



Policies & Procedures Manual

Sir Syed University of Engineering & Technology

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Approved by (Statutory Body/ Competent Authority): A.C. 51.55, BoG # 63.4	
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Policy Statement
<p>It is the policy of SSUET to establish a quality management system that meets the quality standards expected by its stakeholders. To achieve this, SSUET management is committed to continuous improvement in all areas of activities.</p>

	Name	Designation	Date
Prepared by:	Prof. Dr. Aqeel-ur-Rehman	Dean, Faculty of Computing and Applied Sciences	07-07-2021
Reviewed by:	Admission Committee		07-07-2021

ADMISSION POLICY (2021-2022)

(Applicable to all Undergraduate Programs including BS, BArch, BSc Technology and BBA programs offered by SSUET)

1. Preamble

Sir Syed University of Engineering and Technology is committed to maintaining high academic standards by identifying applicants who are eligible to be considered for admission. This policy is intended to provide a broad framework and a set of principles for determining admissions of SSUET.

2. Introduction

Admission Policy is part of every SSUET's prospectus and is duly approved by the SSUET Academic Council (AC) and Board of Governors (BoG) every year before its formal implementation. This admission policy provides admission rules for the Batches 2021-22. The policy for 2021-2022 also caters for the situation created due to CORVID-19 pandemic. The policy is in line with the requirements and guidelines of HEC and all relevant accrediting councils. This academic policy applies to all undergraduate students seeking admission and is published for students, faculty, and staff, all of whom are held responsible for reading and adhering to these policies and procedures.

3. Admission Policy

Sir Syed University of Engineering & Technology offers admissions in its degree programs as given below: -

a. Faculty of Civil Engineering and Architecture (FoCEA)

- i. Bachelor of Architecture
- ii. BS in Civil Engineering
- iii. BSc in Civil Engineering Technology

b. Faculty of Electrical and Computer Engineering (FoECE)

- i. BS in Biomedical Engineering
- ii. BS in Biomedical Sciences
- iii. BS in Biotechnology
- iv. BS in Computer Engineering
- v. BS in Electrical Engineering
- vi. BS in Electronic Engineering

- vii. BS in Telecommunication Engineering
- viii. BS in Mobile Communication and Security
- ix. BSc in Electrical Engineering Technology
- x. BSc in Electronic Engineering Technology

c. Faculty of Computing and Applied Sciences (FoCAS)

- i. BS in Bioinformatics
- ii. BS in Computer Science
- iii. BS in Information Technology
- iv. BS in Software Engineering
- v. BS in Mathematics

d. Faculty of Business, Management and Social Sciences (FoBMS)

- i. Bachelor of Business Administration

e. Eligibility Conditions

- i. **Minimum marks obtained in HSC / Equivalent examination / Diploma of Associate Engineering for Engineering, Sciences and Business Programs**

(i) For admission in any Engineering Program of FoCEA and FoECE, 60% (SIXTY PERCENT)** of the aggregate marks.

(ii) For admission in any Sciences Program of FoCAS, FoCAE and FoECE, 50% (FIFTY PERCENT)*** of the aggregate marks.

(ii) For admission in Business Program of FoBMS, 45% (FORTY FIVE PERCENT)*** of the aggregate marks.

(iv) Applicant possessing Diploma of Associate Engineering with minimum 60% (Sixty Percent)** of the total aggregate marks are eligible against reserved seats in **relevant discipline of Engineering*** (i.e. 2%).

(v) Applicant possessing Diploma of Associate Engineering with minimum 50% (Fifty Percent)*** of the total aggregate marks are eligible in relevant discipline of Science

(v) Applicant possessing Diploma of Associate Engineering with minimum 45% (Forty Five Percent)*** of the total aggregate marks are eligible in discipline of Business.

* Refer to **Annexure-A** (As per 74-EA&QEC/EAB)

** With or Without Grace marks (As per 74-EA&QEC/EAB)-**Refer to Annexure-B**

*** With or Without Grace marks (Undertaking from parents will be required)

ii. Minimum marks obtained in HSC / Equivalent examination for

BSc in Engineering Technology Programs

(i) For admission in any Engineering Technology Program of Faculty of Engineering 50% (FIFTY PERCENT)^{***} of the aggregate marks in **relevant discipline of Engineering***.

(ii) Applicant possessing Diploma of Associate Engineering with minimum 50% (Fifty Percent)^{***} of the total aggregate marks are eligible in **relevant discipline of Engineering***.

* Refer to **Annexure-A** (As per 74-EA&QEC/EAB)

^{***} With or Without Grace marks (Undertaking from parents will be required in case of grace marks)

iii. Combination of courses at the level of HSC / Equivalent Examination for Engineering, Sciences and Business Programs

(i) With combination of Physics, Chemistry and Mathematics eligible for all Programs.

(ii) With combination of Physics, Mathematics and Computer Science eligible for Computer Engineering, Computer Science, Software Engineering, Information Technology, Bioinformatics, Mobile Communication and Security, and Mathematics.

(iii) With combination of Physics, Chemistry and Biology eligible for Biomedical Engineering, Bioinformatics, Biomedical Science, Biotechnology, Computer Science^{##}, Software Engineering^{##} and Information Technology^{##}.

(iv) With combination of Physics, Mathematics, Statistics eligible for Computer Science, Software Engineering, Information Technology, Mobile Communication and Security, and Mathematics.

(v) With any combination (like combination of Physics, Mathematics, Chemistry, Biology & Arts/Design or any non-Science Subjects) students eligible for Bachelor of Business Administration and Architecture.

(vi) With any combination (with Mathematics) students eligible for Computer Science, Software Engineering, Information Technology

All such students must pass deficiency courses of Mathematics of 6 credit hours within one year of their regular studies – As per Notification (NCEAC/HEC/General/3-20, dated March 20, 2020)

iv. Combination of courses at the level of HSC / Equivalent Examination for BSc in Engineering Technology Programs

(i) Students having Diploma in Associate Engineering (in the Engineering discipline) are eligible for all relevant Programs.

f. Admission Open to All

Keeping in view the “Aligarh Spirit” the admissions are open to all purely on merit basis, irrespective of caste, creed, colour, culture, religion, gender, or domicile.

Note: Acceptance of admission form does not guarantee admission, which is made on the basis of merit and availability of seats.

g. Rejection of Application

The University has the right to reject any application or cancel/ withdraw any admission of a student.

h. Admission Aptitude Test

i. Test Contents

a) An Aptitude Test will be conducted equivalent to the standard of Intermediate Science (HSC) for all applicants of Engineering, Sciences and Technology Programs.

b) An Aptitude Test will be conducted equivalent to the standard of Intermediate Commerce (HSC) for all applicants of Bachelor in Business Administration Programs.

c) Applicants interested in Architecture Program will be assessed through Drawing Test and Interview conducted by the University in addition to the Aptitude Test (Same as option (a)), separately.

Note: All Candidates who Pass the Test as per set threshold will Qualify for Department wise Merit Calculations.

ii. Mode of Test

PLAN A: A Computer Based Test (Several sessions) in Computing Labs of SSUET will be conducted. Student physical appearance will be required to solve admission test using computer.

PLAN B: An Online Test via web portal will be conducted. Student may attempt the test from anywhere after registering on prescribed schedule. Marks will be awarded as mentioned below in section 3.8.

i. Hafiz-e-Quran

Addition of 20 marks to the marks obtained by the candidate in HSC / Equivalent Examination Marks issued by IBCC for A-Level/ Equivalent examination will be allowed to Hafiz-e-Quran subject to:

a) Production of original sanad from Wifaq-ul-Madaris Arabia Pakistan.

b) Qualifying the Oral Test to be conducted by the University for Hafiz-e-Quran.

This addition will be considered for determining merit of the candidate and will **not affect the eligibility condition for accepting of admission form.**

j. Merit Determination

The Admission Committee will process the applications on the basis of merit as determined by the applicant's previous academic record and his/her performance in the Aptitude Test.

Different weightages are assigned to these selection criteria as detailed below:

PLAN A (In case result of HSC Part-II/A-Level remains un-available before Admission Test & Admission Test is conducted CBT/ONLINE)

HSC/A-Level/Equivalent Exams Students

- a) **30% Weightage** – SSC Examination Marks/ O-Level Examination Marks (issued by IBCC)/Equivalent Examination Marks
(20 Marks will be added with HSC-Part I equivalent marks for Hafiz-e-Quran on a condition that He/ She passes the Hafiz-e-Quran Test)
- b) **70% Weightage** – SSUET Admission Aptitude Test

PLAN B (In case result of HSC Part-II/A-Level becomes available before Admission Test & Admission Test is conducted as CBT/ONLINE)

HSC/A-Level/Equivalent Exams Students

- a) **30% Weightage** – HSC-II Examination Marks/ A-Level Examination Marks (issued by IBCC)/ Equivalent Examination Marks
(20 Marks will be added with HSC-Part II marks for Hafiz-e-Quran on a condition that He/She passes the Hafiz-e-Quran Test)
- b) **10% Weightage** - SSC Examination Marks/ O-Level Examination Marks (issued by IBCC)/Equivalent Examination Marks
- c) **60% Weightage** – SSUET Admission Aptitude Test

IMPORTANT NOTES:

- 1- ***Selection of Plan A or Plan B will be based on the decision taken by Academic Council***
- 2- ***All Candidates who Pass the Test as per set threshold will Qualify for Department wise Merit Calculations.***
- 3- ***All candidates have to provide proof of achieving basic eligibility as per the mentioned criteria for each program as soon as the result of HSC-II/A-Level/Equivalent is announced.***

k. Tie Resolution

In case of tie for merit position in the selection for admission, the tie shall be resolved by the following criteria:

- a) Aggregate marks obtained in Aptitude Test shall be the criterion for resolving the tie.
- b) Any further tie shall be resolved by considering marks obtained in Core section (Physics/Biology/Computer Science/Business) and then English of the Aptitude Test conducted by the Sir Syed University on scheduled date and time (In case of Engineering, Sciences, Technology and Business Administration Programs).

l. Required Documents

The candidate applying for admission must attach copies of the following documents: a)

- b) **(For Plan A)** Matriculation (SSC) Certificate and Marks Sheet / O-level Mark Sheet*
(For Plan B) Matriculation (SSC) Certificate and Intermediate (HSC) Marks Sheet / A-level Mark Sheet*.
- b) Copy of CNIC of candidate or Copy of B-Form (in case CNIC is not been issued to the candidate)
- c) Copy of the paid voucher.
- d) Signed copy of the provided forms
- e) Sanad Hafiz-e-Quran**
- f) Sports Certificate**

****Equivalence Certificate from IBCC required.***

***** if desired necessary***

m. Categories & Seats Allocations

There are multiple categories namely:

- i) Open Merit (HSC/ A-Level or Equivalent)
- ii) Open Merit (DAE) – Limited as per PEC prescribed 2% quota
- iii) Overseas
- iv) Self-Finance
- v) Reserved (Employees, Faculty, Staff, Sports,

Sponsors) Seats distribution as per above categories are

mentioned in Annex-C.

Available seats as per different offered programs are tabled as under:

S. No.	Discipline		Total Seats
	Name	Code	
01	BS Biomedical Engineering	BM	120
02	BS Civil Engineering	CV	200
03	BS Computer Engineering	CE	200
04	BS Electrical Engineering	EL	80
05	BS Electronic Engineering	EE	200
06	BS Telecommunication Engineering	TE	120
07	Bachelor of Architecture	AR	50
08	BS Bioinformatics	BI	40
09	BS Computer Science	CS	250
10	BS Information Technology	IT	50
11	BS Software Engineering	SE	300
12	BS Mathematics	MA	40
13	BS Biomedical Science	BS	40
14	BS Biotechnology	BT	50
15	BS Mobile Communication and Security	MCS	40
16	Bachelor of Business Administration	BBA	50
17	BSc Civil Engineering Technology	CVT	40
18	BSc Electrical Engineering Technology	ELT	40
19	BSc Electronic Engineering Technology	EET	40
Total			1950

n. First Installment including Admission Process Charges

The applicant must bring 50% of the total 1st semester charges including Admission Processing Charges* (Rs.30,000/- OR Rs.10,000/- non-refundable) in the form of Cash/ Pay Order/ Demand Draft (in favour of “Sir Syed University of Engineering & Technology, Karachi”)/ ONLINE payment, to confirm his/her offered seat.

****Refer to Admission Fee under Fee Structure of Specific Program***

(Note: The Admission Processing charges are the part of the overall program fee)

o. Change of Program/Discipline

Change of Program/Discipline after confirming admission in one program is strictly prohibited. However, after completion of the regular admission cycle, in case seats of particular Program/Discipline become available due to the cancellation of admission, the student may re-apply for an available seat through written application after the withdrawal of his previous program admission. In such cases, the submitted fee (admission + 1st semester charges) shall be forfeited and the admission will be awarded on merit basis only.

p. Duration of Program

- i) Courses of studies leading to the degree of Bachelor of Science (BSc) in any Engineering Technology, Bachelor of Sciences (BS) in any Engineering Discipline, Computer Science, Software Engineering, Bioinformatics, Biotechnology, Information Technology, Bio-medical Science, Mathematics, Mobile Communication and Security and Bachelor of Business Administration shall be of minimum four (4) academic years' duration.
- ii) The Duration of the degrees of Bachelor of Architecture shall however be of minimum five (5) academic years' duration.
- iii) 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,
 - a) Maximum seven academic years shall be allowed for each Four-year degree program.
 - b) Maximum eight academic years shall however be allowed for each Five-year degree program.

q. Medium of Instruction

Instructions in all courses and laboratories are carried out in English Language. The examinations are also conducted in English.

r. Employment/Simultaneous Enrolment

All undergraduate degree programs (Except Technology Programs) are regular full time day programs. No student admitted in this University shall be allowed to engage himself/ herself in employment or maintain simultaneous enrolment in any other course of studies in any educational institutions. Violation of above may lead to cancellation of admission.

s. Cancellation of Admission/ Enrolment

- a) In case at any stage it is found that the documents on the basis of which admission was granted are forged / tampered / bogus, the admission of the student will be cancelled and the fee paid shall be forfeited. University also reserves the right for legal action. However, he / she may file appeals against such decision with the Vice Chancellor within 15 days from the date of notification along with a fee of Rs.500/-
- b) If a student fails to attend classes for four weeks consecutively in a semester, without prior approval, his/her admission may be suspended. However, he/she may be allowed to continue on the recommendations by the Chairperson/ Dean on the payment of prescribed fee.
- c) 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.

d) 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.

Note:- All HEC/ PEC/ NTC/ NCEAC/ NBEAC Semester Rules and Regulations are applicable in addition to Sir Syed University of Engineering & Technology Rules & Regulations.

4. ADMISSION PROCEDURE

a. Submission of Application for Admission

- i. The Admission Processing fee (including aptitude test, Prospectus, Model Test Paper and other related processing fees) for all programs is Rs.3,900/-.
- ii. The Candidates has to visit admissions.ssuet.edu.pk and complete the online registration process through his/her email address/ Mobile number.
- iii. Fill up the admission form step by step. Also attach (upload) the required document (Scanned Copies).
- iv. Carefully select the preferred choices. Once the form is submitted, the choices cannot be changed.
- v. Take printout of the voucher & submit in any MCB bank OR use available ONLINE payment options (for details visit www.ssuet.edu.pk).
- vi. Admit card will be issued to all candidates on Admission system Dashboard who completed the form requirements and upload the scanned copy of paid Challan on admission system.

b. Admission Test

Candidate has to attempt (as per schedule and mode of test plan) an Aptitude Test that will comprise over the MCQs questions to the standard of HSC (Intermediate Science/Commerce) as per applied Program.

Admission aptitude test result is announced on SSUET website (www.ssuet.edu.pk). All Candidates who **Pass** the Test as per set threshold qualify for Department wise Merit Calculations.

c. Merit Calculations

PLAN A (In case result of HSC Part-II/A-Level remains un-available before Admission Test & Admission Test is conducted CBT/ONLINE)

HSC/A-Level/Equivalent Exams Students

- a) **30% Weightage** – SSC Examination Marks/ O-Level Examination Marks (issued by IBCC)/Equivalent Examination Marks (20 Marks will be added with HSC-Part I equivalent marks for Hafiz-e-Quran on a condition that He/ She passes the Hafiz-e-Quran Test)
- b) **70% Weightage** – SSUET Admission Aptitude Test

PLAN B (In case result of HSC Part-II/A-Level becomes available before Admission Test & Admission Test is conducted as CBT/ONLINE)

HSC/A-Level/Equivalent Exams Students

- a) **30% Weightage** – HSC-II Examination Marks/ A-Level Examination Marks (issued by IBCC)/Equivalent Examination Marks (20 Marks will be added with HSC-Part II marks for Hafiz-e-Quran on a condition that He/She passes the Hafiz-e-Quran Test)
- b) **10% Weightage** - SSC Examination Marks/ O-Level Examination Marks (issued by IBCC)/Equivalent Examination Marks
- c) **60% Weightage** – SSUET Admission Aptitude Test

IMPORTANT NOTES:

- 1- ***Selection of Plan A or Plan B will be based on the decision taken by Academic Council***
- 2- ***All Candidates who Pass the Test as per set threshold will Qualify for Department wise Merit Calculations.***
- 3- ***All candidates have to provide proof of achieving basic eligibility as per the mentioned criteria for each program as soon as the result of HSC-II/A-Level/Equivalent is announced.***

d. Admission offering (Provisional)

Provisional admission will be offered to all candidates who qualify as per Merit. Candidates will however, be required to submit their HSC Mark Sheet with having minimum marks as per eligibility criteria (refer to para 3.5) otherwise, their admission will be cancelled. Similarly, for A-Level candidates along with their transcripts IBCC equivalency certificate with minimum equivalent marks as per eligibility criteria to be submitted soon after announcement of their respective results. In case of non-submission or having secured lesser than eligibility marks, the admission will be cancelled.

NOTE: At the time of admission offering, candidate has to submit 50% of 1st semester charges including Admission Charges in cash or pay order (Refer to Section 3.14)

e. Conversion of Provisional to Regular Admission

Candidates will be required to submit their HSC Mark Sheet/ IBCC certificate for A-Level equivalency/ Other Equivalent examination Mark Sheet with having minimum marks as per eligibility criteria before completion of first semester to convert Provisional Admission into Regular Admission. In case of non-submission or having secured lesser than eligibility marks, the admission will be cancelled.

f. Important Points to Remember

The Application shall be rejected in case the candidate is found guilty of any suppression or misrepresentation of material facts. In case at any stage it is found that the documents on the basis of which admission was granted are forged/ tempered, the admission will be cancelled and the fee paid shall be forfeited. The candidate will not be considered for admission in future. The University reserves the right for legal action also.

g. Documents Required

Candidate must submit the following documents as mentioned against each of them, to the Admission Office after confirmation of admission:

- a) System Generated Admit card of Aptitude Test (Printed)
- b) S.S.C. or Equivalent Examination Mark sheet and Certificate (Attested Photocopy)
- c) HSC or Equivalent Examination Mark-Sheet Original - to be retained by the University (***For Conversion of Provisional Admission to Regular Admission***)
- d) Equivalence Certificate from IBCC for Foreign Examination; if applicable original to be retained by the University.
- e) Declaration of non-participation in political activities and no indulgence in unwanted activities on Judicial Stamp Paper of Rs.50/.
- f) Six Passport Size Photographs (with light Blue Background)
- g) Hafiz-e-Quran Sanad if applicable Original from Wifaq-ul-Madaris Arabia Pakistan

- Original documents retained by the University will be returned after the completion or termination of the studies at this University.
- Applicants are warned that in their own interest they should retain sufficient number of attested photocopies of their documents/certificates as the originals are not likely to be returned during their period of study at the University. However, the Photostat of the required documents can be provided to the students on submission of application on the prescribed form on payment of Rs.50/- each of documents on the notice of seven working days, subject to availability of the documents.
- The admission of applicant, who does not submit the original documents on the specified scheduled date, may be cancelled.

h. Description of Categories and payable fee at the time of admission

A lump sum amount is charged at the time of admission (including Admission Charges and the 1st semester charges). The Tuition fee is calculated as per specified credit hour charges.

(i) Open:

It is open to all candidates who qualify the eligibility conditions of para 3.5., the fee payable at the time of admission to (admission + 1st Semester charges):

S.No.	Degree Program	Admission Charges	1 st Semester Charges	Total
1	BS Biomedical Engineering	30,000	98,100	128,100
2	BS Civil Engineering	30,000	85,800	115,800
3	BS Computer Engineering	30,000	98,100	128,100
4	BS Electrical Engineering	30,000	94,000	124,000
5	BS Electronic Engineering	30,000	102,200	132,200
6	BS Telecommunication Engineering	30,000	57,750	87,750
7	Bachelor of Architecture	30,000	121,700	151,700
8	BS Bioinformatics	30,000	59,800	89,800
9	BS Computer Science	30,000	98,100	128,100
10	BS Information Technology	30,000	98,100	128,100
11	BS Software Engineering	30,000	89,900	119,900
12	BS Mathematics	10,000	51,000	61,000
13	BS Biomedical Science	10,000	79,800	89,800
14	BS Biotechnology	30,000	31,000	61,000
15	BS Mobile Communication and Security	10,000	49,000	59,000
16	Bachelor of Business Administration	10,000	69,500	79,500
17	BSc Civil Engineering Technology	10,000	44,500	54,500
18	BSc Electrical Engineering Technology	10,000	44,500	54,500
19	BSc Electronic Engineering Technology	10,000	42,500	52,500

It must be paid either in cash or through Pay Order in favour of "Sir Syed University of Engineering & Technology" or using any specified ONLINE payment method.

(ii) Reserved Seats:

a) Sports and Sponsors

The candidates who are outstanding Sportsmen or recommended by any Sponsor are eligible for admission under this category provided candidates fulfill the eligibility conditions of para 3.5. Fee payable at the time of admission will be same as mentioned under section 4.7 (i) either in cash or through Pay Order in favour of "Sir Syed University of Engineering & Technology" or using any specified ONLINE payment method.

b) Employees, Faculty and Staff

The candidates who are eligible for admission under this category provided candidates fulfill the eligibility conditions of para 3.5, Fee payable at the time of admission to any discipline will be as per **University Employee Discount Policy**.

The other following categories are only for Engineering and Sciences Programs:

Overseas (Pakistanis):

Candidate must qualify the eligibility conditions of para 3.5 and the fee payable at the time of admission is amounting to US \$: **8650/-**

Self-Financing:

It is open to all candidates who qualify the eligibility conditions of para 3.5. The fee payable at the time of admission is amounting to PKR: **450,000 + Tax** either in cash or through Pay Order in favour of Sir Syed University of Engineering & Technology.

In case of less number of applications for Overseas/Self-Finance/Reserved Seats, Open merit criteria are applied to fill remaining seats.

Note:

Any Government taxes are liability of candidate. HEC and all concerned accreditation bodies' Rule and Regulations are applicable in addition to Sir Syed University of Engineering & Technology's Rules and Regulations.

ANNEXURE A: DAE Admissions – Relevant Disciplines

RELEVANT DISCIPLINES OF DAEs
FOR ADMISSION IN BACHELOR OF ENGINEERING
PROGRAMS

(Updated upto 74-EA&QEC/EAB)

S#	Undergraduate Engineering Programs (Recognized Engineering Disciplines)	Same/Relevant DAE Disciplines
1.	Civil Engineering	i. Civil ii. Land & Mine Surveying iii. Architecture
2.	Transportation Engineering	Civil
3.	Urban Engineering	Civil
4.	Building & Architectural Engineering	i. Civil ii. Architecture iii. Construction
5.	Electrical Engineering ○ Power ○ Telecommunication ○ Electronics ○ Computer	i. Electrical ii. Telecommunication iii. Electronics iv. Avionics v. Instrumentation vi. Information Technology vii. Precision Mechanical & Instrument viii. Radar Technology ix. Automation x. Radio Technology xi. Instrumentation & Process Control
6.	Electronics Engineering	i. Electrical ii. Electronics iii. Instrumentation iv. Instrumentation & Process Control v. Bio-Medical vi. Telecommunication vii. Avionics viii. Radar Technology ix. Automation x. Radio Technology

S#	Undergraduate Engineering Programs (Recognized Engineering Disciplines)	Same/Relevant DAE Disciplines
7.	Industrial Electronics	<ul style="list-style-type: none"> i. Electrical ii. Electronics iii. Radar Technology iv. Automation v. Radio Technology vi. Instrumentation/Instrumentation & Process Control
8.	Information & Communication Engineering	<ul style="list-style-type: none"> i. Telecommunication ii. Computer Information Technology iii. Electrical iv. Electronics v. Software vi. Radar Technology vii. Automation viii. Radio Technology ix. Instrumentation/Instrumentation & Process Control
9.	Telecommunication Engineering	<ul style="list-style-type: none"> i. Telecommunication ii. Electrical iii. Electronics iv. Avionics v. Instrumentation vi. Computer Information Technology vii. Software viii. Radar Technology ix. Automation x. Radio Technology xi. Instrumentation & Process Control

S#	Undergraduate Engineering Programs (Recognized Engineering Disciplines)	Same/Relevant DAE Disciplines
10.	Energy Systems Engineering	<ul style="list-style-type: none"> i. Electrical ii. Electronics iii. Mechanical (Power) iv. Telecommunication v. Chemical vi. Radar Technology vii. Automation
11.	Mechanical Engineering	<ul style="list-style-type: none"> i. Mechanical ii. Mechanical (Power) iii. Mechanical (Production) iv. Precision Mechanical & Instruments v. Auto & Diesel Tech vi. Bio-Medical vii. Dies & Mould viii. Automation ix. Refrigeration & Air Conditioning x. Mechanical (Construction Machinery)
12.	Energy & Environmental Engineering	<ul style="list-style-type: none"> i. Mechanical ii. Petroleum iii. Petrochemical iv. Civil v. Chemical vi. Electrical
13.	Chemical Engineering	<ul style="list-style-type: none"> i. Chemical ii. Chemical Processing iii. Chemical Technology (specialization in Sugar Technology) iv. Petro Chemical v. Petroleum
14.	Polymer & Process Engineering	<ul style="list-style-type: none"> i. Chemical ii. Chemical Processing Technology iii. Chemical Technology (specialization in Sugar Technology) iv. Petro Chemical v. Petroleum

S#	Undergraduate Engineering Programs (Recognized Engineering Disciplines)	Same/Relevant DAE Disciplines
15.	Polymer & Petrochemical Engineering	i. Chemical ii. Petrochemical
16.	Petroleum & Gas/ Petrochemical Engineering	i. Petroleum ii. Chemical iii. Petrochemical
17.	Agricultural Engineering	i. Mechanical ii. Civil iii. Auto and Farm Machinery iv. Auto and Diesel v. Mechanical Technology/ Machinery vi. Automation
18.	Metallurgy/Material Engineering	i. Metallurgy & Welding ii. Foundry and Pattern Making iii. Glass Ceramics iv. Mechanical v. Cast Metal & Foundry
19.	Mining Engineering	i. Land and Mine Surveying ii. Mining Tech.
20.	Geological Engineering	i. Land and Mine Surveying ii. Mining Tech.
21.	Textile Engineering	i. Textile ii. Spinning iii. Textile Weaving iv. Textile Dying and Printing v. Garments Tech. vi. Dress Designing & Making vii. Automations
22.	Aerospace Engineering	i. Mechanical ii. Auto Diesel iii. Automation

S#	Undergraduate Engineering Programs (Recognized Engineering Disciplines)	Same/Relevant DAE Disciplines
23.	Avionics Engineering	<ul style="list-style-type: none"> i. Avionics ii. Electronics iii. Telecommunication iv. Computer / IT v. Software vi. Radar Technology vii. Automation viii. Radio Technology ix. Instrumentation/Instrumentation & Process Control
24.	Biomedical Engineering	<ul style="list-style-type: none"> i. Biomedical ii. Electrical iii. Electronics iv. Instrumentation v. Radar Technology vi. Automation vii. Radio Technology viii. Instrumentation & Process Control
25.	Food Engineering/ Food Processing Engineering	<ul style="list-style-type: none"> i. Chemical ii. Food Tech. iii. Mechanical iv. Food Processing & Preservation
26.	Computer Engineering/ Computer Systems Engg/ Computer Software Engineering	<ul style="list-style-type: none"> i. Computer Information Tech. ii. Computer iii. Telecommunication iv. Electrical v. Electronics vi. Software vii. Radar Technology viii. Automation ix. Radio Technology x. Instrumentation/Instrumentation & Process Control

S#	Undergraduate Engineering Programs (Recognized Engineering Disciplines)	Same/Relevant DAE Disciplines
27.	Industrial and Manufacturing Engineering	<ul style="list-style-type: none"> i. Mechanical ii. Cast Metal & Foundry iii. Mechanical (Production) iv. Auto & Diesel Tech. v. Automation vi. Mechanical (Construction Machinery)
28.	Mechatronics & Control Engineering	<ul style="list-style-type: none"> i. Instruments ii. Electrical iii. Electronics iv. Mechanical v. Radar Technology vi. Automation vii. Radio Technology viii. Instrumentation & Process Control
29.	Geo-Informatics Engineering	<ul style="list-style-type: none"> i. Land & Mine Surveying ii. Civil

ANNEXURE B: Partial Minutes of the Meeting (As per 74-EA&QEC/EAB)

- Ref: PEC 74TH EA&QEC/EAB MEETING HELD ON NOVEMBER 18-19,2015

c) Agenda Item No. 10: Request for Admission in Engineering Programs on the Aggregate Percentage i.e. 59.73%

After detailed deliberations, the house decided that PEC has no objection if HEI admits a student with 60% marks (with or without grace marks) mentioned on the transcripts by the respective board. In this particular case, it was observed that the certificate of the Board of Intermediate, Karachi enumerates that the board has added three (3) marks to raise the grade to 'B' which is equal to 60% as mentioned. Therefore, the house unanimously approved and declared him eligible for admission.

ANNEXURE-C: Categories & Seats Allocations

The categories and seats allocation to each category is tabled as under:

S. No.	Discipline		Total Seats	Open		Overs eas	Self-Finance	Reserved Seats for Employees, Faculty, Staff, Sports, & Sponsors
	Name	Code		HSC or Equivalent	DAE			
01	BS Biomedical Engineering	BM	120	107	03	0	05	05
02	BS Civil Engineering	CV	200	147	03+01**	15	30**	05
03	BS Computer Engineering	CE	200	181	04	0	05	10
04	BS Electrical Engineering	EL	80	68	02	0	07	03
05	BS Electronic Engineering	EE	200	181	04	0	05	10
06	BS Telecommunication	TE	120	107	03	0	05	05
07	Bachelor of Architecture	AR	50	44	NL	0	03	03
08	BS Bioinformatics	BI	40	34	NL	0	03	03
09	BS Computer Science	CS	250	231	NL	0	07	12
10	BS Information Technology	IT	50	44	NL	0	03	03
11	BS Software Engineering	SE	300	278	NL	0	10	12
12	BS Mathematics	MA	40	35	NL	0	02	3
13	BS Biomedical Science	BS	40	35	NL	0	02	3
14	BS Biotechnology	BT	50	45	NL	0	02	3
15	BS Mobile Communication and Security	MCS	40	35	NL	0	02	3
16	Bachelor of Business Administration	BBA	50	50	NL	0	0	0
17	BSc Civil Engineering Technology	CVT	40	40	NL	0	0	0
18	BSc Electrical Engineering Technology	ELT	40	40	NL	0	0	0

19	BSc Electronic Engineering Technology	EET	40	40	NL	0	0	0
Total			1950	1742+19** =1761		15	91**	83
Total				1950				

***NL = No limit/ Restriction**

****Out of 04 DAE seats, 01 is reserved under Self-Finance allocated seats**

If the number of candidates is less than the allocation of seats in the category/categories other than the category for open merit, the unfilled seats will be transferred to its respective discipline in the category for open merit.