



# Birla Institute of Technology & Science, Pilani

Pilani | Dubai | Goa | Hyderabad

## TRANSCRIPT

ID NO 2018A4PS0047G

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NAME DEVEN PAUL

Degree(s) Completed:

B.E. (Mechanical) (with Practice School)

CGPA : 7.49 Division : FIRST

	COURSE NO	COURSE TITLE	UNITS	GRADE
FIRST SEMESTER 2018-2019	BIO F111	GENERAL BIOLOGY	3	B-
	BITS F110	ENGINEERING GRAPHICS	2	C
	CHEM F110	CHEMISTRY LABORATORY	1	B-
	CHEM F111	GENERAL CHEMISTRY	3	C
	MATH F111	MATHEMATICS-I	3	C
	MATH F113	PROBABILITY & STATISTICS	3	C-
	PHY F110	PHYSICS LABORATORY	1	C

CGPA... 6.06

SECOND SEMESTER 2018-2019	BIO F110	BIOLOGICAL LABORATORY	1	B-
	BITS F111	THERMODYNAMICS	3	C-
	BITS F112	TECH REPORT WRITING	2	B-
	CS F111	COMPUTER PROGRAMMING	4	C
	EEE F111	ELECTRICAL SCIENCES	3	C
	MATH F112	MATHEMATICS-II	3	C-
	ME F110	WORKSHOP PRACTICE	2	C
	PHY F111	MECH OSCIL & WAVES	3	D

CGPA... 5.78

FIRST SEMESTER 2019-2020	BITS F225	ENVIRONMENTAL STUDIES	3	GOOD	
	HSS F237	CONTEMPORARY INDIAN ENGLISH FI	3	B	EL
	MATH F211	MATHEMATICS III	3	C	
	ME F211	MECHANICS OF SOLIDS	3	C-	
	ME F212	FLUID MECHANICS	3	C	
	ME F213	MATERIALS SCIENCE & ENGG	2	C	
	ME F214	APPLIED THERMODYNAMICS	3	C-	
	ME F243	PRODUCTION TECHNIQUES I	3	C	

CGPA... 5.86



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		COURSE NO	COURSE TITLE	UNITS	GRADE	
SECOND SEMESTER 2019-2020	BITS	F316	NONLINEAR DYNA & CHAOS	3	A-	EL
	ECON	F211	PRINCIPLES OF ECONOMICS	3	C-	
	GER	N101T	BEGINNING GERMAN	3	S	EL
	GS	F211	MOD POLITICAL CONCEPTS	3	B	HEL
	ME	F215	MECHANICAL ENGG LAB	2	A	
	ME	F241	MACHINE DESIGN & DRAWING	4	D	
	ME	F242	IC ENGINES	2	C	
	ME	F244	KIN & DYN OF MACHINES	3	B-	
				CGPA... 6.09		
SUMMER TERM 2019-2020	BITS	F221	PRACTICE SCHOOL I	5	A	
					CGPA... 6.33	
FIRST SEMESTER 2020-2021	BITS	F315	INTRODUCTION TO COGNITIVE NEUR	3	A-	EL
	HSS	F236	SYMBOLIC LOGIC	3	B	HEL
	ME	F311	HEAT TRANSFER	4	A-	
	ME	F312	ADV MECHANICS OF SOLIDS	3	A	
	ME	F342	COMPUTER AIDED DESIGN	4	B	
	ME	F366	LABORATORY PROJECT	3	A-	EL
	ME	F483	WIND ENERGY	3	A-	DEL
				CGPA... 6.88		
SECOND SEMESTER 2020-2021	ECON	F212	FUNDA OF FIN AND ACCOUNT	3	W	
	ME	F313	PRODUCTION TECHNIQUES II	4	CLR	
	ME	F341	PRIMEMOVERS & FLUID MACH	3	CLR	
	ME	F343	MECHANICAL VIBRATIONS	3	CLR	
	ME	F344	ENGINEERING OPTIMIZATION	2	CLR	
	ME	F376	DESIGN PROJECT	3	A	EL
	PHY	F215	INTRO TO ASTRO & ASTROPH	3	CLR	EL
				CGPA... 6.96		



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NAME DEVEN PAUL

	COURSE NO	COURSE TITLE	UNITS	GRADE
FIRST SEMESTER 2021-2022	BITS F412	PRACTICE SCHOOL II	20	A
CGPA... 7.44				
SECOND SEMESTER 2021-2022	HSS F371	CITIES-LIFE ISSUES & CONFLICTS	3	B- HEL
	ME F266	STUDY PROJECT	3	A DEL
	ME F443	QUALI CONTRO ASSUR & REL	3	C- DEL
	ME F491	SPECIAL PROJECTS	3	A DEL
CGPA... 7.49				



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ID NO 2018A4PS0047G

NAME DEVEN PAUL

## SUMMARY

Admitted in: FIRST SEMESTER 2018-2019  
To: B.E. (Mechanical) (with Practice School)  
Last Registered: SECOND SEMESTER 2021-2022

Units Used in CGPA: 140  
(This includes only courses with letter grades, excluding repetitions)

CGPA : 7.49

\*Non-Letter Grade 'CLR' indicates that the course is cleared to fulfill graduation requirements. This grade was not used to compute CGPA and was awarded on meeting the minimum criteria set for clearing the said course. This was a one-time provision in view of the COVID-19 pandemic crisis.

Degree(s) Completed:  
B.E. (Mechanical) (with Practice School)  
Division: FIRST

Fulfilled the academic requirements of graduation and became eligible for the award of the degree at the end of SECOND SEMESTER 2021-2022

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

Date of approval by the Examination Committee: 09-JUL-2022

Date of Issue: 09-JUL-2022

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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)





**Birla Institute of Technology & Science, Pilani**  
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**PROVISIONAL CERTIFICATE**

*This is to certify that **DEVEN PAUL** (ID NO.: **2018A4PS0047G**) has fulfilled the requirements of graduation and has become eligible for the award of the degree **B.E.(Mechanical) (with Practice School)** at the end of **SECOND SEMESTER 2021-2022** and has been placed in **FIRST DIVISION**.*

Date: 09-Jul-2022

Place: **PILANI**

**REGISTRAR**



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