



# Gujarat Technological University

University Academic

Home






## TEACHING SCHEME / DETAIL SYALLBUS

BE  19 - MECHANICAL ENGINEERING  5

2018-19  Subject Code  Enter Subject Name  Search

\*L=lectures,T=tutorial,P=Practical,E=TheoryExternal,M=TheoryInternal,I=Practical Internal,V=Practical External,On Job Training(OJT) is equivalent to Practical

Exp.	Subcode	Branch code	Eff_from	SubjectName	Category	Sem /Year	Hours			Total	Max Marks				Total
							L.	T.	P.		E	M	I	V	
<input type="checkbox"/>	3150001	19	June 2020	Design Engineering - II A	Project Work	5	0	0	2	1	0	0	20	80	100
<input type="checkbox"/>	<a href="#">3150004</a>	19	June 2020	Contributor Personality Development Program	Personality development Elective	5	2	0	0	2	70	30	20	30	150
<input type="checkbox"/>	<a href="#">3150005</a>	19	June 2020	Integrated Personality Development Course	Personality development Elective	5	2	0	0	2	70	30	20	30	150
<input type="checkbox"/>	<a href="#">3151908</a>	19	June 2020	Control Engineering	Open Elective - I	5	3	0	0	3	70	30	0	0	100

	<a href="#">3151909</a>	19	June 2020	Heat Transfer	Professional Core	5	4	0	2	5	70	30	20	30	150
	<a href="#">3151910</a>	19	June 2020	Operation Research	Humanities and Social Science	5	3	0	0	3	70	30	0	0	100
	<a href="#">3151911</a>	19	June 2020	Dynamics of Machinery	Professional Core	5	4	0	2	5	70	30	20	30	150
	<a href="#">3151912</a>	19	June 2020	Manufacturing Technology	Professional Core	5	3	0	2	4	70	30	20	30	150
	<a href="#">3151913</a>	19	June 2020	Oil Hydraulics And Pneumatics	Open Elective - I	5	3	0	0	3	70	30	0	0	100



# Gujarat Technological University

University Academic

Home












## TEACHING SCHEME / DETAIL SYALLBUS

BE  19 - MECHANICAL ENGINEERING  6

2018-19  Subject Code  Enter Subject Name  Search

\*L=lectures,T=tutorial,P=Practical,E=TheoryExternal,M=TheoryInternal,I=Practical Internal,V=Practical External,On Job Training(OJT) is equivalent to Practical

Exp.	Subcode	Branch code	Eff_from	SubjectName	Category	Sem /Year	Hours			Total	Max Marks				Total
							L.	T.	P.		E	M	I	V	
<input type="checkbox"/>	3160001	19	Dec-2020	Design Engineering II B	Project Work	6	0	0	2	1	0	0	20	80	100
<input type="checkbox"/>	<a href="#">3160002</a>	19	Dec-2020	Contributor Personality Development Program	Personality development Elective	6	2	0	0	2	70	30	20	30	150
<input type="checkbox"/>	<a href="#">3160003</a>	19	Dec-2020	Integrated Personality Development Course	Personality development Elective	6	2	0	0	2	70	30	20	30	150
<input type="checkbox"/>	<a href="#">3161903</a>	19	Dec-2020	Computer Aided Design	Professional Elective - I	6	3	0	2	4	70	30	20	30	150

	<a href="#">3161907</a>	19	Dec-2020	Basics of Industrial Engineering	Professional Elective - I	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161910</a>	19	Dec-2020	Applied Thermodynamics	Professional Core	6	4	0	2	5	70	30	20	30	150
	<a href="#">3161911</a>	19	Dec-2020	Design of Heat exchangers	Professional Elective - I	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161912</a>	19	Dec-2020	Gas Dynamics	Professional Elective - I	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161913</a>	19	Dec-2020	Industrial Safety and Maintenance Engineering	Professional Elective - I	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161914</a>	19	Dec-2020	Renewable Energy Engineering	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161915</a>	19	Dec-2020	Computational Fluid Dynamics	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161916</a>	19	Dec-2020	Product Development and Entrepreneurship	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161917</a>	19	Dec-2020	Computer Aided Manufacturing	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161918</a>	19	Dec-2020	Tribology and Terotechnology	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161919</a>	19	Dec-2020	Energy Conservation and Management	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161920</a>	19	Dec-2020	Automobile Engineering	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161921</a>	19	Dec-2020	Machine Tool Design	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161922</a>	19	Dec-2020	Advanced Manufacturing Processes	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161923</a>	19	Dec-2020	Non destructive Testing	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	<a href="#">3161924</a>	19	Dec-2020	Entrepreneurship and E-business	Open elective - II	6	3	0	0	3	70	30	0	0	100
	<a href="#">3161925</a>	19	Dec-2020	Cyber Laws and Ethics	Open elective - II	6	3	0	0	3	70	30	0	0	100
	<a href="#">3161926</a>	19	Dec-2020	Industry 4.0	Open elective - II	6	3	0	0	3	70	30	0	0	100





# Gujarat Technological University

University Academic

Home

## TEACHING SCHEME / DETAIL SYALLBUS

BE  19 - MECHANICAL ENGINEERING  7

2018-19  Subject Code  Enter Subject Name  Search

\*L=lectures,T=tutorial,P=Practical,E=TheoryExternal,M=TheoryInternal,I=Practical Internal,V=Practical External,On Job Training(OJT) is equivalent to Practical

Exp.	Subcode	Branch code	Eff_from	SubjectName	Category	Sem /Year	Hours			Total	Max Marks				Total
							L.	T.	P.		E	M	I	V	
<input type="checkbox"/>	<a href="#">3170001</a>	19	June 2021	Summer Internship	Project	7	0	0	0	2	0	0	20	80	100
<input type="checkbox"/>	<a href="#">3171506</a>	19	June 2021	Project Management	Professional Elective - VI	7	3	0	2	4	70	30	20	30	150
<input type="checkbox"/>	<a href="#">3171910</a>	19	June 2021	Power plant Engineering	Professional Core	7	3	0	0	3	70	30	0	0	100
<input type="checkbox"/>	<a href="#">3171911</a>	19	June 2021	Advanced Heat Transfer	Professional Elective - V	7	3	0	2	4	70	30	20	30	150
	<a href="#">3171917</a>	19	June 2021	Design of Machine elements	Professional	7	3	0	2	4	70	30	20	30	150

					Core											
	<a href="#">3171918</a>	19	June 2021	Refrigeration and Air conditioning	Professional Elective - IV	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171919</a>	19	June 2021	Cryogenics Engineering	Professional Elective - IV	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171920</a>	19	June 2021	Finite Element Methods	Professional Elective - IV	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171921</a>	19	June 2021	Metal forming analysis	Professional Elective - IV	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171922</a>	19	June 2021	Automation in Manufacturing	Professional Elective - IV	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171923</a>	19	June 2021	Internal Combustion Engine	Professional Elective - V	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171924</a>	19	June 2021	Principles of Combustion	Professional Elective - V	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171925</a>	19	June 2021	Advanced Machine Design	Professional Elective - V	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171926</a>	19	June 2021	Rapid Prototyping	Professional Elective - V	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171927</a>	19	June 2021	Turbo Machines	Professional Elective - VI	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171928</a>	19	June 2021	Design of Material Handling Equipment	Professional Elective - VI	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171929</a>	19	June 2021	Quality and Reliability Engineering	Professional Elective - VI	7	3	0	2	4	70	30	20	30	150	
	<a href="#">3171930</a>	19	June 2021	Industrial Internet of Things	Open Elective - III	7	3	0	0	3	70	30	0	0	100	
	<a href="#">3171931</a>	19	June 2021	Nanotechnology and surface Engineering	Open Elective - III	7	3	0	0	3	70	30	0	0	100	

# Sem-6\_Elective Subject Choice Form\_Summer-2021

Dear Student,

As per circular from GTU, even term will start from 03/12/2020. So you have to select elective subject according to your subject/area of interest.

Go through GTU website for details of all subject.

---

The respondent's email (**null**) was recorded on submission of this form.

\* Required

1. Email \*

---



## 2. Enrollment No\_Students Name \*

*Mark only one oval.*

- 180990119001 ATODARIYA VISHVARAJ SINH JASHVANTSINH
- 180990119002 BHAVSAR DIVYANK GANESHBHAI
- 180990119003 CHAUHAN DIGVIJAYSINH PAHADSINH
- 180990119004 DASHONDI OMKAR MAHESHKUMAR
- 180990119005 JOSHI ANKIT ASHVINBHAI
- 180990119006 KHATRI LOKESH BALDEV
- 180990119007 KHER YASHRAJSINH NILESHKUMAR
- 180990119008 KOKANI ASHISHBHAI BALVANTBHAI
- 180990119009 PATEL NIDHIP VIPULKUMAR
- 180990119010 PATEL SAPANKUMAR ISHWARBHAI
- 180990119011 PATEL VIHAR SHAILESH
- 180990119012 PATHAN MARUFAHMAD IRFANAHMAD
- 180990119013 PAWAR VISHAL SHANKARBHAI
- 180990119014 PRAJAPATI YOGINKUMAR VIJESH
- 180990119017 SREEKANTH
- 190993119001 KESROLA HARDATTSINH NARENDRASINH
- 190993119002 LIMBACHIYA KEVALKUMAR PARESHBHAI
- 190993119003 PARMAR HEMRAJSINH RAJENDRASINH
- 190993119004 PARMAR TEJASKUMAR ISHWARLAL
- 190993119005 PATEL NAITIKKUMAR SHAILESHBHAI
- 190993119006 PATEL PARTHKUMAR RAMESHBHAI

- 190993119007 RANDERI MO SABIR MO SALIM
- 190993119008 VASAVA JAYKUMAR ISHVARBHAI
- 190993119009 JADAV KALPESHKUMAR KANUBHAI
- 190993119010 KUSHWAHA SHASHIKANT RAMGATI
- 190993119011 RANA DIVYESH SHASHIKANTBHAI
- 190993119012 SHAH JAY SHARADBHAI
- 190993119013 SHAH MEET MANISH
- 190993119014 SATYAJEET BIVESH SINGH
- 190993119015 PRASAD SPARSH SANJEEV
- 190993119016 VAGHELA GAURAV BALUBHAI

3. Date & Time of Exam \*

---

*Example: January 7, 2019*

4. I understand that in the current situation the most possible way of elective subject is through online means. Therefore, I, the undersigned, give my consent and confirmation regarding selection of elective subjects and no further change will be considered by Department of Mechanical engineeringg, SRICT. \*

*Check all that apply.*

I Agree

## Elective Subjects

Select any one elective subject from each elective group.

### 5. Professional Elective Course- I \*

*Mark only one oval.*

- Computer Aided Design (3161903)
- Basics of Industrial Engineering (3161907)

### 6. Professional Elective Course- II \*

*Mark only one oval.*

- Renewable Energy Engineering (3161914)
- Computer Aided Manufacturing (3161917)

### 7. Professional Elective Course - III \*

*Mark only one oval.*

- Automobile Engineering (3161920)
- Advanced Manufacturing Processes (3161922)

## 8. Open elective-II \*

*Mark only one oval.*

Entrepreneurship and E-business (3161924)

## Declaration

9. By Clicking the Submit Button I Agree that I have studied syllabus of electives subjects available at GTU website which I have opted and there will be no demand of change from my side in future . \*

*Mark only one oval.*

I Agree

---

This content is neither created nor endorsed by Google.

Google Forms

# Sem-6\_Elective Subject Choice Form\_Summer-2021

31 responses

## Enrollment No\_Students Name

31 responses



- 180990119001 ATODARIYA V...
- 180990119002 BHAVSAR DI...
- 180990119003 CHAUHAN DI...
- 180990119004 DASHONDI O...
- 180990119005 JOSHI ANKIT...
- 180990119006 KHATRI LOK...
- 180990119007 KHER YASHR...
- 180990119008 KOKANI ASHI...

▲ 1/4 ▼

## Date & Time of Exam

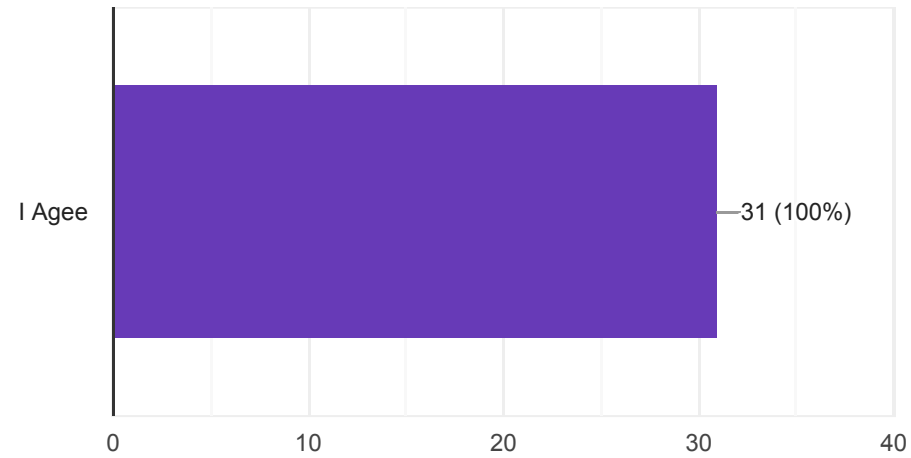
31 responses

<b>May 2020</b>		12								
<b>Dec 2020</b>		4	5	23	7	3	8	10	16	



I understand that in the current situation the most possible way of elective subject is through online means. Therefore, I, the undersigned, give my consent and confirmation regarding selection of elective subjects and no further change will be considered by Department of Mechanical engineeringg, SRICT.

31 responses

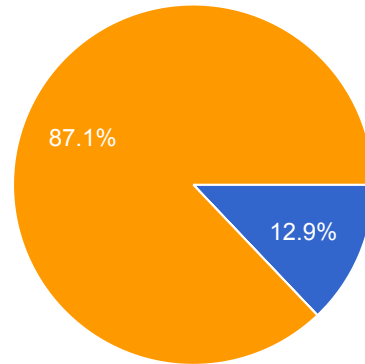


Elective Subjects



### Professional Elective Course- I

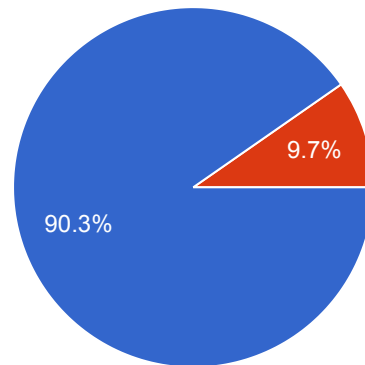
31 responses



- Computer Aided Design (3161903)
- Basics of Industrial Engineering (3161907)
- Industrial Engineering (3161907)

### Professional Elective Course- II

31 responses

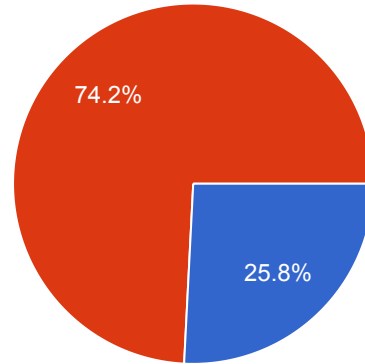


- Renewable Energy Engineering (3161914)
- Computer Aided Manufacturing (3161917)



### Professional Elective Course - III

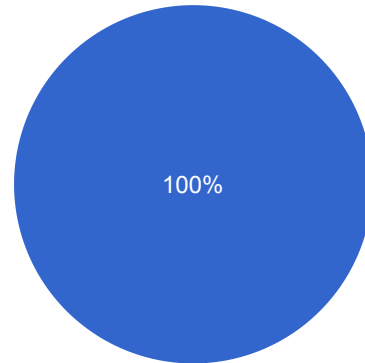
31 responses



- Automobile Engineering (3161920)
- Advanced Manufacturing Processes (3161922)

### Open elective-II

31 responses



- Entrepreneurship and E-business (3161924)

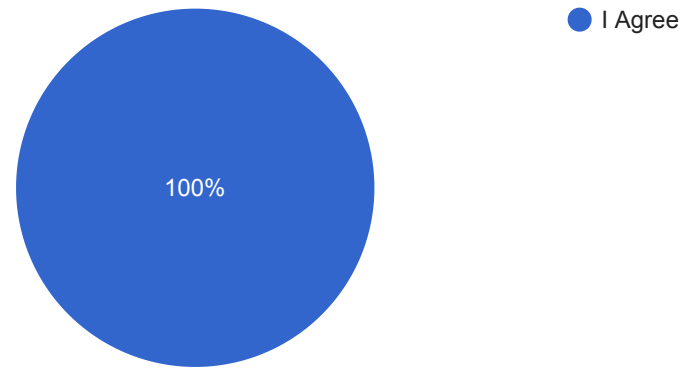
Declaration





By Clicking the Submit Button I Agree that I have studied syllabus of electives subjects available at GTU website which I have opted and there will be no demand of change from my side in future .

31 responses



This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#).

Google Forms



# Sem-8\_Elective Subject Choice Form\_Summer-2021

Dear Student,

As per circular from GTU, even term will start from 03/12/2020. So you have to select elective subject according to your subject/area of interest.

Go through GTU website for details of all subject.

---

The respondent's email (**null**) was recorded on submission of this form.

\* Required

1. Email \*

---

## 2. Enrollment No\_Students Name \*

*Mark only one oval.*

- 130990119009\_DELIN DAVY
- 140990119034\_PATEL NITIN
- 170990119001\_AKASH JOE
- 170990119002\_BARAD NIKHILKUMAR
- 170990119003\_BHARDWAJ PRASHANT
- 170990119004\_DETROJA JAIMIN
- 170990119005\_HIMANSHU RAO
- 170990119006\_KALARIYA MEET
- 170990119007\_KHUDKHUDIYA YOGIN
- 170990119008\_MAHESHWARI HARSH
- 170990119009\_MANGROLA BHUMIPAL
- 170990119010\_NIKETKUMAR OJHA
- 170990119011\_PATEL GAURANG
- 170990119012\_PATEL KIRANKUMAR
- 170990119014\_PATEL VINAYBHAI
- 170990119015\_PETAL DHANANJAY
- 170990119016\_SHUKLA DHYEY
- 170990119017\_SIDDIQUE SAFIUDDIN
- 170990119018\_SINGH AMAN
- 170990119019\_SUMAN MIHIR
- 170990119020\_TAMAKUWALA AAKASH

- 170990119021\_TEJANI PRATIKKUMAR
- 170990119022\_VASAVA ARUNBHAI
- 170990119023\_VASAVA KAUSHIKKUMAR
- 170990119024\_VASAVA NIKHILBHAI
- 180993119001\_ATODARIA PARTHRAJSINH
- 180993119002\_BARAD AKASHKUMAR
- 180993119003\_BAROT DHRUVKUMAR
- 180993119004\_CHAUHAN DAKSHESH
- 180993119005\_GURAV RUTURAJ SINH
- 180993119006\_MOURYA UMESH
- 180993119007\_PATEL GUNJAN
- 180993119008\_PILUDARIA HARSHKUMAR
- 180993119010\_SURATI SHREYASH

3. Date & Time of Exam \*

---

*Example: January 7, 2019*

4. I understand that in the current situation the most possible way of elective subject is through online means. Therefore, I, the undersigned, give my consent and confirmation regarding selection of elective subjects and no further change will be considered by Department of Mechanical engineering, SRICT. \*

*Check all that apply.*

I Agree

Elective Subjects

Select any one elective subject.

## 5. Department Elective II \*

*Mark only one oval.*

- Finite Elements Method (2181911)
- Optimization (2181912)
- Product Design and Value Engineering (2181913)
- Rapid Prototyping (2181914)
- Automobile Engineering (2181915)
- Energy Conservation and Management (2181916)
- Cryogenic Engineering (2181917)
- Principles of Combustion(2181918)
- Robotics (2181919)
- Quality Engineering (2181920)
- Design for Manufacturing and Assembly(2181921)
- Automation(2181922)
- Entrepreneurship (2181923)
- Design of Heat Exchanger(2181924)
- Computational Fluid Dynamics (2181925)
- Tribology (2181926)
- Advance Welding Technology (2181927)

Declaration

6. By Clicking the Submit Button I Agree that I have studied syllabus of electives subjects available at GTU website which I have opted and there will be no demand of change from my side in future . \*

*Mark only one oval.*

I Agree

---

This content is neither created nor endorsed by Google.

Google Forms

# Sem-8\_Elective Subject Choice Form\_Summer-2021

34 responses

## Enrollment No\_Students Name

34 responses



- 130990119009\_DELIN DAVY
- 140990119034\_PATEL NITIN
- 170990119001\_AKASH JOE
- 170990119002\_BARAD NIKH...
- 170990119003\_BHARDWAJ...
- 170990119004\_DETROJA JA...
- 170990119005\_HIMANSHU...
- 170990119006\_KALARIYA M...

▲ 1/5 ▼

## Date & Time of Exam

34 responses

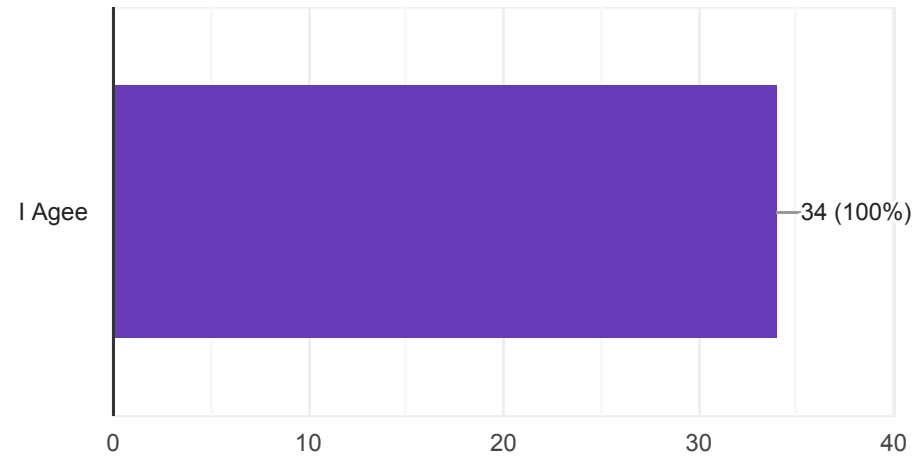
<b>Apr 2020</b>		12					
<b>Dec 2020</b>		2	4	3	12	4	17





I understand that in the current situation the most possible way of elective subject is through online means. Therefore, I, the undersigned, give my consent and confirmation regarding selection of elective subjects and no further change will be considered by Department of Mechanical engineering, SRICT.

34 responses

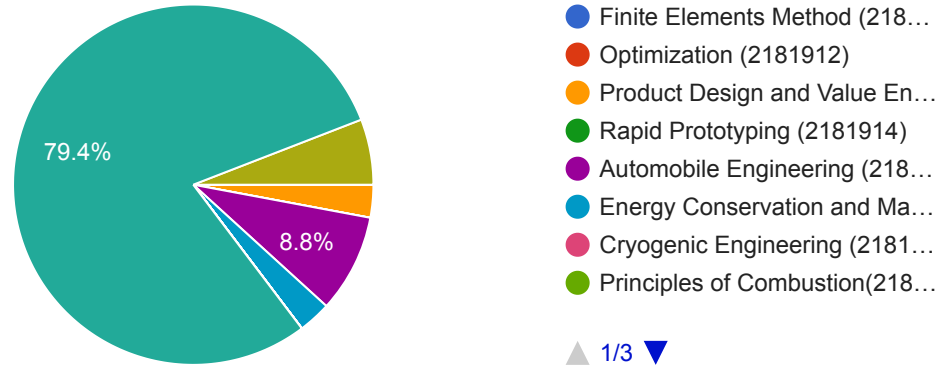


Elective Subjects



### Department Elective II

34 responses

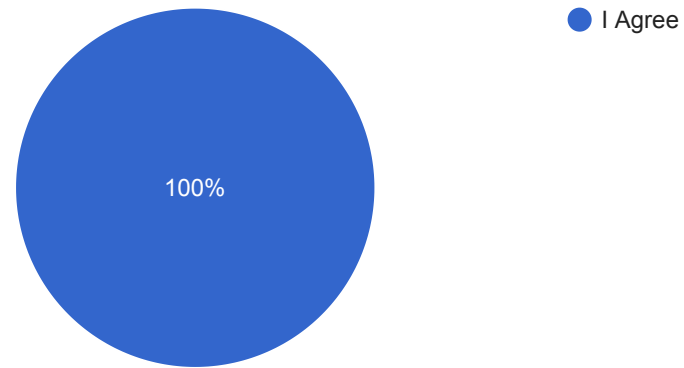


Declaration



By Clicking the Submit Button I Agree that I have studied syllabus of electives subjects available at GTU website which I have opted and there will be no demand of change from my side in future .

34 responses



This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#).

Google Forms

