

Serial No. 2144755

Registration No.
2019-MS-MED-23

University of Engineering & Technology Lahore



This is to certify that

Mr. Muhammad Suleman Butt

Son of Mr. Saleem Pervez

has completed all the requirements for the award of

M.Sc. degree in Mechanical Design Engineering

in October 2022 securing a

CGPA of 3.288 (Three Pt Two Eight Eight) /4.0

He has accordingly been admitted to the Degree of

Master of Science

in

Mechanical Design Engineering



A blue ink signature of the Controller of Examinations, written in a stylized cursive script.

Controller of Examinations

Countersigned

Lahore

M. Baligh ur Rehman



University of Engineering and Technology, Lahore

Serial No.02205786



ACADEMIC TRANSCRIPT

Registration No: 2019-MS-MED-23
Student Name: Muhammad Suleman Butt
Father Name: Saleem Pervez
CNIC/Passport: 3740510142797

Session: 2019
Program: M.Sc Mechanical Design Engineering

Campus: Lahore



DOB: 24 April, 1997

Mode of Study: Regular

Page 1 of 1

Course Code	Course Title	CH	Grade	GPs
Fall 2019				
MDE-502	Theory of Plasticity	3.0	C+	6.9
MDE-503	Mechanical Vibration	3.0	B	9.0
MDE-510	Theory of Plates and shells	3.0	B+	9.9
Semester CH: 9.0	Semester GPA: 2.867	CGPA: 2.867	Status: Promoted	
Spring 2020				
MDE-501	Advanced Stress Analysis	3.0	A	12.0
MDE-504	Engineering Analysis	3.0	B+	9.9
MDE-601	Computer Aided Design	3.0	A	12.0
MDE-603	Mechanics of Composite Materials	3.0	A-	11.1
Semester CH: 12.0	Semester GPA: 3.750	CGPA: 3.371	Status: Promoted	
Fall 2020				
MDE-502	Theory of Plasticity	3.0	C (R)	6.0
MDE-513	Research Methodology	3.0	B	9.0
Semester CH: 6.0	Semester GPA: 2.500	CGPA: 3.288	Status: Promoted	
Spring 2021				
MDE-700a	Research Thesis & Oral Examination	6.0	Approved	--
Semester CH: 6.0	Semester GPA: N/A	CGPA: 3.288	Status: Promoted	
Credit Hours Completed		Requirements for Degree	CGPA	Date of Issue
24+6 CH		24+6 CH	3.288	November 17, 2022

Thesis Title: Car Air Intake Duct Design & Manufacturing by Fused Deposition Modeling [Approved on: 19-Sep-2022]

Degree Complete

Admin. Officer (Exams)
for Controller of Examinations

ADMINISTRATIVE OFFICER
(Examinations)
University of Engineering
and Technology, Lahore

UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET), LAHORE, PAKISTAN

History of UET: Established as Maclagan Technical College in March 1923, elevated to Maclagan Engineering College in Feb, 1924, renamed as Punjab Engineering and Technical College in 1931 and again as Government College of Engineering and Technology in 1956. Chartered West Pakistan University of Engineering and Technology by Ordinance No XXV of 1961. This Ordinance was replaced and amended by University of Engineering and Technology Lahore Act of 1974.

Explanation of the Semester System Transcript

1.0 Academic Evaluation System: Until undergraduate and postgraduate (M.Sc/ Masters 16 years) Entry Session 2014 and until M.Sc/ M.Arch (18 years) Entry Session 2015, letter grades and corresponding grade points as shown in Table 1 are used.

Table 1: Letter Grades and Corresponding Grade Points

Grades	A+	A	B+	B	B-	C+	C	C-	D	F	W	WF	I	Df	Tr
GP	4.00	3.70	3.30	3.00	2.70	2.30	2.00	1.70	1.00	0.00	--	--	--	--	--

From undergraduate and postgraduate (M.Sc/ Masters 16 years) Entry Session 2015 and until M.Sc/ M.Arch/ M.Phil (18 years) Entry Session 2016, revised letter grades and corresponding grade points as shown in Table 2 are in use.

Table 2: Revised Letter Grades and Corresponding Grade Points

Grades	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	F	W	WF	I	IP	Df	Tr
GP	4.00	4.00	3.70	3.30	3.00	2.70	2.30	2.00	1.70	1.30	1.00	0.00	--	--	--	--	--	--

Grades without any points assignments are: "W" stands for Withdrawn; "WF" stands for Forced Withdrawal; "I" stands for Incomplete; "IP" stands for In Progress; "DF" stands for Deficit subject in case of transferred students; "Tr" stands for transferred subject.

2.0 Minimum Requirements: The minimum duration of the undergraduate degree programs shall not be less than four academic years in case of Engineering, Technology, Computer Science, City and Regional Planning, Product and Industrial Design, Business Administration and five academic years in case of Architecture. Prior to Session 2008, Building and Architectural Engineering was a five years degree program.

The total minimum credit hours required for the award of B.Sc. and Bachelor's degree is 130 in case of four academic year program and 162 for a five years program.

The total minimum credit hours required for the award of M.Sc/ M.Arch/ M. Phil degree is 30.

The total minimum credit hours required for the award of 16 years equivalent Masters degree of various denominations varies from 60 to 75 after a 14 years equivalent degree.

3.0 Academic Achievement Measure: Students' academic achievement in each semester is reflected by the Semester Grade Point Average (GPA) and the overall performance is reflected by the Cumulative Grade point Average (CGPA). Both out of a maximum of 4.00.

4.0 Subject Repeat Policy: Repeated subjects are shown with a (R) as suffix to the grade earned. In case of repetition of a subject, the new grade earned, whether high or low, replaces the previous grade in computation of CGPA. In case a student earns a "W" or "WF" grade in a subject being repeated, the previous grade earned in that subject will be retained in computation of CGPA and in assessing degree completion requirements.

5.0 Subject Classification: The word (Th) suffixed to a subject name represents Theory and (Pr) represents Practical on the transcript. Some subjects may not be suffixed implying Theory only. In some cases, the subject number with a suffix "L" would represent practical of the subject having the number without this suffix.

6.0 Bachelor's and 16 years Masters Degree Qualification Requirements: A minimum CGPA of 2.0 is required for the award of degree in the prescribed subject with no outstanding subject with a "W" grade and / or "F" grade.

7.0 M.Sc/ M. Phil/ M. Arch Degree Qualification Requirements: A minimum of 30 credit hours with a CGPA of at least 2.5. This may comprise of 24 credit hours of course work and 6 credit hours of thesis. Or, 30 credit hours of course work with a non-credit design project.

8.0 CGPA and Percentage Equivalence: CGPA and Percentage systems are two different systems of assessment and no equivalence as such can be specified. In CGPA system, grades reflect relative position of the student in the class whereas Percentage system is an absolute grading system reflecting actual marks earned in the examination.

9.0 Language of Instruction: The language of instruction at the University is English.

Address:

Controller of Examinations, University of Engineering and Technology, G.T. Road, Lahore 54890, Pakistan
www.uet.edu.pk E-mail: examination@uet.edu.pk Ph: 00 92 42 99029235 Fax: 00 92 42 9925 0202

Serial No. 2016 / 043716

الرقم المسلسل



رقم التسجيل 535-FET/BSME/F15

INTERNATIONAL ISLAMIC UNIVERSITY

Islamabad - Pakistan



الجامعة الإسلامية العالمية

إسلام آباد - باكستان

MUHAMMAD SULEMAN BUTT

محمد سليمان بٹ

This is to certify that

SALEEM PERVEZ

سليم پرويز

son/daughter of

on having fulfilled the prescribed requirements in the examination

June 2019

held in is awarded the degree of

BS in Mechanical Engineering

بكالوريوس العلوم في الهندسة الميكانيكية

He/She has secured Cumulative Grade Point Average

3.18

of out of 4.0

ونال/و نالت درجة تراكمية قدرها

٣.١٨

نقطة من ٤ نقاط

We pray Allah to guide him/her to serve Islam and Knowledge.

نسأل الله أن يوفقها لخدمة الإسلام والعلم-



مدير الشؤون الأكاديمية
Director (Academics)

رئيس الجامعة
President

نائب رئيس الجامعة للشؤون الأكاديمية
Vice President (Academics)

صدرت في اسلام آباد بتاريخ August 28, 2019

International Islamic University, Islamabad (IIUI), Pakistan was established through ordinance No. xxx of 1985 promulgated by the President of Islamic Republic of Pakistan as a public sector university. President of Islamic Republic of Pakistan is Chancellor of the university.



[Signature]

Prepared by

[Signature]

Checked by



INTERNATIONAL ISLAMIC UNIVERSITY

P.O. Box 1243, Sector H-10, Islamabad-Pakistan

Tel: +92-51-9257997, 9258029, 9257952 Fax: +92-51-9257915 E-mail: exams@iiu.edu.pk

TRANSCRIPT

Serial No. 029707

Registration No: 535-FET/BSME/F15
Student's Name: **MUHAMMAD SULEMAN BUTT**
Father's Name: **SALEEM PERVEZ**
Faculty: **Engineering & Technology**
Programme: **"BS in Mechanical Engineering"**

Roll No: **535**

Registered in: **September 2015**
Completed in: **June 2019**



Code	Course Title	Cr. Hrs	Grade	Code	Course Title	Cr Hrs	Grade
Credit Courses							
CS-101	Computer Systems and Programming	2	B	CS-101L	Computer Systems and Programming-Lab	1	B
EE-101	Electrical Engineering	2	B	EE-101L	Electrical Engineering-Lab	1	A
EE-201	Electronics Engineering	2	A	EE-201L	Electronics Engineering-Lab	1	A
EN-101	Functional English	2	C	EN-201	Communication Skills & Report Writing	2	B
GR-101	Arabic for Understanding Quran-I	2	A	GR-102	Arabic for Understanding Quran-II	2	A
GR-201	Pakistan Studies	2	B+	GR-202	Islamic Studies/Ethics	2	B
GR-301	Ethical and Legal Dimensions for Engineers	2	A	GS-101	Math-I Calculus and Analytical Geometry	3	C+
GS-102	Applied Physics	2	B+	GS-102L	Applied Physics-Lab	1	B
GS-103	Applied Chemistry	2	C+	GS-104	Math-II (Linear Algebra&Ordinary Differ. Equations)	3	A
GS-201	Statistics and Probability for Engineer	2	A	GS-301	Applied Math-III Vector Calculus and PDEs	3	A
GS-302	Applied Math-IV (Complex Variable Tech.& F.T)	3	B+	GS-401	Numerical Analysis & Computation	2	A
GS-401L	Numerical Analysis & Computation-Lab	1	A	ME-111	Engineering Drawing and Graphics	2	C+
ME-111L	Engineering Drawing and Graphics-Lab	1	C	ME-112L	Workshop Practices-Lab	2	A
ME-113	Engineering Mechanics-I : Statics	3	B	ME-113L	Engineering Mechanics-I : Statics-Lab	1	B+
ME-121	Thermodynamics-I	3	B+	ME-211	Engineering Mechanics-II Dynamics	3	C
ME-211L	Engineering Mechanics-II Dynamics-Lab	1	B	ME-212	Mechanics of Materials-I	3	A
ME-213	Engineering Materials	3	B+	ME-215	Mechanics of Materials-II	3	C-
ME-215L	Mechanics of Materials-II Lab	1	B+	ME-221	Thermodynamics-II	3	C-
ME-221L	Thermodynamics-II-Lab	1	A	ME-222	Fluid Mechanics-I	3	C-
ME-223	Fluid Mechanics-II	3	B	ME-223L	Fluid Mechanics-II-Lab	1	B+
ME-311	Machine Design and CAD-I	2	C+	ME-311L	Machine Design and CAD-I-Lab	1	A
ME-312	Mechanics of Machines	3	A	ME-312L	Mechanics of Machines-Lab	1	A
ME-313	Manufacturing Processes	3	C+	ME-313L	Manufacturing Processes-Lab	1	A
ME-314	Introduction to Mechatronics	2	C	ME-314L	Introduction to Mechatronics-Lab	1	B
ME-315	Machine Design and CAD-II	2	B	ME-315L	Machine Design and CAD-II-Lab	1	B
ME-316	Control Engineering & Instrumentation	2	A	ME-316L	Control Engineering & Instrumentation-Lab	1	B+
ME-321	Heat & Mass Transfer	3	C+	ME-321L	Heat & Mass Transfer-Lab	1	B+
ME-411	Mechanical Vibrations	3	C+	ME-411L	Mechanical Vibrations-Lab	1	B+
ME-413	Maintenance Engineering	3	C+	ME-417	Production Engineering	2	C-
ME-417L	Production Engineering-Lab	1	B	ME-421	IC Engines	2	C+
ME-421L	IC Engines-Lab	1	B+	ME-422	Refrigeration and Air Conditioning	2	C+
ME-422L	Refrigeration and Air Conditioning-Lab	1	B	ME-429	Power Plant	2	C+
ME-429L	Power Plant-Lab	1	B	ME-499A	Project	3	A
ME-499B	Project-B	3	A	MS-301	Engineering Management and Economics	2	C+
MS-404	Total Quality Management	3	B+				

Total Credit Hours: **136**

Cumulative G.P.A: **3.18/4.00**

Percentage of Marks: **74.33**

Addl. Director (Examinations)

Issued on: August 8, 2019

Head of Examinations

KEY TO LETTER GRADES

80% and above A	75-79.99% B+	70-74.99% B	65-69.99% C+	60-64.99% C	55-59.99% D+	50-54.99% D	Below 50% F
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Errors and Omissions Excepted

(Computer Generated Transcript)

020720



Prepared by:

H. L. 1

Checked by:

[Signature]

[Signature]

Muhammad Jamshed Shakir
Assistant Director
International Islamic University
H-10, Islamabad

FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, ISLAMABAD
HIGHER SECONDARY SCHOOL CERTIFICATE (HSSC) EXAMINATION

Roll No. 544299
 Group. PRE-ENGINEERING
 Registration No. 1523030067
 Certificate No. 720401

RESULT CARD
ANNUAL EXAMINATION 2015



MUHAMMAD SULEMAN BUTT

S / D of **SALEEM PERVEZ**

of (Institution) Sir Syed Science College for Boys, Tipu Road, Rawalpindi.

_____ has secured the marks shown against each
 subject in the Higher Secondary School Certificate (HSSC) Examination held in the month(s) of April - June

Mark of Identification : _____

	Subject(s)	Subj. Max. Marks	MARKS OBTAINED							Pass / Fail	Remarks
			HSSC-I			HSSC-II			P-I & II Total		
			Th.	Pr.	Total	Th.	Pr.	Total			
1	ENGLISH COMPULSORY	200	055		055	062		062	117	PASS	
2	URDU COMPULSORY	200	066		066	047		047	113	PASS	
3	ISLAMIC EDUCATION	050	042		042				042	PASS	
4	PAKISTAN STUDIES	050				041		041	041	PASS	
5	MATHEMATICS	200	095		095	075		075	170	PASS	
6	PHYSICS	200	041	015	056	051	015	066	122	PASS	
7	CHEMISTRY	200	038	014	052	042	011	053	105	PASS	

Total Marks obtained **710 / 1100** (Seven Hundred Ten Only out of Eleven Hundred)

The Candidate has Passed and awarded Grade **B**

Islamabad Dated August 13, 2015

Note : Errors / Omissions excepted



CONTROLLER OF EXAMINATIONS

SSC No:- 899212

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

C.No. 257441/1367793



Board of Intermediate and Secondary Education, Rawalpindi

SECONDARY SCHOOL CERTIFICATE EXAMINATION
ANNUAL 2013



Certified that MUHAMMAD SULEMAN BUTT
 Son/Daughter of SALEEM PERVEZ whose particulars
 are given below has passed the Secondary School Certificate Examination
 held in the month of MAR-APR.2013 Roll No 870961 Securing 850
 Marks (EIGHT HUNDRED FIFTY) Grade awarded A+
 Registration No. 11867030008 Group of Subjects SCIENCE
 As a whole / In Parts AS A WHOLE Regular / Private REGULAR
 District/Institution IQRA HUFFAZ SECONDARY SCHOOL FOR BOYS 4/B
SECTOR KHAYABAN E SIR SYED, RAWALPINDI
 Date of birth (in figures) 24-04-1997 (in words) 24th Apr
ONE THOUSAND NINE HUNDRED NINETY-SEVEN

SUBJECT - WISE DETAIL OF MARKS OBTAINED

S.NO	NAME OF THE SUBJECT	MAXIMUM	OBTAINED
1	ENGLISH (COMPULSORY)	150	123
2	URDU (COMPULSORY)	150	110
3	PAKISTAN STUDIES (COMPULSORY)	075	061
4	ISLAMIYAT (COMPULSORY)	075	056
5	MATHEMATICS (COMPULSORY)	150	142
6	PHYSICS	150	115
7	CHEMISTRY	150	120
8	COMPUTER SCIENCE	150	123
TOTAL		1050	850

INTERNAL GRADE : B



Lana Javed

Rawalpindi, dated: NOVEMBER 1, 2016

SECRETARY

Note:- This certificate is issued without alteration/erasure.

519888

GRADATION

A+	80% Marks and above	Distinction
A.	70% and above but below 80%	Excellent
B.	60% and above but below 70%	Very Good
C.	50% and above but below 60%	Good
D.	40% and above but below 50%	Fair
E.	Less than 40% to minimum Pass Marks	Satisfactory

PREPARED BY



NAME

Qazi Muhammad Rafique

CHECKED BY



NAME

**MUHAMMAD
AFZAL**
SHAH (HASHMI)
Superintendent
Board of Intermediate & Sec Education
Rawalpindi