

**Institute of Industrial Electronics Engineering (PCSIR)**, Karachi is affiliated with NED – UET Karachi, hence all rules and regulations are strictly implemented with full spirit as and when communicated to IIEE. With reference to NED-UET Karachi letter No. **Acad/27(191)/122362-1 Dated: 16-12-2024**, following are the key points of regulations, which are reproduced with item numbers as under;

## **1. TITLE**

These Regulations may be called the NED University of Engineering and Technology Regulations for the Semester System of Admission, Studies and Examinations leading to the Degrees of Bachelor of Engineering / Bachelor of Science /Bachelor of Architecture of this University.

## **2. APPLICABILITY**

These regulations shall be applicable with immediate effect **superseding all previous Regulations.**

### **3.3.1. EQUIVALENCE OF FOREIGN EXAMINATIONS**

An applicant who has passed Cambridge/London/Oxford General Certificate of Examination of Advanced Level or any two-year Pre-University Examination at 11<sup>th</sup> and 12<sup>th</sup> grades or 12<sup>th</sup> and 13<sup>th</sup>/OAC Grades (or similar Examinations) shall be required to submit Equivalence Certificate issued by Inter-Board Committee of Chairmen (IBCC) along with his/her Application Form for admission.

## **4. GENERAL SCHEME OF STUDIES AND EXAMINATIONS:**

- 4.1 Each academic year / year of study shall begin from day of commencement of Fall Semester and shall terminate on last day of declaration of results of the Spring Semester Examinations.
- 4.2 Year of study For Four-year Degree Programme shall be First Year, Second year, Third year and Final year.
- 4.3 a). The courses for each Fall Semester and Spring Semester along with their respective credit hours for Theory and Practical shall be as notified in relevant prospectus.  
b) Each credit hour for theory and practical class shall be equivalent to one and three contact hours respectively.
- 4.4 Each Fall Semester and Spring Semester shall comprise of minimum 15 weeks of instructions / study in the courses (as notified) followed by Semester Final Examination.
- 4.5 a). Summer Session, after Spring Semester, comprising of minimum five (5) weeks of condensed instructions / study may be arranged in some courses to the extent possible followed by final examination of the Summer Session.  
b). The Dean (ECE) concerned shall approve any course(s) to be offered in the Summer Session after considering resources, teachers available and number of students interested to register in these course(s).
- 4.6 The medium of instructions and examinations shall in all cases be English.

## **5. COURSES OF STUDIES:**

- 5.1 The courses of studies leading to the Bachelor's degree are devoted to courses appropriate to the respective degree in Engineering.

- 5.2 For each discipline, the concerned Board of Studies shall propose Scheme of Studies leading to Bachelor Degree in that discipline.
- 5.3 Each Scheme of Studies shall comprise the following:-
- a). Courses of Studies offered in any particular Fall Semester/Spring Semester shall in each case be listed together with their respective codes, titles, credit hours and marks distribution.
  - b). Course outlines for each such course in which instructions/study of theory is required.
- 5.4 The scheme of studies shall be submitted to the concerned Board of Faculty for consideration and making necessary recommendations to the Academic Council.
- 5.5 The academic council may approve the Scheme with or without minor changes / amendments. Otherwise the concerned Board of studies may be advised to make changes accordingly and then resubmit the scheme.
- 5.6 The scheme of studies may also be reviewed from time to time. Changes / amendments being made in the prospectus or notified otherwise by the University.

## **6. DURATION OF PROGRAMME:**

- 6.1 Courses of studies leading to the degree of Bachelor of Engineering shall be of four (04) academic year's duration.
- 6.3 Any student who fails to complete all requirements for his/her degree in the prescribed time may continue study for further three academic years. Consequently, including the academic year of his/her first admission;
- a). Maximum Seven academic years shall be allowed for B.E (I.E) Degree Programme.
  - b). Any student admitted in Second Year on migration basis shall have one year reduced from maximum allowable period.

## **7. EXAMINATIONS:**

- 7.1 There shall be one 'Final Examination' at the end of each Semester/Session according to schedule to be notified by the Examination Department.
- 7.2 The final examination Fall Semester / Spring Semester shall each include courses offered during that Semester.
- 7.3 The final examination of Summer Session shall include courses offered during the Summer session.
- 7.4 Each candidate of First Year Fall Semester Examination shall have to submit an examination form within the due date which shall be notified by the Examination Department.
- 7.5 Any candidate who has been student during the Semester
- a) Will be allowed to appear only in such course(s) in which his/her attendance is at least **75%** during the Semester.
  - b) Will be allowed to appear in all **such** courses of the Semester **with having at least 65% attendance** provided his/her aggregate attendance in all **such** courses is at least 75% of the total of all classes held in the courses during the Semester.
  - c) and his/her aggregate of attendance is **65%** or more but less than 75% then aggregate attendance may be condoned allowing him/her to appear in all courses of the Semester on case-to-case basis provided that the candidate requests condonation and produces documentary evidence justifying

his/her shortage of attendance, on such grounds as for example having officially represented the University in games and/or hospitalization for sufficiently long period in any recognized hospital.

- d) and his/her aggregate of attendance is less than 65% then condonation in any course(s) may be considered provided the candidate requests and produces documentary evidence justifying his/her shortage of attendance.

7.6 Any candidate who had failed in any course(s) of the preceding Semester(s)/Session shall be allowed to register in such course(s) whenever offered, provided duration of studies does not exceed the maximum time limit prescribed under Para 6.3.

7.7 a) Admit Card for the examination shall be issued to any candidate who is eligible/allowed to appear in the course(s) as mentioned on his/her Card. All admit cards shall be issued by the Controller of Examination except those for which the Controller of Examination authorizes concerned chairpersons.

- b) The Admit card must be in possession of the candidate while appearing in the examination for any course for which he/she has been allowed.

7.8 Distribution of marks from total marks assigned to any course shall be as under:

Each Theory paper, design course and Final Year Project shall have **60% marks for final examination** and **40% marks for sessional evaluation**. However, Practical shall have **40% marks for final examination** and **60% marks for sessional evaluation**.

**Note:** The sessional evaluation marks shall be displayed on the Notice Board of the Department concerned for at least one week for information of concerned students, and corrections, if necessary, before submission to the Examination Department.

7.9 a) Examination in each course of theory, practical, design (studio work) and final year project shall be numerical (marks) in nature, but final result of the course shall be declared in Letter Grade together with Grade point, as prescribed in Para 7.10.

- b) For awards of grades, theory and practical examination of each subject shall be considered as one head.

7.10 Grade / Grade Point equated with percentage of marks and other grades shall be as follows;

Grade	Grade Point	% Marks	Remarks
A +	4.0	94 – 100	Outstanding
A	4.0	85 – 93	Excellent
A –	3.7	80 – 84	Very Good
B +	3.4	75 – 79	Good
B	3.0	70 – 74	Above Average
B –	2.7	67 – 69	Average
C +	2.4	64 – 66	Fair
C	2.0	60 – 63	Acceptable
C –	1.7	57 – 59	Pass
D +	1.4	54 – 56	Weak
D	1.0	50 – 53	Poor
F	0.0	Below 50	Fail
P	–	50 – 100	Pass in non-credit course
IP	–	–	In Progress
X	–	–	Exempted
I	–	–	Incomplete
W	–	–	Withdrawal
WU	–	–	Withdrawal Unofficially

**Note:**

- i. For Final Year (Design) Project or a design course spanning two semesters, Grade 'IP' is awarded in first semester of the FY(D)P, while it shall be evaluated in the second Semester of the FY(D)P.
  - ii. Grade 'W' is awarded on official withdrawal from the Semester or Programme.
  - iii. Grade 'WU' (not to be counted toward GPA/CGPA of the student) or 'I' is awarded on failing to appear in the examination Award of grade 'I' is subject to the conditions as approved by the University from time to time.
  - iv. Grade 'F' shall be assigned on failing a course, and shall be counted towards GPA/CGPA of the student.
- 7.11 Grade Point Average (GPA) for any Semester and Cumulative Grade Point Average (CGPA) for more than one semester shall be calculated as under:

$$\text{GPA/CGPA} = \frac{\text{Sum of (Credit hours of each course multiplied by grade point in that course)}}{\text{(Total Credit hours of the course together)}}$$

**8. REGISTRATION IN SUBSEQUENT SEMESTER / YEARS OF STUDY:  
COURSE REGISTRATION:**

- 8.1 Registration in any Semester shall be allowed only during first three weeks after commencement of classes of that Semester. Registration shall be confirmed after payment of semester fee.
- 8.2 Registration shall however be subject to the conditions laid down in clauses 8.3(d) and 8.4(c).
- 8.3 a) In a semester, a student shall be registered in any such courses prescribed in that Semester which the student has not passed earlier, subject to clause 8.4(c).
- b). Registration in any course(s) offered other than the prescribed courses of that Semester/Session may also be allowed by the Chairman of the Department concerned in the following cases subject to payment of prescribed fees:
- i) If the student has been admitted in Second Year Fall Semester on migration basis and consequently required to pass (additional) course(s) of First Year in which he/she is not eligible for exemption.
  - ii) The student having been allowed change of discipline is required to pass such course(s) in which either transfer of credit has not been allowed or the student has not studied the course(s) earlier.
  - iii) The student requests being allowed to either register in any course(s) in which he/she had failed earlier or any course (s) as permissible under Para 11.1 for grade improvement. Sessional marks shall be revised for which the student shall be required to appear in tests and submit assignments for sessional marks.
  - iv) The student having short of attendance during previous semester (s).
  - v) The student shall have to attend at least 75% classes in courses where he/she has not met this requirement earlier.
- 8.3 c). In any case the number of registered courses in any Semester including all prescribed course(s) of a Semester, should not exceed the maximum prescribe limit.
- d) In any Semester, the student shall be allowed to register in maximum of **Twenty-one (21) credit hours**.
- e) Students on Withdrawal shall not be eligible for registration.
- f) In Summer session, the student shall be allowed to register in maximum of **Three courses**. Additionally, student **will not be allowed to register in FYDP in Summer session**.

- 8.4 a) Any student who fails to obtain at least **2.0 CGPA** in First Year Fall Semester shall remain on probation during first year Spring Semester.
- b) During the probation period such student shall be allowed to register for the regular courses as well as any backlog course(s) within the maximum limit defined in clause 8.3 (d).
- c) In any semester, the student shall **ONLY** be allowed to register in course(s) of which he/she has studied/qualified the relevant pre-requisite course(s). In any case the maximum number of courses shall be in accordance to clause 8.3(d).
- i) Final Year Design Project (**FYDP**) will be allowed to all such students who had completed/passed a minimum of 80% courses up to 3<sup>rd</sup> year of respective discipline.
- d) Any such student who after being in probation have obtained less than **2.0 CGPA** shall not be allowed to register in subsequent semester and will remain on Probation. He / She will be required to improve his/her CGPA up to 2.0 before being allowed to register in subsequent semester.
- 8.5 Any student having discontinued his/her studies after official permission due to any reason, shall be allowed registration in any subsequent semester (Fall or Spring), subject to fulfilment of conditions laid down in clause 8.4 (c).
- 8.6 (i) Any student registered in any additional course (s) may request the chairperson for change or withdrawal from such course (s). However, such change/withdrawal shall be allowed only during first three weeks of the semester. In such case, the fee for the withdrawn courses will **ONLY** be adjusted towards subsequent semester.
- (ii) Any student may be allowed to withdraw from a course up to the 8<sup>th</sup> week of the semester. However, in such case, the fee of the course shall not be refunded/adjusted and the transcript shall record the enrolment with a grade 'W'.
- (iii) No request for withdrawal shall be accepted after 8<sup>th</sup> week of the semester, and in case of non-appearance in examination, the student shall be awarded 'WU' against the subject.

## **8.7 STUDENTS AVAILING MOBILITY PROGRAMMES:**

All such students who are interested to avail any Mobility Programmes need to register themselves in the subsequent semester (before proceeding abroad) by paying 40% of the Semester Fee. Furthermore, following conditions shall be fulfilled;

- a) Such students shall be given exemption in the courses which they had studied in the institutions abroad provided that;
- i). Such mobility was availed with the approval of the University.
- ii). Courses studied abroad are having more than 75% equivalency with the courses for which exemption is requested.
- iii). Exemption will be allowed for courses with 'B' grade and above.
- iv). Request for exemption should be submitted to concerned department within two week after returning from the mobility.
- b). Mobility shall be allowed from second year onwards for all students subjected to submission of an Affidavit on Stamp paper of specified amount as specified by the University from time to time, that student will have no claim if he/she fails to complete degree requirements in four years.
- c). Clause 8.4 (c) (i) shall also be applied to such students.

## **8.8 CHANGE OF DISCIPLINE (COD) and Migration requirements:**

COD may be allowed either direct or under relegation as under:

### **8.8.1 Direct COD**

- i. Change of Discipline (COD) in Fall Semester of Second Year students shall be considered, on merit, of such applicant who have passed all courses of First Year Fall and Spring Semesters in the Discipline admitted. Any such student with HSC in Pre-Medical shall be allowed COD only in disciplines where he/she was eligible for admission in First Year.
- ii. The Application for COD on prescribed form shall be invited before the commencement of First Year Spring Semester Examinations
- iii. COD shall be allowed against available seats in order of merit to be determined on the basis of CGPA obtained by the applicants in First Year.
- iv. Any student admitted as nominee by the respective nominating authorities shall not be eligible for COD.
- v. COD shall only be allowed in the discipline where maximum three additional courses will be required

### **8.8.2 COD under Relegation**

- i. COD under relegation shall only be allowed in Second Year Fall Semester, on Merit, subject to availability of seats. Any such student with HSC in Pre-Medical shall be allowed COD under relegation only in disciplines where he/ she was eligible for admission in First Year.
- ii. Application for COD under relegation shall be invited before the commencement of Fall Semester Examination of Second Year.
- iii. COD under relegation shall be allowed subject to the condition that the student(s) has/have passed First Year (Fall and Spring Semester) completely with minimum 2.0 CGPA.

### **8.8.3 ADMISSION ON MIGRATION BASIS**

- i. Migration may be allowed from other Universities / Institutions to NED University in the same or relevant discipline subject to availability of seats.
- ii. Candidates admitted in their parent Universities as nominees against reserved quota shall not be eligible for migration.
- iii. Migration will be restricted to only Second Year of study subject to having secured at least 60% aggregate marks in HSC (Pre Engineering) or equivalent and passed examination of First Year of study in the same Discipline as offered by the University at undergraduate level only.
- iv. The application for Migration complete in all respect must reach the Registrar of the University at least fifteen days before the date of commencement of Classes of Second year.
- v. Death or retirement of parent/ guardian or transfer of parent/guardian serving Government /Semi Government /autonomous, organisation after taking admission in the parent University/ Institution (supported by documents) will be given preference over other cases of migration. Merit shall be determined by the Committee comprising of all PVCs, Deans and Registrar.
- vi. Candidates admitted on the basis of migration in this University;
  - Shall produce Medical Fitness Certificate from Medical Officer of this University.
  - Shall not be considered for Change of Discipline or relegation at any stage.
  - Shall be governed by the Regulations prescribed by the University subject to amendment from time to time.

## **8.8.4 EXEMPTION IN EQUIVALENT COURSE(S)**

- i) Any student admitted under COD shall be exempted from same or equivalent course(s) of;
  - a. First Year of current Discipline which he/she has passed in First Year of his/her earlier Discipline.
  - b. Second Year of current Discipline which he/she has passed in First Year of his/her earlier Discipline.
  - c. Respective grades obtained by the student shall be carried forward under the respective course(s) in current Discipline.
- ii) Any student admitted under Relegation shall be exempted from same or equivalent course(s) of First Year or Second Year of current Discipline, which he/she has passed in First Year or in Second year of his/her earlier Discipline. Respective grades obtained by the student shall be carried forward under the respective course in current Discipline.
- iii. Any student admitted under Migration shall be exempted from same or equivalent course(s) of;
  - a. First Year of current Discipline, which he/she has passed in First Year or subsequent year(s) at his/her parent Institution. The respective course in current Discipline shall be read as Exempted.
  - b. Second Year of current Discipline, which he/she has passed in First Year or subsequent year(s) at his/her earlier Institution. The respective course in current Discipline shall be read as Exempted.
  - c. Grades of exempted courses shall not be counted towards CGPA and total credit hours of the programme shall accordingly be reduced.
- iv) Regardless of the titles a course under any Discipline at this University shall be called equivalent to a course under another Discipline at this University or under the concerned Discipline at any other Institution/University provided:
  - a. At least 75% of the contents topics are same.
  - b. Courses to be exempted should have similar components i.e., both Theory and Practical or only Theory or only Practical.

### **OR**

- c. Credit hours in Theory and/or Practical in any course(s) are at least equal to those allocated to the course for which equivalence is required
- v) Equivalence of any course shall be determined by the Department responsible for teaching the course.
- vi For all non-equivalent course(s) the student shall be required to register and qualify such course(s) whenever offered.
- vii All such courses for which equivalency of only one segment either in Theory or Practical is established, shall also be considered non-equivalent and the student shall be required to repeat that course.

## **9. CANCELLATION OF ADMISSION / ENROLMENT:**

- 9.1 Admission of any such student of First Year of Studies in any Discipline shall be cancelled who is not a candidate for the Fall Semester Examination.
- 9.2 Admission of any such student of any Year / Semester who has been rusticated from the University on account of serious breach of discipline for any specified period shall be cancelled and notified. However, after expiry of the period the student may be allowed readmission in the same year/Semester with junior batch, if otherwise eligible.
- 9.3 Admission and enrolment of any such student of any Year / Semester who has been expelled from the University on account of major breach of discipline shall be cancelled after due process and subsequently notified. The student shall not be eligible for any subsequent admission in the University.
- 9.4 Admission of any such student shall be cancelled, who without information fails to register in any Semester even after passing of the permissible registration duration.

## **10. WITHDRAWAL FROM SEMESTER / PROGRAMME:**

- 10.1 Withdrawal from any Semester or Programme may be allowed only in extra-ordinary circumstances.
- 10.2
- a) The student shall be required to apply for withdrawal through concerned Chairman along with evidence supporting his/her request for withdrawal. If allowed, necessary notification shall be issued.
  - b) In any case, withdrawal shall only be allowed for the First Year Spring Semester provided that the student attended classes and had maintained at least 50% attendance in one or more courses during the First Year Fall Semester.
  - c) Semester withdrawal will be allowed till 3<sup>rd</sup> week after commencement of Semester. Only Tuition and Examination fee will be adjusted in subsequent semester. Any other applicable charges will however, be forfeited. Those students who had not yet paid the fees, shall only be allowed withdrawal subject to payment of fees equivalent to all applicable charges other than Tuition and Examination fee.
  - d) After three weeks withdrawal may be allowed, subject to payment of to all applicable charges other than Tuition and Examination fee and tuition fee of one course.
  - e) In case of withdrawal from semester, if the student fails to report back in subsequent semester, his/her admission will be liable to cancellation as per Clause 9.4. In such case, adjusted fee will not be refunded.
- 10.3 Any such student(s) seeking readmission after withdrawal shall only be considered for readmission provided that:
- a). The applicant has officially withdrawn earlier from the Semester or Programme.
  - b). The period of discontinuation of his/her studies does not exceed three academic years.
  - c). He / She produces an affidavit on Stamp Paper of prescribed amount declaring that during the period of his/her discontinuation of studies. He / She was neither on the rolls of any other Educational Institution nor was convicted by any Court of Law.
  - d). The student shall be able to complete his/her degree within time limit prescribed under Para 6.3.

## **11. GRADE IMPROVEMENT:**

- 11.1 a). Any student may be allowed by the Chairman of the Department concerned to repeat course (s) offered in that semester subject to the following conditions;
- (i) A compulsory course which the student is required to repeat for obtaining a passing grade or a course selected by the student for improvement of his/her CGPA.
  - (ii) Any other elective course of a particular stream in lieu of an elective course.
- b). The student shall be allowed to repeat courses as per the maximum limit defines in clause 8.3 (d).
  - c). The students may however repeat the course(s) as and when offered.
  - d). Better grades in curse(s) shall be considered for determining his/her GPA/CGPA.
- 11.2 Any student who is eligible for award of degree under Para 12 but still desires to improve CGPA for any reason may be allowed by the chairman of the Department concerned, subject to the following conditions:
- a) No provisional certificate/degree has been issued to him/her.
  - b) Duration of completion for the degree does not exceed the maximum limit described under Para 6.3.
  - c) The student requests registration in desired courses within two weeks after announcement of his/her result.

**12. AWARD OF DEGREE:**

- 12.1 Any student who was admitted in first year and has passed all courses as prescribed for his/her Discipline with CGPA of at least 2.0 shall be eligible for award of Degree in that Discipline.
- 12.2 Any student who was admitted directly in Second Year on migration from any recognized Institution and has passed all courses as prescribed for that Discipline with CGPA of at least 2.0 shall be eligible for award of a Degree in that Discipline. The course(s), if any, in which the student was allowed exemption on the basis of having studied the course(s) in the former Institution shall not however be counted for determining his/her GPA/CGPA.

**13. GENERAL PROVISION:**

- 13.1 The Academic Council NED-UET shall approve the syllabus / outlines of each course of theory and subsequent changes / amendments.
- 13.2 The Academic Council NED-UET shall also approve Rules as and when required / proposed for implementation of any Regulation.
- 13.3 These Regulations or part thereof may be revised / corrected by the Competent Authority as and when necessary and shall be notified accordingly.