

# C.S.J.M. UNIVERSITY, KANPUR

## ODINANCE

### Integrated M.Sc. (Electronics)

#### 1.1 Preamble:

The degree of Integrated M.Sc. (Electronics) shall be pursued in the Department of Electronics & Communication Engineering, UIET, CSJM University, Kanpur and would be come under Faculty of Science. The Integrated M.Sc. (Electronics) is a Four Year (Eight Semester) program, which aims to prepare post-graduates in the field of Electronics to have profound skills in the field of Electronics and orient them towards research and application of concepts.

#### 1.2 Objective:

The main objective of Integrated M.Sc. (Electronics) course is to enhance the skills of electronic engineering enthusiasts in various thrust areas of the field and provide them with the perfect amalgamation of theory as well as practical knowledge. Since it is a course at post-graduation level, it provides them with an advanced level of learning and understanding on the subject. Candidates pursuing this course will be provided with an opportunity to develop core competence in the field of Electronics science. Upon successful completion of the course, one can find lucrative career opportunities in Software and Computer Hardware related industry.

#### 2. Admission

2.1 Admission to Integrated M.Sc. (Electronics), 1<sup>st</sup> semester will be made as per rules prescribed by the C.S.J.M. University Kanpur

2.2 For NRI candidates seeking to M.Sc. course there will be no written test. Admission will be given on the basis of academic index as per university rules.

2.3 Reservation will be applicable as per rules of state government.

#### 3. Eligibility for admission:

3.1 For Admission to Integrated M.Sc. (Electronics) 1<sup>st</sup> semester, a candidate should have passed intermediate (10+2) with physics and Maths as one of the subject with minimum of 50% marks. 5% marks relaxation will be given to the SC/ ST candidates.

#### 3.2 Direct admission on vacant seats at institute /college level:

The eligibility criteria for direct admission on seats remaining vacant after entrance examination counselling shall be such as notified by university from time to time.

#### 4. Attendance

4.1 Every student will have to fulfil the condition of 75% attendance in all the lectures, tutorials, practical and other prescribed curricular and co-curricular activities. The attendance can be condoned up to 50% on medical grounds or for genuine reason beyond the control of students by vice chancellor on the recommendation of department. The attendance shall be counted from the date of registration in the college.

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## 5. Duration of course:

Total duration of the M.sc. course shall be 4 years comprising eight semesters. The maximum time allowed for completing the Integrated M.Sc. (Electronics) Course shall be seven years, failing which he/she shall not be allowed to continue for his/her M.Sc. Degree.

## 6. Curriculum:

6.1 The 4 year curriculum has been divided into 8 semesters. Each Semester will include lectures, tutorials, practical, seminar as defined in the semester of instructions and examination issued by the university from time to time

6.2 The curriculum will also include such other curricular, co-curricular and extra-curricular activities as prescribed by the university from time to time.

## 7. Cancellation of admission:

The admission of a student at any stage of study shall be cancelled if:

- (i) He /she is not found qualified as per AICTE/state government norms and guideline or the eligibility criteria prescribed by the university
- (ii) He/she is found unable to complete the course within the stipulated time as prescribed in clause 5.

8. English shall be the medium of instruction and in the university examination.

9. Ordinarily 50% paper setters/examination shall be internal and 50% external.

10. The classes for M.Sc. course shall be run in the CSJM University, Kanpur under the control of the head/director of department of Electronics and Communication Engg.

11. There shall be examination in each semester as per the schemes of examination and the student shall be required to appear in every subject as specified in the course structure for each semester.

12. There is no provision for private candidate for M.Sc. course.

13. No student will be permitted to pursue any other course of study or take up an employment during the tenure of this programme.

14. The faculty for M.Sc. will be partly internal and partly external (guest lecturer). Guest lecturer/speaker from other universities/institution will be paid T.A and D.A also as per university rules.

## 15. Examination:

15.1 The performance of a student in a semester shall be evaluated through continuous assessment and end semester examination. The marks for continuous assessment (internal assessment marks) shall be awarded at the end of the semester. The continuous assessment shall be based on the class tests, assignment/tutorials, quizzes/viva-voce, general behaviour and regularity in attendance. The end semester examination shall be conducted by means of written papers, practicals and viva-voce.

15.2 The examination for the back papers of first and second semester will be held along with third and fourth semester. The examination for back papers of third and fourth semester will be held along with 5<sup>th</sup> and 6<sup>th</sup> semesters. The examination for back papers of 5<sup>th</sup> and 6<sup>th</sup> semester will be held along with VII and VIII End Semester Examination of Integrated M.Sc. (Electronics).

15.3 Special back paper will be held for 7<sup>th</sup> and 8<sup>th</sup> semester.

15.4 The end semester examination of compulsory/elective paper shall be of three hour duration. The maximum marks allotted for each paper shall be as following:

(i) End semester examination	70 marks
(ii) Internal assessment	30 marks
<b>Total</b>	<b>100 marks</b>



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Integrated M.Sc. (Electronics) First Year	
Semester I	600 marks
Semester II	600 marks
Integrated M.Sc. (Electronics) Second Year	
Semester III	650 marks
Semester IV	550 marks
Integrated M.Sc. (Electronics) Third Year	
Semester V	650 marks
Semester VI	550 marks
Integrated M.Sc. (Electronics) Fourth Year	
Semester VII	600 marks
Semester VIII	600 marks
<b>Total</b>	<b>4800 Marks</b>

15.5 The distribution of marks for internal assessment shall be as follow:

(i) Written test (Mid-term test)	15 marks
(ii) Class test/quizzes/assignments	10 marks
(iii) General behaviour attendance	05 marks
<b>Total</b>	<b>30 marks</b>

15.6 One external examiner and one internal examiner will conduct practical jointly. Ordinarily the internal examiner will be supervisor of that practical/theory paper.

15.7 The distribution of marks for practical shall be as follow:

(i) External	35 marks
(ii) Internal	15 marks
<b>Total</b>	<b>30 marks</b>

15.8 There is a summer training / Technical workshop of minimum 3 weeks in I year, II year and minimum of 6 weeks in III year during summer vacation.

Project will compulsory for all students. It is divided in two parts i.e. minor and major project in VII and VIII semester respectively. One external examiner and one internal will conduct project viva jointly. The head/director shall have right to co-opt a faculty member to assist the panel in the conduct of the project presentation/viva-voce examination.

15.9 After the examination of the VI semester and before commencement of the VII semester, every student shall have to undertake industrial/summer training work for a minimum period of six to eight weeks and submit two copies of report for evaluation at least two weeks before the semester examination.

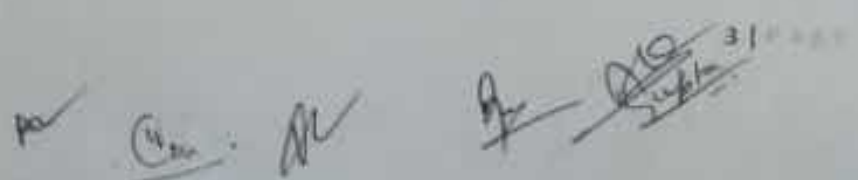
15.10 The marks of project/seminar training shall be awarded on the following basis:

(i) Write up / report	50%
(ii) Presentation	50%

15.11 The minimum pass marks in each theory subject (Including internal assessment marks) shall be 40%.

15.12 The minimum pass marks in a practical/seminar/project/practical training subject shall be 50%.

15.13 A candidate, in order to pass, must secure 50% marks in the aggregate of a particular academic year including that he/she must secure 50% marks in the aggregate in each semesters of that academics year.



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## 16. Promotion and carryover:

16.1 A candidate satisfying all the requirements under clause 15 shall be promoted to next academic year of study.

16.2 (a) A candidate shall be eligible for provisional promotion with carry over to the next academic year of study provided, he/she fails to satisfy the requirements of clause 15.11 and 15.12 in not more than 04(four) theory papers and 01(one) practical's papers on the basis of combined result of both semester examinations of a practical academic year. A candidate who satisfies the requirement will be required to appear in that theory papers/practical's in which he/she failed in subsequent examination of the same semester.

(b) If a candidate satisfies the requirement of clauses 15.11 and 15.12 but fails to satisfy the requirement of clause 15.13 but secure greater than 40% aggregate in any of the condition of clause 15.13, he/she shall be eligible for provisional promotion with carry over. He/she may choose up to a maximum of any four theory papers of that particular academic year as per his/her choice to pass the examination of that year. He/she shall inform the college about his/her choice within 15 days after the start of new session.

16.3 In any semester of particular year, a student will allowed to register two-carryover theory papers and one practical exam.

16.4 A candidate shall not be promoted to third year unless he/she passes all the examinations of first year similarly a candidate shall not be promoted to fourth year unless he/she passes all the examinations of second year. A candidate will allowed appearing in back paper of any subject once only.

16.5 All other candidates who do not satisfy the conditions laid down in clause 15 shall be declared fail and shall be required to repeat the whole academic year after taking re-admission or opting for ex-studentship. This facility is however, subject to the time limit stipulated in clause 4.

16.6 A candidate who gets carry over facility in any year and is allowed to reappear in the next examination of that semester by paying the prescribed examination fee.

## 17 EX-studentship:

17.1 A candidate opting for ex-studentship shall be required to appear in all the theory & practical subjects in the end semester. However, the marks pertaining to internal assessment, industrial training, and seminar shall remain the same as those secured earlier.

17.2 A candidate opting for ex-studentship shall be required to apply to the college by paying only examination fee within 15 days from the start of new session.

## 18. Re-admission in the institution:

A candidate may be allowed for re-admission provided he/she satisfies one of the following condition:

18.1 A candidate is declared fail.

18.2 A candidate did not appear in a semester examination and or he/she was granted permission for not to appear in the examination.

18.3 A candidate has been detained by the institute and has also been permitted to take re admission.

18.4 A candidate as an ex-student passed the examination of the academic year or qualified for carryover system.

18.5 A candidate promoted with carry over subjects and he/she opted for re-admission.

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## 19. RESULTS:

The result of a candidate shall be declared on the basis of both semester of the same academic year. Result of the final year shall be declared on the basis of working out grand total by adding marks of all the years of study in the following ways:

I year	100% of aggregate marks
II year	100% of aggregate marks
III year	100% of aggregate marks
IV year	100% of aggregate marks

## 20. AWARD OF DIVISION:

20.1 The division shall be awarded on the basis of final year result.

20.2 there will be no pass or third division.

20.3 If a candidate passes all examination and secures 50% or more marks but less than 60% marks of the grand total, he/she shall be placed in SECOND DIVISION.


20.4 If a candidate passes all examination and secures 60% or more marks of the grand total, he/she shall be placed in FIRST DIVISION.

20.5 If a candidate passes all examination in first attempt and secures 75% or more marks, he/she shall be placed in FIRST DIVISION WITH HONOURS and the candidate at first two top positions amongst first division with honours only will be awarded medals viz. Gold and silver respectively in order of merit as decided by university time to time.

## 21. Unfair means:


Case of unfair means shall be dealt as per the rules of the University.

22. The Academic Council shall have the authority power to relax any provision provided in the ordinance in any specific matter/situation subject to the approval of Executive Council of the University & such decision(s) shall be reported to the Chancellor of the University.

  
Dr. Ashutosh Singh  
(Member of BOS)

  
Dr. Vishal Awasthi  
(Member of BOS)

  
Dr. Ajay Tiwari  
(Member of BOS)

  
Er. Ajeeb Kr. Srivastava  
(Member of BOS)

  
Er. Anand Kr. Gupta  
(Convener)