



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 3151 / 3152 / 3154 / 3155 Fax: 044 - 2450 2344
www.sathyabama.ac.in



SCHOOL OF MECHANICAL ENGINEERING
DEPARTMENT OF AERONAUTICAL ENGINEERING

Students Circular

20.01.2022

Ref: SIST/Aero/Elective/Even /2021-2022

The online Registration of elective courses for 6th Semester UG students (2019 Batch) has been started. Selection of the course can be made online through the Google form submission link. This selection of Elective courses should be carried out on or before 09.02.2022. After the registration date the details of registration and course coordinator will be shared by the year coordinator. The enrollment of course registration is based on first come. The concerned elective course coordinators are responsible for deployment, Progress, attendance and assessment of the course.

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LIST OF ELECTIVE COURSES OFFERED FOR EVEN SEMESTER 2021-2022

(6th Semester)

S.No	Course code	Courses offered
1	SMEA3001	Additive Manufacturing
2	SAEA3001	Theory of Elasticity
3	SAEA3002	Aviation Management
4	SAEA3003	Airframe Maintenance and Repair Practices
5	SAEA3004	Aircraft Design
6	SAEA3005	Industrial Aerodynamics
7	SAEA3006	Cryogenic Engineering
8	SAEA3007	Rocket and Space Mechanics
9	SAEA3008	Mechanical Behavior of Aircraft Materials
10	SAEA3009	Advanced Flight Dynamics
11	SAEA3010	Launch Vehicles and Spacecraft Propulsion
12	SAEA3011	Plates and Shells
13	SAEA3014	Boundary layer Theory
14	SAEA3015	High Temperature Materials
15	SAEA3016	Flight Vehicles' Guidance and Control
16	SAEA3017	Manned Space Mission
17	SAEA3018	Helicopter Maintenance
18	SAEA3019	Orbital Mechanics
19	SAEA3020	Heat Transfer Techniques

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The online Registration of elective courses for 8th Semester UG students (2018 Batch) has been started. Selection of the course can be made online through the Google form submission link. This selection of Elective courses should be carried out on or before 09.02.2022. After the registration date the details of registration and course coordinator will be shared by the year coordinator. The enrollment of course registration is based on first come. The concerned elective course coordinators are responsible for deployment, Progress, attendance and assessment of the course.

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LIST OF ELECTIVE COURSES OFFERED FOR EVEN SEMESTER 2020-2021

(8th Semester)

S.No	Course code	Courses offered
1	SME1609	Cryogenic Engineering
2	SAE1603	Airframe Maintenance and Repair Practices
3	SAE1604	Airline Operations and Management
4	SAE1606	Civil Aircraft Rules and Regulations
5	SAE1609	Helicopter Maintenance
6	SAE1611	Launch Vehicles and Spacecraft Propulsion
7	SAE1614	Spacecraft Technology
8	SAE1615	UAV System Design

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21.07.2021

Ref: SIST/Aero/Elective/odd /2021-2022

The online Registration of elective courses for 5th Semester UG students (2019 Batch) has been started. Selection of the course can be made online through the Google form submission link. This selection of Elective courses should be carried out on or before 04.08.2021. After the registration date the details of registration and course coordinator will be shared by the year coordinator. The enrollment of course registration is based on first come. The concerned elective course coordinators are responsible for deployment, Progress, attendance and assessment of the course.

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LIST OF ELECTIVE COURSES OFFERED FOR ODD SEMESTER 2021-2022 (5th Semester)

S.No	Course code	Courses offered
1	SMEA3001	Additive Manufacturing
2	SAEA3001	Theory of Elasticity
3	SAEA3002	Aviation Management
4	SAEA3003	Airframe Maintenance and Repair Practices
5	SAEA3004	Aircraft Design
6	SAEA3005	Industrial Aerodynamics
7	SAEA3006	Cryogenic Engineering
8	SAEA3007	Rocket and Space Mechanics
9	SAEA3008	Mechanical Behavior of Aircraft Materials
10	SAEA3009	Advanced Flight Dynamics
11	SAEA3010	Launch Vehicles and Spacecraft Propulsion
12	SAEA3011	Plates and Shells
13	SAEA3014	Boundary layer Theory
14	SAEA3015	High Temperature Materials
15	SAEA3016	Flight Vehicles' Guidance and Control
16	SAEA3017	Manned Space Mission
17	SAEA3018	Helicopter Maintenance
18	SAEA3019	Orbital Mechanics
19	SAEA3020	Heat Transfer Techniques

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The online Registration of elective courses for 7th Semester UG students (2018 Batch) has been started. Selection of the course can be made online through the Google form submission link. This selection of Elective courses should be carried out on or before 04.08.2021. After the registration date the details of registration and course coordinator will be shared by the year coordinator. The enrollment of course registration is based on first come. The concerned elective course coordinators are responsible for deployment, Progress, attendance and assessment of the course.

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LIST OF ELECTIVE COURSES OFFERED FOR ODD SEMESTER 2021-2022

(7th Semester)

S.No	Course code	Courses offered
1	SME1609	Cryogenic Engineering
2	SAE1603	Airframe Maintenance and Repair Practices
3	SAE1604	Airline Operations and Management
4	SAE1606	Civil Aircraft Rules and Regulations
5	SAE1609	Helicopter Maintenance
6	SAE1611	Launch Vehicles and Spacecraft Propulsion
7	SAE1614	Spacecraft Technology
8	SAE1615	UAV System Design

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