



# *Fr. C. Rodrigues Institute of Technology*

Sector - 9A, Vashi, Navi Mumbai - 400 703. INDIA  
Telephone : 41611000 (30Lines) 2766 1924, 2766 0618. Fax : 2766 0619  
Email : principalfcrit@gmail.com Website : www.fcrit.ac.in

Sir / Madam,

This is to certify that **More Kedar Chandrakant Pooja** was a bonafide student of the **Bachelor of Mechanical Engineering** program at **Fr. Conceicao Rodrigues Institute of Technology (Fr.C.R.I.T.)**, Navi Mumbai, which has been accorded Grade 'A' by the Government of Maharashtra and is affiliated to the **University of Mumbai** (formerly **University of Bombay**). The **Bachelor of Information Mechanical Engineering** program was accredited by the **National Board of Accreditation (N.B.A.) of the All India Council for Technical Education (A.I.C.T.E)** again in 2018. As per the admission requirements of your University, we are enclosing a copy of his transcripts duly attested.

The undergraduate program of **Bachelor of Mechanical Engineering** is spread over a period of four years and is conducted according to the norms laid down by the University of Mumbai. The academic year starts in July and ends in June the following year. **THE MEDIUM OF INSTRUCTION IS ENGLISH.**

Admission to the program at **Fr.C.R.I.T.** is centralized and is done by the Directorate of Technical Education (Maharashtra State) on the basis of marks obtained by students in a Common Entrance Test.

All subjects are compulsory with a few electives being offered in the final year of the course. An examination is conducted by the University at the end of every six month semester. The GPA (Grade Point Average) is calculated on the basis of 10 point scale in the University of Mumbai's Grading system.

We hope the information provided is to your satisfaction. Please feel free to contact us for further assistance.

Sincerely,

**Principal**  
**(Dr.S.M.Khot)**





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**YEAR ONE (July 2015 – May 2016)**

**SEMESTER ONE (July 2015 – December 2015)**

Grades obtained by **More Kedar Chandrakant Pooja** in the examination held in **December 2015**

Exam Seat No.: **12108123**

Course Code	Subjects	No. of Periods Per Week (60 Minutes each)			Course Credits	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
FEC101	Applied Mathematics – I	4	--	1	4	D	--	6	24
					1	--	O	10	10
FEC102	Applied Physics- I	3	1	--	3	D	--	6	18
					0.5	--	O	10	5
FEC103	Applied Chemistry- I	3	1	--	3	D	--	6	18
					0.5	--	O	10	5
FEC104	Engineering Mechanics	5	2	--	5	O	--	10	50
					1	--	O	10	10
FEC105	Basic Electrical And Electronics Engg	4	2	--	4	D	--	6	24
					1	--	O	10	10
FEC106	Environmental Studies (EVS)	2	--	--	2	C	--	7	14
								--	--
FEL101	Basic Workshop & Practice- I	--	4	--	2	--	O	10	20
								--	--
	TOTAL	21	10	1	27			101	208.00

F: Head of Failure --: Not Applicable Ab: Absent @: O.5042 \*:Condonation CG: Sum of product of credits and grading IA: Internal Assessment  
ESE: End Semester Examination TW: Term Work OR: Oral PR: Practical TUT: Tutorial

**SGPI (Semester Grade Performance Index): 7.70**

**CGPI (Cumulative Grade Performance Index): 7.70**

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**YEAR ONE (July 2015 – May 2016)**

**SEMESTER TWO (January 2016 – May 2016)**

Grades obtained by **More Kedar Chandrakant Pooja** in the examination held in **May, 2016**

Exam Seat No.: **12207801**

Course Code	Subjects	No. of Periods Per Week (60 Minutes each)			Course Credits	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
FEC201	Applied Mathematics – II	4	--	1	4	B	--	8	32
					1	--	O	10	10
FEC202	Applied Physics- II	3	1	--	3	C	--	7	21
					0.5	--	A	9	4.5
FEC203	Applied Chemistry- II	3	1	--	3	C	--	7	21
					0.5	--	O	10	5
FEC204	Engineering Drawing	3	4	--	3	O	--	10	30
					2	--	O	10	20
FEC205	Structured Programming Approach	4	2	--	4	E	--	5	20
					1	--	O	10	10
FEC206	Communication Skills	2	2	--	2	A	--	9	18
					1	--	B	8	8
FEL201	Basic Workshop & Practice- II	--	4	--	2	--	O	10	20
								--	--
	<b>TOTAL</b>	<b>19</b>	<b>14</b>	<b>1</b>	<b>27</b>			<b>113</b>	<b>219.50</b>

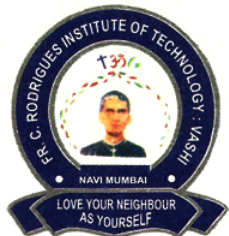
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**SGPI (Semester Grade Performance Index): 8.13**

**CGPI (Cumulative Grade Performance Index): 7.91**



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**YEAR TWO (July 2016 – May 2017)**

**SEMESTER THREE (July 2016 – December 2016)**

Grades obtained by **More Kedar Chandrakant Pooja** in the examination held in **December, 2016**

Exam Seat No.: **46496**

Course Code	Course Title	No. of Periods Per Week (60 minutes each)			Course Credit (C)	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
MEC301	Applied Mathematics - III	4	--	--	4	B	--	8	32
MEC302	Thermodynamics	4	--	--	4	D	--	6	24
MEC303	Strength of Materials	4	2	--	4	C	--	7	28
					1	--	C	7	7
MEC304	Production Process – I	4	--	--	4	E	--	5	20
MEL305	Computer Aided M/c Drawing	--	6	--	3	--	C	7	21
MEL306	Data Base & Information Retrieval System	--	4	--	2	--	O	10	20
MEL307	Machine Shop Practice - I	--	4	--	2	--	O	10	20
<b>TOTAL</b>		<b>16</b>	<b>16</b>	<b>0</b>	<b>24</b>			<b>60</b>	<b>172</b>

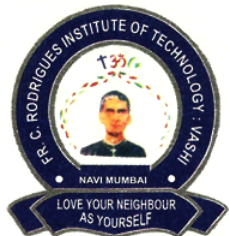
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SGPI (Semester Grade Performance Index): **7.17**

CGPI (Cumulative Grade Performance Index): **7.69**

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**YEAR TWO (July 2016 – May 2017)**

**SEMESTER FOUR (January 2017 – May 2017)**

Grades obtained by **More Kedar Chandrakant Pooja** in the examination held in **May, 2017**

Exam Seat No.: **47776**

Course Code	Course Title	No. of Periods Per Week (60 minutes each)			Course Credit (C)	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
MEC401	Applied Mathematics - IV	4	--	--	4	O	--	10	40
MEC402	Fluid Mechanics	4	--	--	4	E	--	5	20
					1	--	A	9	9
MEC403	Theory of Machines - I	4	2	--	4	D	--	6	24
					1	--	O	10	10
MEC404	Production Process - II	4	--	--	4	D	--	6	24
MEL405	Material Technology	--	6	--	3	E	--	5	15
					1	--	A	9	9
MEC406	Industrial Electronics	--	4	--	3	E	--	5	15
					1	--	A	9	9
MEL407	Machine Shop Practice - II	--	4	--	2	--	O	10	20
<b>TOTAL</b>		<b>22</b>	<b>12</b>	<b>0</b>	<b>28</b>			<b>84</b>	<b>195</b>

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**SGPI (Semester Grade Performance Index): 6.96**

**CGPI (Cumulative Grade Performance Index): 7.50**



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**YEAR THREE (July 2017 – May 2018)**

**SEMESTER FIVE (July 2017 – December 2017)**

Grades obtained **More Kedar Chandrakant Pooja** in the examination held in **December 2017**

Exam Seat No.: **49046**

Course Code	Course Title	No. of Periods Per Week (60 minutes each)			Course Credit (C)	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
MEC501	I C Engine	4	2	--	4	D	--	6	24
					1	--	A	9	9
MEC502	Mechanical Measurements and Control	4	2	--	4	D	--	6	24
					1	--	B	8	8
MEC503	Production Process – III	4	2	--	4	B	--	8	32
					1	--	O	10	10
MEC504	Theory of Machines – II	4	2	--	4	E	--	5	20
					1	--	O	10	10
MEL505	Heat Transfer	4	2	--	4	D	--	6	24
					1	--	B	8	8
MEL501	Business Communication and Ethics	--	4	--	2	--	O	10	20
<b>TOTAL</b>		<b>20</b>	<b>14</b>	<b>0</b>	<b>27</b>			<b>86</b>	<b>189</b>

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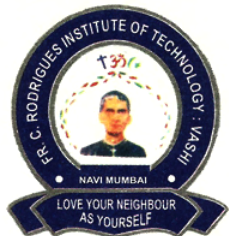
SGPI (Semester Grade Performance Index): 7.00

CGPI (Cumulative Grade Performance Index): 7.39



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**YEAR THREE (July 2017 – May 2018)**

**SEMESTER SIX (January 2018 – May 2018)**

Grades obtained by **More Kedar Chandrakant Pooja** in the examination held in **May, 2018**

Exam Seat No.: **50176**

Course Code	Course Title	No. of Periods Per Week (60 minutes each)			Course Credit (C)	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
MEC601	Metrology and Quality Engineering	3	2	--	3	C	--	7	21
					1	--	A	9	9
MEC602	Machine Design – I	4	2	--	4	C	--	7	28
					1	--	C	7	7
MEC603	Mechanical Vibrations	4	2	--	4	D	--	6	24
					1	--	A	9	9
MEC604	Thermal and Fluid Power Engineering	4	2	--	4	E	--	5	20
					1	--	C	7	7
MEL605	Mechatronics	4	2	--	4	D	--	6	24
					1	--	A	9	9
MEC606	Finite Element Analysis	3	2	--	3	D	--	6	18
					1	--	O	10	10
TOTAL		22	12	0	28			88	186

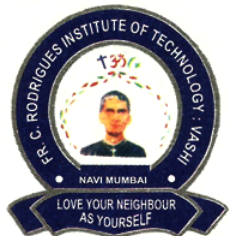
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SGPI (Semester Grade Performance Index): 6.64

CGPI (Cumulative Grade Performance Index): 7.26

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**YEAR FOUR (July 2018 – May 2019)**

**SEMESTER SEVEN (July 2018 – December 2018)**

Grades obtained by **More Kedar Chandrakant Pooja** in the examination held in **November, 2018**

Exam Seat No.: **14170968**

Course Code	Course Title	No. of Periods Per Week (60 minutes each)			Course Credit (C)	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
MEC701	Machine Design – II	4	2	--	4	E	--	5	20
					1	--	C	7	7
MEC702	CAD/CAM/CAE	4	2	--	4	E	--	5	20
					1	--	B	8	8
MEC703	Mechanical Utility Systems	4	2	--	4	E	--	5	20
					1	--	P	4	4
MEC704	Production Planning and Control	4	2	--	4	B	--	8	32
					1	--	B	8	8
MEE7019	Elective – I: Operations Research	3	2	--	3	D	--	6	18
					1	--	C	7	7
MEP701	Project – I	--	6	--	3	--	O	10	30
<b>TOTAL</b>		<b>19</b>	<b>16</b>	<b>0</b>	<b>27</b>			<b>73</b>	<b>174</b>

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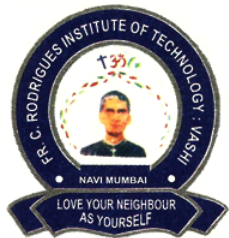
SGPI (Semester Grade Performance Index): **6.44**

CGPI (Cumulative Grade Performance Index): **7.15**



**Principal**  
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**YEAR FOUR (July 2018 – May 2019)**

**SEMESTER EIGHT (January 2019 – May 2019)**

Grades obtained by **More Kedar Chandrakant Pooja** in the examination held in **May, 2019**

Exam Seat No.: **14181905**

Course Code	Course Title	No. of Periods Per Week (60 minutes each)			Course Credit (C)	Grade		Grade Points (G)	C*G
		Theory	Practical	Tutorial		Theory (IA+ESE)	Laboratory (TW/PR/OR/TUT)		
MEC801	Design of Mechanical Systems	4	2	--	4	D	--	6	24
					1	--	A	9	9
MEC802	Industrial Engineering and Management	4	2	--	4	C	--	7	28
					1	--	D	6	6
MEC803	Refrigeration and Air Conditioning	4	2	--	4	E	--	5	20
					1	--	C	7	7
MEE8021	Elective – II: Micro Electro Mechanical Systems	3	2	--	3	E	--	5	15
					1	--	C	7	7
MEP802	Project - II	--	12	--	6	--	O	10	60
<b>TOTAL</b>		<b>15</b>	<b>20</b>	<b>0</b>	<b>25</b>			<b>62</b>	<b>176</b>

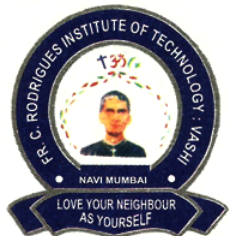
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SGPI (Semester Grade Performance Index): **7.04**

CGPI (Cumulative Grade Performance Index): **7.14**

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## **Letter Grades and their Equivalent Grade Point applicable for Engineering**

<b>Percentage of Marks Obtained</b>	<b>Letter Grade</b>	<b>Grade Point</b>	<b>Performance</b>
80.00 and Above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less Than 40.00	F	0	Fail

**Principal  
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