

# Punjab Engineering College, Chandigarh (Deemed to be University)

PEC/DAA/903  
Dated: 01.07.2020

**Provisional Degree/ Character / No Objection Cum Migration/  
Medium of Instructions Certificate**

Certified that Mr. SHIVAM PRATAP SHAH S/o Sh. DHIRENDRA PRATAP SHAH and Smt. AMRITA SHAH, SID 16107097 was a bonafide student of B.Tech. Mechanical Engineering of Punjab Engineering College (Deemed to be University), Chandigarh during the years 2016-2020. He has **cleared all his examinations up to 8<sup>th</sup> semester** by securing CGPA of 6.2 on a ten point scale. The **medium of instructions and evaluation** has been **English** throughout the programme. Further, Punjab Engineering College (Deemed to be University) has **no objection** to his **continuing studies** at another **university/institute**.

He bears a **good moral character**.

*(Redi's Pany)*  
**Asstt. Registrar Academics**

Asstt. Registrar  
Asstt. Registrar  
(Acad.)  
Punjab Engineering College  
(Deemed to be University)  
Chandigarh

(A Deemed University under Section 3 of UGC Act, 1956)

formerly PEC University of Technology, Chandigarh  
Sector 12, Chandigarh - 160 012, India  
Phone : 91-172-2753055 Fax : 91-172-2748197





# PUNJAB ENGINEERING COLLEGE, CHANDIGARH

(Deemed to be University)

(Formerly PEC University of Technology)

## Transcript of Academic Record for Bachelor of Technology

Student ID: 16107097

Student's Name: SHIVAM PRATAP SHAH

Department: MECHANICAL ENGINEERING

Father's Name: DHIRENDRA PRATAP SHAH

Mother's Name: AMRITA SHAH

Year of Admission: 2016

### Semester: 16171

Course ID	Course Name	Credits	Grade
GSN101	INTRODUCTION TO ENVIRONMENTAL SCIENCES	4	C
HSS101	ETHICS & SELF AWARENESS	2	A
MAN101	MATHEMATICS-I	4	C
MEN101	INTRODUCTION TO MECHANICAL ENGINEERING	2	B+
PYN105	MECHANICS	4	C

SGPA: 5.9 Credits Earned: 16 Honours Credits: 0  
CGPA: 5.9 Credits Earned: 16 Honours Credits: 0

### Semester: 16172

Course ID	Course Name	Credits	Grade
CHN101	APPLIED CHEMISTRY	4	C
CSN104	COMPUTER PROGRAMMING BASIC	4	C
HSS102	COMMUNICATION SKILLS BASIC	2	B
MAN106	PARTIAL DIFFERENTIAL EQUATION & SPECIAL FUNCTIONS	4	C
MEN102	ELEMENTS OF MANUFACTURING PROCESSES	4	B+
MEN103	ENGINEERING AND MACHINE DRAWING	4	B+
PDN101	PHYSICAL EDUCATION	2	A+

SGPA: 6.6 Credits Earned: 24 Honours Credits: 0  
CGPA: 6.3 Credits Earned: 40 Honours Credits: 0

### Semester: 17181

Course ID	Course Name	Credits	Grade
ESC203	MATERIAL SCIENCE	4	D
ESC206	BASICS OF ELECTRICAL SCIENCES	4	C
HSS201	ECONOMICS	3	C
MEN201	ELEMENT OF THERMODYNAMICS	4	C
MEN202	KINEMATICS OF MACHINE	4	D
MEN203	MANUFACTURING PROCESS	4	C+
MEN204	STRENGTH OF MATERIALS & BASIC CONCEPTS OF DESIGN	4	C

SGPA: 4.9 Credits Earned: 27 Honours Credits: 0  
CGPA: 5.7 Credits Earned: 67 Honours Credits: 0

### Semester: 17182

Course ID	Course Name	Credits	Grade
ESC102	FLUID MECHANICS	4	D
MEN205	TECHNICAL COMMUNICATION	2	B+
MEN206	ENGINEERING ANALYSIS & DESIGN	4	C
MEN207	DYNAMICS OF MACHINES	4	C
MEN208	MECHANICS OF MATERIALS	4	F
MEN209	APPLIED THERMODYNAMICS	4	C
MEN210	REFRIGERATION & AIR CONDITIONING	4	B
MEN221	EDUCATIONAL TOUR	0	S

SGPA: 4.6 Credits Earned: 22 Honours Credits: 0  
CGPA: 5.4 Credits Earned: 89 Honours Credits: 0

### Semester: 18191

Course ID	Course Name	Credits	Grade
MEN301	PRODUCTION ENGINEERING	4	C
MEN302	HEAT TRANSFER	4	C
MEN303	DESIGN OF MECHANICAL SYSTEM	4	C
MEN304	MECHANICAL VIBRATION	4	C
MEN305	CADD & M	4	C+
MEN321	MINOR PROJECT	4	A+

SGPA: 6 Credits Earned: 24 Honours Credits: 0  
CGPA: 5.5 Credits Earned: 113 Honours Credits: 0

### Semester: 18192

Course ID	Course Name	Credits	Grade
MEN331	INTERNSHIP- INDUSTRIAL COORDINATOR-I	6	A+
MEN332	INTERNSHIP- INDUSTRIAL COORDINATOR-II	6	A+
MEN333	INTERNSHIP- FACULTY COORDINATOR-I	2	A+
MEN334	INTERNSHIP- FACULTY COORDINATOR-II	2	A+
MEN335	INTERNSHIP-FINAL REPORT, PRESENTATION & VIVA-VOCE	4	A

SGPA: 9.8 Credits Earned: 20 Honours Credits: 0  
CGPA: 6.2 Credits Earned: 133 Honours Credits: 0

### Semester: 19201

Course ID	Course Name	Credits	Grade
DEC101	DISCIPLINE	2	A+
MEN411	ENERGY CONVERSION	4	C

### Semester: 19202

Course ID	Course Name	Credits	Grade
HSM402	BUSINESS ENVIRONMENT AND BUSINESS LAWS	3	Y
MEN208	MECHANICS OF MATERIALS	4	Y



MEN416	MECHANICAL MEASUREMENT & METROLOGY (ELECT-II)	4	C+
MEN441	CAPSTONE PROJECT	2	B+
MTN464	ENGINEERING MATERIALS & SELECTION (OE)	4	D
PRO306	SOCIETY OF AUTOMATIVE ENGINEERS	2	A

SGPA: 6.3 Credits Earned: 18 Honours Credits: 0  
CGPA: 6.2 Credits Earned: 151 Honours Credits: 0

MEN401	PRODUCTION & OPERATION MANAGEMENT	4	Y
MEN451	MAJOR PROJECT	6	Y

SGPA: 0 Credits Earned: 17 Honours Credits: 0  
CGPA: 6.2 Credits Earned: 168 Honours Credits: 0

The student has completed the programme.

*Kamaly*

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FOR CONTROLLER OF EXAMINATION

Place: Chandigarh, India

Date: Wednesday, June 17, 2020

1. The medium of instruction has been ENGLISH throughout.

2. In the semester code, the first four digits signify the academic session while the last digit stands for the semester. For example, semester 11121 signifies first semester of session 2011-12.

3. System of Grading

i. The performance of a student in a course is reported in terms of the following grades and grade points:

Letter Grade	Performance	Grade Points
A+	Outstanding	10
A	Excellent	9
B+	Very Good	8
B	Good	7
C+	Average	6
C	Below Average	5
D	Poor	4
S	Satisfactory	-
Y	Satisfactory (Covid-19 semester)	-
F	Fail	-
I	Incomplete	-
N	Not Eligible	-

ii. The performance of a particular semester is expressed in terms of the Semester Grade Point Average (SGPA) while the overall performance is given in terms of Cumulative Grade Point Average (CGPA), of all semesters.

iii. The university does not have a system of ranking students.

iv. A CGPA of 6.0 or higher is considered to be first division (greater than 60% marks).

v. Due to COVID-19, SGPA of 8th semester be considered equivalent to CGPA upto 7th semester.