

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



**THE MINUTES OF THE 7<sup>th</sup> ACADEMIC COUNCIL**

MINUTES OF THE SIXTH ACADEMIC COUNCIL MEETING HELD ON **20.05.2017**  
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
<b>Academic Experts</b>	
Dr.T.V. Geetha	Director/ Academic Courses, Anna University, Chennai–25
Dr.L.Karunamoorthy	Chairman/Faculty of Mechanical Engg., Anna University, Chennai–25
Dr.M.A.Bhagyaveni	Professor / Dept. of ECE, Anna University, Chennai –25
<b>Industrial Experts</b>	
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
<b>University Nominees</b>	
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

<b>Special Invitees</b>	
Dr.Kn.K.S.K.Chockalingam	Director, National Engineering College
Dr.V.Seenivasagam	Controller of Examinations, National Engineering College
<b>Internal Members</b>	
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.B.Paramasivan	Prof. & Head / CSE, National Engineering College
Dr.D.Manimegalai	Prof. & Head / IT, National Engineering College
Dr.K.G.Srinivasagan	Prof. / IT, 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.M.A.Neelakandan	Prof. & Head / S & H, National Engineering College
Dr. S.Rammurthy	Prof. / Mathematics, National Engineering College
Dr.L.Kalaivani	Asso. Prof. / EEE, National Engineering College
Dr.S.Sankar Ganesh	Asso. Prof. / IT, National Engineering College
<b>Students Members</b>	
Mr. J.Nigesh	Third year CSE
Ms. J.Mariesh Preethi	Third year ECE

The University Nominee member **Dr.V.Abhai Kumar**, Principal, Thiagarajar College of Engineering, Madurai, Industrial Expert Members **Dr.V.Veerappan**, Cofounder & President, Tessolve Services Private Limited, Bangalore and **Dr.S.Ganesan**, Additional Director, Combat Vehicles Research and Development Establishment (CVRDE), Avadi, Chennai could not attend the meeting due to their prior commitments and unavoidable circumstances.

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 Syllabi of one credit courses for the UG degree

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 syllabi of one credit courses of 7 UG programmes under Regulation 2015 & Curriculum and syllabi of M.Tech.- IT (Information and Cyber Warfare) programme under Regulation 2015 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.

The following agenda items are considered and approved by the 07<sup>th</sup> Academic Council

**DA 07.01 TO CONFIRM THE MINUTES OF SIXTH ACADEMIC COUNCIL MEETING HELD ON 07<sup>th</sup> MAY 2016**

The minutes of the **Sixth Academic Council meeting** held on **07/05/2016** were communicated to the members vide **Email dated 21/05/2016**. The comments received have been incorporated and placed for confirmation. The same was approved by the council.

- **Minutes of 06<sup>th</sup> Academic Council**
- **Action taken report for minutes of 06<sup>th</sup> Academic Council**

**DA 07.02 TO CONSIDER AND APPROVE THE AMENDMENTS TO CLAUSE 8.5 AND 8.9 OF REGULATIONS 2013 FOR UG DEGREE PROGRAMMES OF NATIONAL ENGINEERING COLLEGE**

**RESOLVED TO APPROVE** the amendments to Clause 8.5 & 8.9 of Regulations 2013 for UG Degree Programmes of National Engineering College

- **AMENDMENTS – UG REGULATIONS 2013**

**DA 07.03 TO CONSIDER AND APPROVE THE AMENDMENTS TO CLAUSE 4.7, 6.10.2, 6.10.5, 7.4, 12.3.3, 14.0, 15.1 and 16.3 OF REGULATIONS 2015 FOR UG DEGREE PROGRAMMES OF NATIONAL ENGINEERING COLLEGE**

**RESOLVED TO APPROVE** the amendments to CLAUSE 4.7, 6.10.2, 6.10.5, 7.4, 12.3.3, 14.0, 15.1 and 16.3 of Regulations 2015 for UG degree programmes of National Engineering College

➤ **AMENDMENTS – UG REGULATIONS 2015**

**BUSINESS BROUGHT FORWARD BY THE BOARD OF STUDIES**

**AGENDA FROM DEPARTMENT OF MECHANICAL ENGINEERING**

**Dr. K. Kalidasa Murugavel, Chairman, Mechanical Engineering** moved the following items based on the decision of the Board of Studies in Mechanical Engineering.

**ME 07.01 TO CONSIDER AND APPROVE** THE SYLLABI OF ONE CREDIT COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015

**RESOLVED TO APPROVE** the Syllabi of one credit courses for the UG Degree Programmes to be offered under R-2015

➤ **B.E. MECHANICAL ENGG. – Syllabi of one credit courses**

**AGENDA FROM DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Dr. A.Shenbagavalli, Chairman, Electronics and Communication Engineering** moved the following items based on the decision of the Board of Studies in Electronics and Communication Engineering.

**EC 07.01 TO CONSIDER AND APPROVE** THE SYLLABI OF ONE CREDIT COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015

**RESOLVED TO APPROVE** the Syllabi of one credit courses for the UG Degree Programmes to be offered under R-2015

➤ [B.E. ECE. – Syllabi of one credit courses](#)

**AGENDA FROM DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Dr. B.Paramasivan, Chairman, Computer Science and Engineering** moved the following items based on the decision of the Board of Studies in Computer Science and Engineering.

**CS 07.01 TO CONSIDER AND APPROVE THE SYLLABI OF ONE CREDIT COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015**

**RESOLVED TO APPROVE** the Syllabi of one credit courses for the UG Degree Programmes to be offered under R-2015

➤ [B.E. CSE. – Syllabi of one credit courses](#)

**AGENDA FROM DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Dr. M.Willjuice Iruthayarajan, Chairman, Electrical and Electronics Engineering** moved the following items based on the decision of the Board of Studies in Electrical and Electronics Engineering.

**EE 07.01 TO CONSIDER AND APPROVE THE SYLLABI OF ONE CREDIT COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015**

**RESOLVED TO APPROVE** the Syllabi of one credit courses for the UG Degree Programmes to be offered under R-2015

➤ [B.E. EEE. – Syllabi of one credit courses](#)

**AGENDA FROM DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING**

**Dr. B.Sankaragomathi, Chairman, Electronics and Instrumentation Engineering** moved the following items based on the decision of the Board of Studies in Electronics and Instrumentation Engineering.

**EI 07.01 TO CONSIDER AND APPROVE THE SYLLABI OF ONE CREDIT COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015**

**RESOLVED TO APPROVE** the Syllabi of one credit courses for the UG Degree Programmes to be offered under R-2015

➤ [B.E. EIE. – Syllabi of one credit courses](#)

#### **AGENDA FROM DEPARTMENT OF CIVIL ENGINEERING**

**Dr. C.Puthiyasekar, Chairman, Civil Engineering** moved the following items based on the decision of the Board of Studies in Civil Engineering.

**CE 07.01 TO CONSIDER AND APPROVE THE SYLLABI OF ONE CREDIT COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015**

**RESOLVED TO APPROVE** the Syllabi of one credit courses for the UG Degree Programmes to be offered under R-2015

➤ [B.E. CIVIL ENGG. – Syllabi of one credit courses](#)

#### **AGENDA FROM DEPARTMENT OF INFORMATION TECHNOLOGY**

**Dr. D.Manimegalai, Chairman, Information Technology** moved the following items based on the decision of the Board of Studies in Information Technology.

**IT 07.01 TO CONSIDER AND APPROVE THE SYLLABI OF ONE CREDIT COURSES FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015**

**RESOLVED TO APPROVE** the Syllabi of one credit courses for the UG Degree Programmes to be offered under R-2015

➤ [B.Tech. IT – Syllabi of one credit courses](#)

**IT 07.02 TO CONSIDER AND APPROVE THE CURRICULUM AND SYLLABI OF PG PROGRAMME [M.TECH.] INFORMATION AND CYBER WARFARE TO BE OFFERED UNDER R-2015**

**RESOLVED TO APPROVE** the Curriculum and Syllabi of PG programme [M.Tech.] Information and Cyber Warfare to be offered under R-2015

➤ [M.Tech. IT – Curriculum & Syllabi](#)

### **AGENDA FROM DEPARTMENT OF SCIENCE AND HUMANITIES**

**Dr.M.A.Neelakantan, Chairman, Science & Humanities** moved the following items based on the decision of the Board of Studies in Science & Humanities.

**SH 07.01 TO CONSIDER AND APPROVE THE INTRODUCTION OF 15TD17E-MICRO FINANCE AND PATENT LAWS AS TRANS DISCIPLINARY ELECTIVE COURSE FOR THE UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2015**

**RESOLVED TO APPROVE** the introduction of **15TD17E-MICRO FINANCE AND PATENT LAWS** as trans disciplinary elective course for the UG degree programmes to be offered under R-2015

➤ [Trans disciplinary Elective Course – Syllabus](#)

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

**Other Points discussed by the Academic Council**





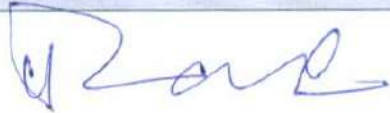





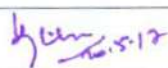

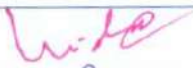
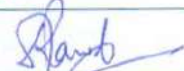
1. It is suggested to constitute a question paper scrutinizing board.
2. It is suggested to implement the revised passing requirements in Regulation 2015 from the Academic year 2017-18 onwards if possible it may be extended to current batch.
3. For one credit courses, it is suggested to conduct classes with a maximum of 3 hours per day.
4. For the evaluation of one credit courses conducted by the industrial expert, a committee consisting of the Head of the department, subject expert and industrial persons handling the course may be constituted.
5. Number of one credit courses may be restricted to less than 10.
6. It is suggested to include more number of one credit practical courses rather than theory courses.
7. A common method may be evolved for coding one credit courses ie. to indicate number of practical hours, lecture and tutorial hours.
8. Trans disciplinary elective course 15TD17E-Microfinance and Patent Laws may be split into two courses.
9. M.Tech. (IT) curriculum and syllabus may be restructured.
10. Gamification can be added as one of the assessment procedure.
11. Elective courses should not be split into one credit courses.



7<sup>th</sup> ACADEMIC COUNCIL on 20<sup>th</sup> May 2017

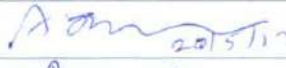





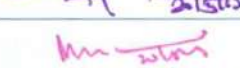



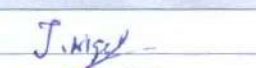
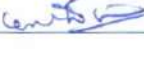

MINUTES

**Members Present**

Dr.S.Shanmugavel Academic Council Chairman National Engineering College	 20/5/17
<b>Academic Experts</b>	
Dr.T.V. Geetha Director/ Academic Courses Anna University, Chennai - 25	 20/5/17
Dr.L.Karunamoorthy Chairman / Faculty of Mechanical Engineering Anna University, Chennai - 25	 20/5/17.
Dr.M.A.Bhagyaveni Professor / Dept. of Electronics and Communication Engineering Anna University, Chennai - 25	 20/5/17
<b>Industrial Experts</b>	
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	
<b>University Nominees</b>	
Dr. Indra Getzy David <del>Asso.</del> Prof. & Head / Department of Electrical and Electronics Engineering Government College of Engineering Tirunelveli - 07	 20/5/17.
Dr.N.G.Ramesh Babu Prof. & Head / Bio-Technology Adhiyamaan College of Engineering Hosur - 09	 N. G. Ramesh Babu
<b>Special Invitees</b>	
Dr.Kn.K.S.K.Chockalingam Director	 20.5.17
Dr.V.Seenivasagam Controller of Examinations	 20.5.17
<b>Internal Members</b>	
Dr.K.Manisekar Prof. & Dean (Academic)	 h.u-22
Dr.K.Kalidasa Murugavel Prof. & Head / Mechanical	
Dr.D.Ravindran Prof. / Mechanical	

7<sup>th</sup> ACADEMIC COUNCIL on 20<sup>th</sup> May 2017

MINUTES

Dr.A.Shenbagavalli Prof. & Head / ECE	 20/5/17
Dr.B.Paramasivan Prof. & Head / CSE	 20/5/17
Dr.D.Manimegalai Prof. & Head / IT	 20/5/17
Dr.K.G.Srinivasagan Prof. / IT	 20/5/17
Dr.M.Willjuice Iruthayarajan Prof. & Head / EEE	 20/5/17
Dr.B.Sankaragomathi Prof. & Head / EIE	 20/5/17
Dr.C.Puthiyasekar Prof. & Head / Civil	 20/5/17
Dr.M.A.Neelakandan Prof. & Head / S & H	 20/5/17
Dr. S.Rammurthy Prof. / Mathematics	 20/5/17
Dr.L.Kalaivani Asso. Prof. / EEE	 20/5/17
Dr.S.Sankar Ganesh Asso. Prof. / IT	 20/5/17
<b>Student Members</b>	
Mr. J.Nigesh, Third year CSE	 20/5/17
Ms. J.Mariesh Preethi, Third year ECE	 20/5/17

 20/5/17  
CHAIRMAN  
ACADEMIC COUNCIL

## Actions Taken Report on Minutes of 6<sup>th</sup> Academic Council Meeting

S. No.	Suggestions given by Expert members	Action Taken
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.	In Regulation 2011 & 2013, Clause 8.4 is modified as  “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.”
2.	In Regulation 2013, in Clause 9.4 for awarding internal marks, the student is to be advised to present 2 seminars on two different topics on research papers/patent reviews.	In Regulation 2013, Clause 9.4 is modified as “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 <b>different topics</b> on research paper/patent in their specialization.”
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	In Regulation 2015, as per suggestion in the  i. Clause 4.5.2 separate heading is given for the definitions of one credit courses (Ref: Clause 4.7)  ii. Clause 6.0, the constraint is removed.  iii. Clause 11.3, the Blooms Taxonomy level is not mentioned. However, the blooms taxonomy level is indicated in the syllabus

S. No.	Suggestions given by Expert members	Action Taken
	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.	itself. iv. Clause 11.3.1, the evaluation procedure for the one credit courses is included.
4.	One or two integrated courses may be included in each semester.	One credit courses were included in the curriculum of all the programmes.
5.	Number of theory courses and laboratory courses can be uniform for all the departments.	Number of theory courses and laboratory courses are almost kept equal.
6.	Micro Finance and Patent Laws may be included as Trans disciplinary courses.	A trans disciplinary elective course on <b>15TD17E - Micro Finance and Patent Laws</b> is to be introduced from fourth coming semester onwards under R-2015
7.	In EEE curriculum, a course on Smart Grid may be included.	A course has been included in B.E. – EEE curriculum – <b>15EE71C</b> with the title of <b>SMART GRID</b>
8.	It is suggested to include student members in the Academic Council & Board of Studies from the forthcoming Academic year onwards.	Student members are included in Board of Studies & Academic Council from the Academic year 2016-17 onwards.
9.	Question papers monitoring board may be formed to monitor the question paper quality.	From next academic year onwards, it is proposed to prepare a question bank for each course in a programme. From this question bank, questions will be generated randomly for End semester examination. Hence, it is most appropriate to constitute a question bank monitoring board in the forth coming academic year.
10.	Separate practical courses may be provided for Electronics – I in 3 <sup>rd</sup> semester & Electronics – II in 4 <sup>th</sup> semester in ECE Curriculum.	Separate practical courses 15EC39C - Electronic Circuits Laboratory in 3 <sup>rd</sup> semester and 15EC48C - Electronic Circuits and Simulation Laboratory in 4 <sup>th</sup> semester have been introduced in B.E. – ECE Curriculum.

S. No.	Suggestions given by Expert members	Action Taken
11.	Credit for Digital Electronics in 3 <sup>rd</sup> semester may be reduced to 3 instead of 4. In Electronic Circuits – I, the credit may be increased to 4 by introducing few practical exercises for ECE.	Credit for 15EC33C - Digital Electronics in 3 <sup>rd</sup> semester was reduced to 3 from 4 and a practical course on Electronic circuit – I was introduced as suggested by the Academic council members.

## AMENDMENTS IN REGULATIONS 2013 (7<sup>th</sup> Academic Council Meeting on 20.05.2017)

UNDER GRADUATE DEGREE PROGRAMMES	
Existing UG Regulations – 2013	Amended UG Regulations – 2013
<p><b>8.0 SYSTEM OF EXAMINATION</b></p> <p>8.5 The End Semester Examinations of practical courses including project work shall be evaluated by both Internal and External examiners.</p>	<p><b>8.0 SYSTEM OF EXAMINATION</b></p> <p>8.5 The practical courses shall be evaluated by <b>Internal Examiners</b> and the project work shall be evaluated by a committee consisting of the <b>External examiner, Internal examiner and Guide</b> in the End Semester Examination</p>
<p><b>8.9 Assessment for Self Study Course</b></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>	<p><b>8.9 Assessment for Self Study Course</b></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. <b>However, the question paper pattern shall be 5 out of 8 each carrying 20 marks.</b></p>

## AMENDMENTS IN REGULATIONS 2015 (7<sup>th</sup> Academic Council Meeting on 20.05.2017)

### UNDER GRADUATE DEGREE PROGRAMMES

Existing UG Regulations – 2015	Amended UG Regulations – 2015																								
<p><b>4.0 STRUCTURE OF THE PROGRAMME</b></p> <p><b>4.7 One credit courses</b> 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><b>4.0 STRUCTURE OF THE PROGRAMME</b></p> <p><b>4.7 One credit courses</b> 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 are offered by any department, three elective courses of 1 credit shall replace a 3 credit elective course <b>as given below.</b></p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2">Number of one credits earned</th> <th colspan="2">Eligible to replace</th> </tr> <tr> <th>Core electives</th> <th>Interdisciplinary electives</th> <th>PEC</th> <th>OEC</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>0</td> <td>1</td> <td>-</td> </tr> <tr> <td>2</td> <td>1</td> <td>1</td> <td>-</td> </tr> <tr> <td>1</td> <td>2</td> <td>-</td> <td>1</td> </tr> <tr> <td>0</td> <td>3</td> <td>-</td> <td>1</td> </tr> </tbody> </table>	Number of one credits earned		Eligible to replace		Core electives	Interdisciplinary electives	PEC	OEC	3	0	1	-	2	1	1	-	1	2	-	1	0	3	-	1
Number of one credits earned		Eligible to replace																							
Core electives	Interdisciplinary electives	PEC	OEC																						
3	0	1	-																						
2	1	1	-																						
1	2	-	1																						
0	3	-	1																						
<p><b>6.10 Flexibility to Add or Drop Courses</b></p> <p><b>6.10.2</b> From the third to eighth semester, the student has the option of registering for additional courses or dropping existing courses. Total number of credits of such courses cannot exceed 6. However, the student shall register for a minimum of 16 credits and a maximum of 26 credits in a semester.</p> <p><b>6.10.5 NIL</b></p>	<p><b>6.10 Flexibility to Add or Drop Courses</b></p> <p><b>6.10.2</b> From the third to eighth semester, the student has the option of registering for additional courses or dropping existing courses. Total number of credits of such courses cannot exceed 6. However, the student shall register for a minimum of 16 credits and a <b>maximum of 30 credits in a semester.</b></p> <p><b>6.10.5 A student can earn maximum of 2 one credit courses per semester.</b></p>																								

## UNDER GRADUATE DEGREE PROGRAMMES

Existing UG Regulations – 2015	Amended UG Regulations – 2015
<p><b>7.0 REQUIREMENTS FOR APPEARING FOR THE END SEMESTER EXAMINATION OF A COURSE</b></p> <p><b>7.4</b> Those students who have not satisfied the conditions specified in <b>clauses 7.1 - 7.2</b> and who secure <b>less than 65%</b> attendance in a course will not be permitted to write the End Semester Examination of that course. The student has to register and repeat this course in a subsequent semester when it is offered next (as per <b>clause 6.3</b>).</p>	<p><b>7.0 REQUIREMENTS FOR APPEARING FOR THE END SEMESTER EXAMINATION OF A COURSE</b></p> <p><b>7.4</b> Those students who have not satisfied the conditions specified in <b>clauses 7.1 - 7.2</b> and who secure <b>less than 65%</b> attendance in a course will not be permitted to write the End Semester Examination of that course. The student has to register and repeat this course in a subsequent semester when it is offered <b>subject to the provisions under clause 6.10.2</b></p>
<p><b>12.0 PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT</b></p> <p><b>12.3.3</b> The End semester examination of the project work will be based on the evaluation of the project report submitted by the student(s) followed by a Viva-Voce Examination by a team consisting of a common internal examiner (other than the guide), External Examiner and Guide. The common internal examiner and the external examiner shall be appointed by the Controller of Examinations for evaluation from the panel of examiners submitted by the Head of the Department concerned.</p>	<p><b>12.0 PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT</b></p> <p><b>12.3.3</b> The End semester examination of the project work will be based on the evaluation of the project report submitted by the student(s) followed by a Viva-Voce Examination by a team consisting of a common internal examiner (other than the guide), External Examiner and Guide. The common internal examiner and the external examiner shall be appointed by the Controller of Examinations for evaluation from the panel of examiners submitted by the Head of the Department concerned <b>with the approval of the Board of Studies.</b></p>
<p><b>14.0 PASSING REQUIREMENTS</b></p> <p><b>i.</b> A student shall be deemed to have passed a theory course, if the total marks secured by him/her (CA+ESE put together) is at least (<math>\mu - 1.8 \sigma</math>) or 50%, whichever is lower, where <math>\mu</math> is the average mark of the students registered for the course and <math>\sigma</math> is the corresponding standard deviation. However, the student has to secure a minimum of 60% of (<math>\mu - 1.8 \sigma</math>) in the End Semester Examination (ESE).</p>	<p><b>14.0 PASSING REQUIREMENTS</b></p> <p><b>i.</b> A student shall be deemed to have passed a theory course, if the total marks secured by him/her (CA+ESE put together) is at least (<math>\mu - 1.8 \sigma</math>) or 50%, whichever is lower, where <math>\mu</math> is the average mark of the students registered for the course and <math>\sigma</math> is the corresponding standard deviation. However, the <b>student has to secure a minimum of 60% of <math>\mu</math> in the End Semester Examination (ESE).</b></p>



## 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. However, if the class strength is greater than 30 then relative grading system is considered.

### 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 **if the class strength is greater than or equal to 30. However, if the class strength is less than 30, then the grading system shown in table – 13 of clause 15.1 (ii) will be followed.**

**TABLE – 13**

Range of Marks in %	Letter Grade	Relative Grade Point
$M > (X - k)$	O	10
$(X - k) \geq M > (X - 2k)$	A <sup>+</sup>	9
$(X - 2k) \geq M > (X - 3k)$	A	8
$(X - 3k) \geq M > (X - 4k)$	B <sup>+</sup>	7
$(X - 4k) \geq M \geq (X - 5k)$	B	6
$M < 50$	RA	0
Shortage of Attendance	SA	0
Absent	AB	0
Withdrawal from examination	W	0

RA - Reappearance in a Course

**UNDER GRADUATE DEGREE PROGRAMMES**

<b>Existing UG Regulations – 2015</b>	<b>Amended UG Regulations – 2015</b>
<b>16.0 REVALUATION AND REVIEW</b>  <b>16.3 NIL</b>	<b>16.0 REVALUATION AND REVIEW</b>  <b>16.3 Examination Reforms for Transparency</b>  Before the publication of End Semester results, the students are allowed to verify the answer script of a subject which is randomly selected by the Performance Analysis Committee. Consequently, the application for revaluation of the answer scripts for those subjects are not permitted.