G	--	5	--	2 Qns (either or type)	--	--	--	30

11.3.1 – N I L

11.3.1 For one credit courses, the End Semester Examination of 1 hour duration shall be conducted as and when the course is completed (if necessary). Further, the end semester question pattern shall be **G type** as detailed in **Table – 8**.

11.4 Integrated Courses (Theory Courses with Laboratory Component)

The theory and the practical components of the integrated courses shall be evaluated based on the procedure stipulated for those courses by assigning the weightage for each component in accordance with the credit ratio of those components.

11.4 Integrated Courses (Theory Courses with Laboratory Component)

The End Semester Examination for the integrated courses shall be evaluated only based on the theory component. The practical component shall be evaluated as one of the continuous assessments based on the weightage assigned to the practical component in the course outcome.

<p style="text-align: center;">11.9 – N I L</p>	<p>11.9 Scribes may be appointed for conducting examination for a student with disabilities on request to Principal through Head of the department concerned with necessary documents. Based on the request and genuinity the Principal may appoint the scribe for the disabled student as per the norms.</p>
<p style="text-align: center;">11.10 – N I L</p>	<p>11.10 Product Development Laboratory</p> <p>The End Semester Examination for the Product Development Laboratory shall consist of evaluation of the final report submitted by the student or students of the group (of not exceeding 4 students) by the panel of examiners consisting of faculty coordinator, Guide and a common examiner from other programme nominated by the COE.</p>
<p>12.0 PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT</p> <p>12.4 Self Study Open Electives (Trans Disciplinary Elective)</p> <p>The student shall undergo one Open Elective Course (Trans disciplinary elective) from the courses given in curriculum through self study mode / online in any semester during 5th – 8th semesters in addition to the other electives. The continuous assessments will be done based on the case studies presented by the students as decided by the class committee. End Semester Examination will be conducted as per the procedure stipulated for theory courses.</p> <p style="text-align: center;">12.4.1 – N I L</p>	<p>12.0 PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT</p> <p>12.4 Open Elective Courses (Trans Disciplinary / Inter Disciplinary Elective)</p> <p>The student shall undergo one Open Elective Course (Trans disciplinary elective) from the courses given in curriculum through self study mode / online in any semester during 5th – 8th semesters in addition to the other electives. The continuous assessments and End Semester Examination will be conducted as per the procedure stipulated for theory courses.</p> <p>12.4.1 Students shall undergo online courses (which are provided with Certificate) with the approval of Department & Dean (Academic) subject to a maximum of 3 credits. This online course of 3 credits/ three one credit courses can be considered instead of one elective course (Inter disciplinary / Programme Core Elective). The departmental committee constituted by the</p>

	Principal consisting of HOD and two senior faculties will take a decision on the evaluation methodology for the online courses. The committee can decide whether to evaluate the online course through continuous assessment and End semester Examination or only by End semester Examination.												
12.6 Seminar	12.6 Seminar/Research Paper/Patent Review												
<p>12.7 Internship / Industrial Training / Mini Project</p> <p>The Industrial/Practical Training, Internship shall carry 100 marks and shall be evaluated through Internal assessment only. At the end certificate submitted by the students shall be attached to the mark list and sent to the Controller of Examinations.</p>	<p>12.7 Internship / Industrial Training / Mini Project</p> <p>The Industrial/Practical Training, Internship shall carry 100 marks and shall be evaluated through Internal assessment only. At the endcertificate submitted by the students shall be attached to the mark list and sent to the Controller of Examinations. The details for assessing those courses are given in Annexure – III.</p> <p style="text-align: center;"><u>ANNEXURE – III</u></p> <p style="text-align: center;">INDUSTRIAL TRAINING CREDIT: 1</p> <table border="1" data-bbox="1111 946 2098 1469"> <tr> <td data-bbox="1111 946 1167 1102">1.</td> <td data-bbox="1167 946 1536 1102">Pre – requisites / Eligibility Conditions</td> <td data-bbox="1536 946 2098 1102">After completion of the third semester. The student may undergo Industrial training in reputed organization after getting prior permission from HOD</td> </tr> <tr> <td data-bbox="1111 1102 1167 1222">2.</td> <td data-bbox="1167 1102 1536 1222">Detail of Course Content / Syllabus</td> <td data-bbox="1536 1102 2098 1222">Inplant training in any organization like BSNL, TTPS, BHEL, NLC etc related to their programmes</td> </tr> <tr> <td data-bbox="1111 1222 1167 1262">3.</td> <td data-bbox="1167 1222 1536 1262">Duration of the Course</td> <td data-bbox="1536 1222 2098 1262">One to two weeks</td> </tr> <tr> <td data-bbox="1111 1262 1167 1469">4.</td> <td data-bbox="1167 1262 1536 1469">Assessment Procedure</td> <td data-bbox="1536 1262 2098 1469"> 1. Student has to submit a report. 2. Evaluation Committee will be constituted by the respective department HOD to assess the report based on the following </td> </tr> </table>	1.	Pre – requisites / Eligibility Conditions	After completion of the third semester. The student may undergo Industrial training in reputed organization after getting prior permission from HOD	2.	Detail of Course Content / Syllabus	Inplant training in any organization like BSNL, TTPS, BHEL, NLC etc related to their programmes	3.	Duration of the Course	One to two weeks	4.	Assessment Procedure	1. Student has to submit a report. 2. Evaluation Committee will be constituted by the respective department HOD to assess the report based on the following
1.	Pre – requisites / Eligibility Conditions	After completion of the third semester. The student may undergo Industrial training in reputed organization after getting prior permission from HOD											
2.	Detail of Course Content / Syllabus	Inplant training in any organization like BSNL, TTPS, BHEL, NLC etc related to their programmes											
3.	Duration of the Course	One to two weeks											
4.	Assessment Procedure	1. Student has to submit a report. 2. Evaluation Committee will be constituted by the respective department HOD to assess the report based on the following											

MINUTES

		criteria's. <ul style="list-style-type: none"> • Evaluation of report given by the student (40%) • Student's presentation (40%) • Oral Examination (20%)
5.	Criteria for allocation of credit	Satisfactory completion certificate issued by the respective department HOD based on the performance of the student and a certificate from the organization concerned.
6.	In case of failure	-

INTERNSHIP

CREDIT: 1

1.	Pre – requisites / Eligibility Conditions	After completion of the third semester. The student may undergo intensive training after getting prior permission from HOD
2.	Detail of Course Content / Syllabus	Internship Training in R & D organization like CSIR, DRDO, IITs and IISC etc related to their programmes
3.	Duration of the Course	One to two weeks
4.	Assessment Procedure	1. Student has to submit a report for Internship 2. Evaluation Committee will be constituted by the respective department HOD to assess the report based on the following criteria's. <ul style="list-style-type: none"> • Internship Report (40%) • Student's presentation (40%)

		<ul style="list-style-type: none"> • Oral Examination (20%)
	5. Criteria for allocation of credit	Satisfactory completion certificate issued by respective department HOD based on the performance of the student and a certificate obtained from the organization concerned.
	6. In case of failure	-
12.8 – N I L	<p>12.8 One Credit Courses</p> <p>The one credit course shall carry 100 marks (40% of continuous assessment & 60% of End semester Examination) and shall be evaluated through continuous assessment and End Semester Examination. Two continuous assessments shall be conducted during the semester by the department. The continuous assessment shall be evaluated through CO attainment of the student for that course as detailed for the theory courses. The end semester examination shall be conducted for 1 hour duration for 30 marks.</p>	

POST GRADUATE DEGREE PROGRAMMES

Existing PG Regulations – 2015	Amended PG Regulations – 2015
12.0 PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT	12.0 PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT
12.5 Seminar	12.5 Seminar/Research Paper/Patent Review

AMENDMENTS IN REGULATIONS 2015 (6th Academic Council Meeting on 07.05.2016)

UNDER GRADUATE DEGREE PROGRAMMES

Existing UG Regulations – 2015

15.0 AWARD OF LETTER GRADES

15.1 All assessments of a course will be done on absolute mark basis. Each student based on his/her performance will be awarded a final letter grade and grade point, based on the performance of the student relative to others who have registered for that particular course.

i. TABLE – 12

Range of Marks in % (CA+FE)	Letter Grade	Relative Grade Point
$M \geq [(\mu + 1.65\sigma)]$	O	10
$\mu + 1.65\sigma > M \geq \mu + 0.85\sigma$	A ⁺	9
$\mu + 0.85\sigma > M \geq \mu$	A	8
$\mu > M \geq \mu - 0.6\sigma$	B ⁺	7
$\mu - 0.6\sigma > M \geq \mu - 1.8\sigma$	B	6
$M < \mu - 1.8\sigma$ (or) $M < 50$ Whichever is less	RA	0
Shortage of Attendance	SA	0
Absent	AB	0
Withdrawal from examination	W	0

RA - Reappearance in a Course

Amended UG Regulations – 2015

15.0 AWARD OF LETTER GRADES

15.1 All assessments of a course will be done on absolute mark basis. Each student based on his/her performance will be awarded a final letter grade and grade point, based on the performance of the student relative to others who have registered for that particular course. However, if the class strength is greater than 30 then relative grading system is considered.

i. TABLE – 12

Range of Marks in % (CA+FE)	Letter Grade	Relative Grade Point
$M \geq [(\mu + 1.65\sigma)]$	O	10
$\mu + 1.65\sigma > M \geq \mu + 0.85\sigma$	A ⁺	9
$\mu + 0.85\sigma > M \geq \mu$	A	8
$\mu > M \geq \mu - 0.9\sigma$	B ⁺	7
$\mu - 0.9\sigma > M \geq \mu - 1.8\sigma$	B	6
$M < \mu - 1.8\sigma$ (or) $M < 50$ Whichever is less	RA	0
Shortage of Attendance	SA	0
Absent	AB	0
Withdrawal from examination	W	0

RA - Reappearance in a Course

ii. The letter grade and grade point for all the courses other than theory / integrated courses including Laboratory courses, Industrial Training, Internship, In Plant Training, One credit courses, Mini Project and Project work shall be awarded by converting the marks obtained in that course in to a grade based on the guidelines detailed in **Table-13**.

ii. The letter grade and grade point for all the courses other than theory / integrated courses including Elective courses (having strength less than 30) Laboratory courses, Industrial Training, Internship, In Plant Training, One credit courses, Mini Project and Project work shall be awarded by converting the marks obtained in that course in to a grade based on the guidelines detailed in clause 14 (ii) & Table-13.