GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

NR.VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE NR.VISAT THREE ROADS, VISAT - GANDHINAGAR HIGHWAY CHANDKHEDA, AHMEDABAD – 382424 - GUJARAT (INDIA).

TRANSCRIPT (BACHELOR OF ENGINEERING)

Token No: 050920151716-91T

ENROLL NO : 160750119055
NAME : Nilotpaul Saha
COLLEGE : SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY, UNAVA, GANDHINAGAR (075)
COURSE : MECHANICAL ENGINEERING

ADMISSION TYPE : Regular

CODE	SUBJECT NAME	TH	PT	CR	GR	EXAM	CODE	SUBJECT NAME	TH	PT	CR	GR	EXAM
SEM : 1							**TRIAL : 2**					**SPI : 3.23**	
2110003	Computer Programming and Utilization	3	3	6	CC	S2017	2110004	Elements of Civil Engineering	4	2	6	CC	S2017
2110006	Elements of Mechanical Engineering	4	2	6	CC	W2016	2110007	Environmental Studies	3	0	3	BC	W2016
2110012	Workshop	0	4	4	AA	W2016	2110014	Calculus	3	2	5	CC	S2017
SEM : 2							**TRIAL : 3**					**SPI : 3.87**	
2110002	Communication Skills	2	2	4	CC	S2017	2110005	Elements of Electrical Engineering	4	2	6	CD	S2018
2110011	Physics	3	2	5	CC	S2017	2110013	Engineering Graphics	2	4	6	CD	S2017
2110015	Vector Calculus & Linear Algebra	3	2	5	CC	W2017	2990001	Contributor Personality Development	4	0	4	BB	S2017
SEM : 3							**TRIAL : 4**					**SPI : 2.33**	
2130002	Advanced Engineering Mathematics	3	0	5	CD	S2018	2130003	Mechanics of Solids	4	2	6	CC	S2019
2130005	Design Engineering - I A	0	3	3	AB	W2017	2131903	Manufacturing Process-1	3	2	5	CD	W2017
2131904	Material Science and Metallurgy	3	2	5	CD	W2017	2131905	Engineering Thermodynamics	4	0	5	CC	W2018
2131906	Kinematics of Machines	3	0	4	CC	S2019							
SEM : 4							**TRIAL : 4**					**SPI : 2.12**	
2140002	Design Engineering - I B	0	3	3	BB	S2018	2140003	Engineering Economics and Management	3	0	3	BC	S2018
2141901	Mechanical Measurement & Metrology	3	2	5	CD	S2018	2141905	Complex Variables and Numerical Methods	3	0	5	CD	W2019
2141906	Fluid Mechanics	4	2	6	CD	W2018	2141907	Machine Design & Industrial Drafting	4	2	6	CD	W2018
2141908	Manufacturing Processes -II	3	2	5	CD	W2018							
SEM : 5							**TRIAL : 4**					**SPI : 2.81**	
2150001	Design Engineering - II A	0	3	3	AB	W2018	2150002	Institute Elective - Cyber Security	0	2	3	AA	W2018
2151902	Theory of Machines	3	2	5	CC	S2019	2151903	Fluid Power Engineering	3	2	5	CC	S2020
2151907	Design of Machine Elements	3	2	5	CC	W2018	2151908	Control Engineering	3	2	5	CD	W2019
2151909	Heat Transfer	3	2	5	CD	W2019							
SEM : 6							**TRIAL : 3**					**SPI : 4.15**	
2160001	Design Engineering - II B	0	3	3	AB	S2019	2161901	Dynamics of Machinery	3	2	5	CC	S2020
2161902	Internal Combustion Engines	3	2	5	DD	S2019	2161903	Computer Aided Design	3	2	5	CC	S2020
2161907	Industrial Engineering	3	2	5	BC	S2019	2161908	Refrigeration and Air Conditioning	3	2	5	CD	S2019
2161909	Production Technology	3	2	5	CC	S2019							
SEM : 7							**TRIAL : 2**					**SPI : 4.13**	
2170001	Project - I	0	4	4	BC	W2019	2171901	Operation Research	3	0	5	CC	S2020
2171903	Computer Aided Manufacturing	3	2	5	CC	W2019	2171909	Machine Design	3	0	5	CC	S2020
2171910	Power Plant Engineering	4	2	6	CC	W2019	2171913	Metal Forming Analysis	3	2	5	CC	W2019
SEM : 8							**TRIAL : 1**					**SPI : 9.36**	
2181909	Project – II	0	16	16	AB	S2020	2181910	Renewable Energy Engineering	4	0	4	AA	S2020
2181923	Enterpreneurship	3	0	5	AA	S2020							

THIS IS TO CERTIFY THAT **Nilotpaul Saha** HAS CLEARED HIS/HER (BACHELOR OF ENGINEERING) IN BRANCH MECHANICAL ENGINEERING WITH CGPA OF **6.82** in Sep-2020 .

REGISTRAR

SYSTEM OF EVALUATION AND AWARD OF DEGREE (BE / B.PHARM)

1. • On the basis of his/her performance in examinations, assignments, practical exam (if any) student is awarded a grade. These grades are described by the letters AA, AB, BB etc. and have a numerical equivalent called the grade point as given below:

GRADE	AA	AB	BB	BC	CC	CD	DD	FF
POINTS	10	09	08	07	06	05	04	00

   • The medium of Instruction is English.-
   • The grade FF is taken into consideration while calculating SPI & CPI, however, these will be replaced only after the clearance of the subject with the passing grade.

2. The performance of the student in a semester is indicated by a number called the Semester Performance Index (SPI). The SPI is the weighted average of the grade points obtained in all the subjects taken by the student during the semester.

   Example: Suppose in a given semester a student has taken subjects having credits C1, C2, C3, C4, C5 ..... And the numerical equivalent of grades obtained in those subjects are G1,G2,G3,G4,G5...... respectively.

   Then his/ her SPI will be calculated (after re-examination, if any) up to two decimal places on the basis of the final grades.

   An up-to-date assessment from the time the student entered the course is obtained by calculating Cumulative Performance index (CPI). The CPI is the weighted average of the grade points obtained in all the subjects taken by the student since he/she entered the course. It is calculated in the same manner as the SPI. The CGPA is the weighted average of the grade points obtained in all the subjects in the last four semester of the course.

3. Backlog indicates failure in respective subjects. For continuation of study maximum 4 backlogs are permitted, excluding backlog in immediate previous semester.

4. **Abbreviations:**

   *E: External Exam *M: test/Quizzes/mid terms and /or assignments etc. conducted by college.
   *I: Internal   *V: Viva/Practical   #: Absent   Y: Yes
   RG_NO: Regular exam held in Year   RM_NO: Remedial exam held in Year
   CR: Credit Earn for subject   GR: Grade based on performance
   TH: Theory hours per week   PT: Practical hours per week and/or Tutorial hours per week.
   EXAM: Examinations held by university
   WI_NO: Winter examinations held in year (Odd semester Regular/Even semester Remedial)
   SU_NO: Summer examination held in year (Even semester Regular/Odd semester Remedial)
   ADMISSION: Regular: 12th science passed entry at 1st year
              D2D: Diploma holder of relevant branch, lateral entry at 2nd year (3rd semester of degree course)

5. An equation to find equivalency between CPI/CGPA may be obtained as follow:
   Percentage Marks = (CPI/CGPA — 0.5) x 10.
   CPI/CGPA Equivalent Class shall be as follow:

CPI/CGPA	Below 5.5	5.5 & above	6.5 & above	7.1 & above
CLASS	Pass class	Second class	First class	First class with distinction

6. • For all courses, where the duration of the course is more than 2 years, the degree shall be awarded to the students on the basis of CGPA (Cumulative Grade Point Average) of the last four semester's performance in the exams.

   • In case of the courses where duration is of two years, the degree shall be conferred to students based upon CPI (Cumulative Performance Index) considering all the four semesters performance.

7. For B.pharm semester 7 and 8, 1.5 Hours of practical teaching is equivalent to 1 credit.