



# MANIPAL INSTITUTE OF TECHNOLOGY

## MANIPAL

(A constituent unit of MAHE, Manipal)

Manipal – 576 104, Karnataka, INDIA Ph.: 91 820 2925911 / 2925912 Fax: 91 820 2571071 Email: academic.section@manipal.edu

Sl. No.: **022213**  
Ref.: **1274122**

### OFFICIAL TRANSCRIPT

(From College Records)

Name : VIKRAAM T S

Date : 1 Jun 2022

Reg No. : 180937108

Year of Admission : July 2018

Degree : Bachelor of Technology (B.Tech.)  
Media Technology

Year of Completion : June 2022 (Expected)

FIRST SEMESTER			
Subject	Subject Title	Credit(s)	Grade
CIE 1051	MECHANICS OF SOLIDS	3	E
ECE 1051	BASIC ELECTRONICS	3	E
HUM 1051	COMMUNICATION SKILLS IN ENGLISH	2	E
MAT 1151	ENGINEERING MATHEMATICS - I	4	E
MME 1051	BASIC MECHANICAL ENGINEERING	3	E
MME 1061	WORKSHOP PRACTICE	1	C
MME 1161	ENGINEERING GRAPHICS - I	2	E
PHY 1061	ENGINEERING PHYSICS LAB	1	D
PHY 1051	ENGINEERING PHYSICS	3	A
Credit Earned : 22		GPA : 5.68	

THIRD SEMESTER			
Subject	Subject Title	Credit(s)	Grade
MAT 2156	ENGINEERING MATHEMATICS - III	3	C
MED 2151	AUDIO VIDEO STUDIOS	3	B
MED 2152	DIGITAL GRAPHIC DESIGN	4	C
MED 2153	ELECTRONIC MEDIA	3	C
MED 2154	MATERIAL SCIENCE	4	B
MED 2155	OFFSET TECHNOLOGY	4	A
MED 2161	DIGITAL GRAPHIC DESIGN LAB	2	C
MED 2162	MATERIAL QUALITY ANALYSIS LAB	1	B
Credit Earned : 24		GPA : 7.67	

FIFTH SEMESTER			
Subject	Subject Title	Credit(s)	Grade
ECE 4092	VIDEO CODECS AND STANDARDS	3	C
HUM 3052	ESSENTIALS OF MANAGEMENT	3	C
MED 3151	COLOR SCIENCE AND TECHNOLOGY	4	C
MED 3152	INDUSTRIAL BOOK BINDING AND PRINT FINISHING	4	D
MED 3153	SOUND ENGINEERING	4	A
MED 3161	COLOR ANALYSIS LAB	2	A
MED 3162	SOUND ENGINEERING LAB	1	A+
ELE 4302	INTRODUCTION TO LIGHTING DESIGN	3	B
Credit Earned : 24		GPA : 7.52	

SEVENTH SEMESTER			
Subject	Subject Title	Credit(s)	Grade
ELE 4306	RENEWABLE ENERGY	3	D
MED 4054	PACKAGING APPLICATIONS	3	A
MED 4057	SMART PACKAGING	3	A
MED 4059	ENVIRONMENT FRIENDLY PRINTING	3	B
MED 4068	PRINTRONICS	3	D
MED 4069	QUALITY MANAGEMENT FOR GRAPHIC ARTS	3	A
Credit Earned : 18		GPA : 8.20	

SECOND SEMESTER			
Subject	Subject Title	Credit(s)	Grade
BIO 1051	BIOLOGY FOR ENGINEERS	3	D
CHM 1061	ENGINEERING CHEMISTRY LAB	1	C
CIE 1052	ENVIRONMENTAL STUDIES	2	E
CSE 1051	PROBLEM SOLVING USING COMPUTERS	3	E
CSE 1061	PSUC LAB	1	D
ELE 1051	BASIC ELECTRICAL TECHNOLOGY	3	E
MME 1261	ENGINEERING GRAPHICS - II	2	C
CHM 1051	ENGINEERING CHEMISTRY	3	B
MAT 1251	ENGINEERING MATHEMATICS - II	4	B
Credit Earned : 22		GPA : 6.41	

FOURTH SEMESTER			
Subject	Subject Title	Credit(s)	Grade
MAT 2262	ENGINEERING MATHEMATICS - IV	3	C
MED 2251	ANIMATION TECHNOLOGY	4	B
MED 2252	DIGITAL PHOTOGRAPHY	4	B
MED 2253	DIGITAL PRINT SYSTEMS	3	D
MED 2254	FLEXOGRAPHY, GRAVURE AND SCREEN PRINTING	4	B
MED 2262	MACHINE LAB	2	B
MED 2261	DIGITAL PHOTOGRAPHY LAB	1	A
MCA 4301	INTRODUCTION TO DATABASE SYSTEMS WITH MYSQL	3	C
Credit Earned : 24		GPA : 7.62	

SIXTH SEMESTER			
Subject	Subject Title	Credit(s)	Grade
HUM 3051	ENGINEERING ECONOMICS AND FINANCIAL MANAGEMENT	3	B
MED 3251	PACKAGING DESIGN AND TESTING	3	B
MED 3252	VIDEO PRODUCTION	4	B
MED 3261	BINDING AND PACKAGING LAB	2	A
MED 3262	VIDEO PRODUCTION LAB	2	A+
CIE 4303	ENVIRONMENTAL MANAGEMENT	3	B
MED 4055	PACKAGING MATERIALS SCIENCE	3	C
MED 4056	PACKAGING TECHNIQUES AND PROCESSES	3	B
Credit Earned : 23		GPA : 8.15	

### MINOR SPECIALIZATION : PACKAGING TECHNOLOGY

Note : The above student has to complete 1 more semester(s) of the 8 semesters programme to be awarded for his/her Bachelors Degree.

Total Credits : 157

CGPA : 7.27

ASSOCIATE DIRECTOR (A)

Associate Director (Academics)  
MANIPAL INSTITUTE OF TECHNOLOGY  
Manipal-576 104

DIRECTOR

DIRECTOR  
Manipal Institute of Technology  
MANIPAL - 576 104



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This transcript contains the complete academic record of the student

## ACADEMIC PROCESS

The University follows semester system of 16 weeks duration with continuous and comprehensive assessment. Each semester of study has minimum requirements of number of course credits that must be taken. The first year B.Tech course of study is common to all branches of Engineering.

The medium of instruction and exam for all courses offered by the institute is English.

Duration of the Course is 8 Semesters for B.Tech and 4 Semesters for M.Tech / MCA.

The entire eighth semester for B.Tech course, fourth semester for MCA as well as third and fourth semesters for M Tech are for project work.

## COURSE NUMBERING SYSTEM

The courses offered by each Department are coded with 3 letters indicating the department offering the same. The following codes are used for the different departments:

DEPARTMENT	CODE
Aeronautical and Automobile Engineering	AAE
Bio-medical Engineering	BME
Bio-Technology	BIO
Chemical Engineering	CHE
Civil Engineering	CIV
Computer Science and Engineering	CSE
Electronics and Communication Engineering	ECE
Electrical and Electronics Engineering	ELE
Information and Communication Technology	ICT
Instrumentation and Control Engineering	ICE
Mechanical and Manufacturing Engineering	MME
Mechatronics	MTE
Print and Media Engineering	PMT
Physics	PHY
Chemistry	CHM
Mathematics	MAT
Humanities and Management	HUM/HSS
Computer Applications	MCA/DCA

The Department code is followed by 4 digits and the last two digits indicate the subject code.

## CREDIT BASED SYSTEM

Each course, theory as well as practical, is expressed in terms of a certain number of credits. The credits are determined by the number of contact hours per week. For theory courses, 1 Hour Lecture / Tutorial per week

is assigned 1 Credit where as for practical courses 3 contact hours per week is assigned 1 Credit.

## GRADING SYSTEM

10 point grading system is used to award the student an overall letter grade for the course as shown below:

Letter Grade	A+	A	B	C	D	E	AP	F/I/DT
Grade Points	10	9	8	7	6	5	0	0
AP : Audit Pass Grade F : Failure I : Incomplete DT : Not permitted to appear for exams due to lack of attendance								

The overall performance of a student in each semester is indicated by the Grade Point Average (GPA) which is the weighted average of the grade points expressed as

$$GPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i} \quad \text{where}$$

n=Number of courses graded per semester  
C=Course credits  
G=Grade points

The overall performance of the student for the entire programme is indicated by the Cumulative Grade Point Average (CGPA) which is the weighted average of the GPA of all semesters expressed as

$$CGPA = \frac{\sum_{i=1}^N C_i G_i}{\sum_{i=1}^N C_i} \quad \text{where}$$

N=Total number of courses graded till date

## ELIGIBILITY FOR THE AWARD OF DEGREE

A student completes the requirements for graduation when he/she earns the required number of credits specified for all semesters which make up the course

### Total no. of credits required for obtaining:

<b>B.Tech</b>	-	<b>170</b>
<b>M.Tech</b>	-	<b>75</b>
<b>MCA</b>	-	<b>80</b>

Minimum CGPA for Graduation is 5.0 and the Maximum CGPA that can be earned is 10

## LATERAL ENTRY TO SECOND YEAR

Holders of three years Diploma in Engineering awarded by the Board of Technical Education in Karnataka or equivalent, or BSc Degree with Mathematics as one of the subjects are eligible to join THIRD Semester under lateral entry scheme