

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJASTHAN) INDIA
TRANSCRIPT

ID NO 2017H1420189P

NAME LOKESH KUMAR PATEL

Degree(s) Completed:
M.E. (Manufacturing Systems Engineering)

CGPA : 9.93

		COURSE NO	COURSE TITLE	UNITS	GRADE	
FIRST SEMESTER 2017-2018	BITS	F431	FLEXIBLE MANUFAC SYST	4	A	
	BITS	F437	TECHNICAL COMMUNICATION	3	A	EL
	ME	F443	QUALI CONTRO ASSUR & REL	3	A	
	ME	G511	MECHANISMS & ROBOTICS	5	A	
	ME	G538	TOYOTA PRODUCTION SYSTEM	5	A-	EL
CGPA... 9.75						
SECOND SEMESTER 2017-2018	BITS	G540	RESEARCH PRACTICE	4	A	
	DE	G522	DESIGN PROJECTS	5	A	EL
	MSE	G511	MECHATRONICS	5	A	EL
	MSE	G512	MANUFACT PLANNING & CONT	4	A	
CGPA... 9.87						
FIRST SEMESTER 2018-2019	BITS	G513	STUDY IN ADVANCED TOPICS	5	A	EL
	DE	G531	PRODUCT DESIGN	5	A	EL
	ITEB	G621	SUPPLY CHAIN MANAGEMENT	4	A	
	MSE	G521	WORLD-CLASS MANUFACTUR	5	A	
CGPA... 9.91						
SECOND SEMESTER 2018-2019	BITS	G629T	DISSERTATION	16	A	
CGPA... 9.93						

SUMMARY

Admitted in: FIRST SEMESTER 2017-2018
To: M.E. (Manufacturing Systems Engineering)
Last Registered: SECOND SEMESTER 2018-2019

Units Used in CGPA: 73
(This includes only courses with letter grades, excluding repetitions)
CGPA : 9.93

Degree(s) Completed:
M.E. (Manufacturing Systems Engineering)

Fulfilled the academic requirements of graduation and became eligible for the award of the degree at the end of SECOND SEMESTER 2018-2019

Note: This programme has been conducted by BITS Pilani at its Pilani Campus, Pilani, India.

Date of approval by the Examination Committee: 20-JUN-2019

Date of Issue: 20-JUN-2019

J. E. Khan
REGISTRAR

Birla Institute of Technology and Science Pilani, (Rajasthan) India

1. This transcript contains complete record of academic performance of the student given in a chronological order. For details the Academic Regulations as well as the Bulletin of the institute should be consulted.
2. The medium of instruction is English.
3. The academic year consists of two semesters and a summer term when required. The courses and the grades along with units are shown against each semester/term in which the student registered.

4. Evaluation:

- (a) The performance in most courses is spelt out in terms of letter grades A, A-, B, B-, C, C-, D, E. Each letter grade has a qualitative meaning and a grade point value as given below:

Letter Grade *	A	A-	B	B-	C	C-	D	E
Qualitative Meaning	Excellent	Very Good	Good	Above Average	Fair/Average	Below Average	Poor	Exposed
Grade Point	10	9	8	7	6	5	4	2

*Note : Among the letter grades mentioned above, the grades A-, B- and C- were introduced with effect from First Semester 2011-2012.

- (b) In some courses, descriptive non-letter grades (Excellent; Good; Fair; Poor; Acceptable; Unacceptable; Satisfactory(S); Unsatisfactory(U); Above Average; Average; Below Average; Outstanding; Very Good; Continuing) are awarded which carry no grade point.

5. CGPA:

The up-to date overall performance is reported by the Cumulative Grade Point Average (CGPA), which is a weighted average calculated as below:

$$CGPA = (u_1g_1 + u_2g_2 + u_3g_3 + \dots) / (u_1 + u_2 + u_3 + \dots)$$

where u_1, u_2, u_3, \dots denote units associated with the courses taken by the student and g_1, g_2, g_3, \dots denote grade points of the letter grades awarded in the respective courses. Whenever a student repeats a course and gets a new letter grade the new grade replaces the earlier grade in the calculation of the CGPA.

6. The other symbols & Reports used in the transcript are:

AU	-	Audit	XR	-	Previous grade 'X' repeated
DP	-	Discontinued from the Programme	RC	-	Registration Cancelled
EL	-	Elective	RRA	-	Required to Register Again
GA	-	Grade Awaited	S	-	Satisfactory
I	-	Incomplete	U	-	Unsatisfactory
NC	-	Not Cleared	W	-	Withdrawn
TGA	-	Thesis Grade Awaited	NA	-	Not Applicable
DEL	-	Discipline Elective	HEL	-	Humanities Elective

7. Optional elective (OE) is not a required component but if it is taken, the letter grade obtained is included in the CGPA. If the student is reported as NC in any one of the courses taken in this category, no further action is necessary.

8. Flexibilities:

The system permits many academic and other flexibilities like : (a) Admission with marginal deficiency. (Additional remedial courses are prescribed, and when necessary programme duration is extended); (b) Admission with advanced standing (The courses for which exemption was given are listed in the transcript; such courses are not included in the CGPA. The CGPA and division, if applicable are awarded on the basis of only courses taken in the institute); (c) Transfer from one programme to another, before the completion of the first. (The accumulated units and CGPA in the previous programme are carried over as the input to the new programme); (d) working concurrently for two degrees out to the integrated first degree programmes (dual degree scheme); The requirements for both the degrees in the dual degree scheme are concurrently met. Consequently, the CGPA and the division awarded for the two degrees would be the same (e) Each programme in the first degree level or higher degree level offers a choice between Practice School and Thesis/Dissertation streams.

9. Academic Counselling :

- (a) The educational philosophy interlinks and at the same time distinguishes between the performance of a student in a single course and his overall cumulative performance. His progress and performance is monitored at the end of every semester/term by noting whether (i) he has secured more than one E grade in that semester/terms; (ii) he has obtained a CGPA less than 4.50 in case of integrated first degree programme and less than 5.50 in case of higher degree programme upto that semester/term; (iii) he has spent more than 50% extra time than what is prescribed for him up to that semester/terms in his programme.
- (b) Whenever a student's performance comes under the clauses (i), (ii) or (iii) in (a) above, the student comes under the purview of Academic Counselling Board (ACB) which would counsel him, temporarily restrict his options, may require him to transfer to another suitable programme or leave the institute if he is unable to meet the probationary conditions laid down by it.

10. Eligibility Requirements :

A student has to obtain a minimum CGPA of 4.50 in case of integrated first degree programmes, a minimum CGPA of 5.50 in case of higher degree programmes and a minimum CGPA of 5.50 wherever applicable, in case of Ph.D. programmes to be eligible for the degree.

11. A long gap between the last semester of registration and the semester in which the student becomes eligible for the degree, may be due to delayed award of a grade because of late submission of some components of evaluation in a course/dissertation/thesis by the student.

12. Division : It is a classification based on CGPA as follows :

Distinction	:	CGPA 9.00 or more
I Division	:	CGPA 7.00 or more but less than 9.00
II Division	:	CGPA 4.50 or more but less than 7.00

(No division is awarded for diploma, higher degrees or Ph.D. programmes)