2.2.1 The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

INDEX

S.No	Particulars
1	Introduction to institution assesses the learning levels of the students
2	Assessment of Slow learners and Advanced Learners
3	Programmes offered for Advanced Learners
4	Programmes offered for Slow Learners
5	Slow Learners and Advanced Learners Forms (scanned Forms for model)

The institution assesses the students' cognitive level and organizes special Programmes for advanced learners and slow learners.

1. Introduction:

University assesses the learning levels of the students and organizes special programmes for advanced and slow learners. At the commencement of every academic year, the University conducts the following programmes and assesses the newly joined students' learning levels through psychometric examination. Based on the psychometric examination, students are classified as slow learners and advanced learners. Besides for students programme such as orientation and bridge course were conducted

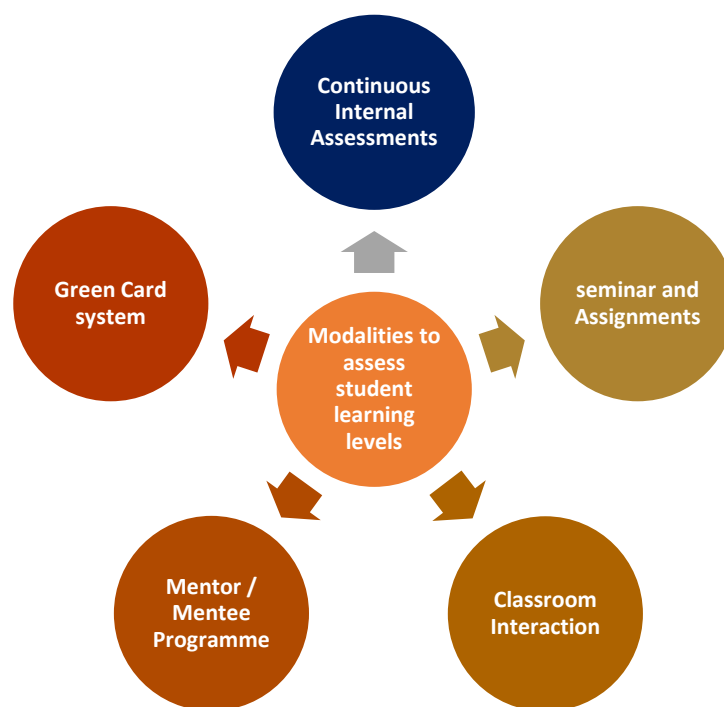**Special programmes for newly joined students**
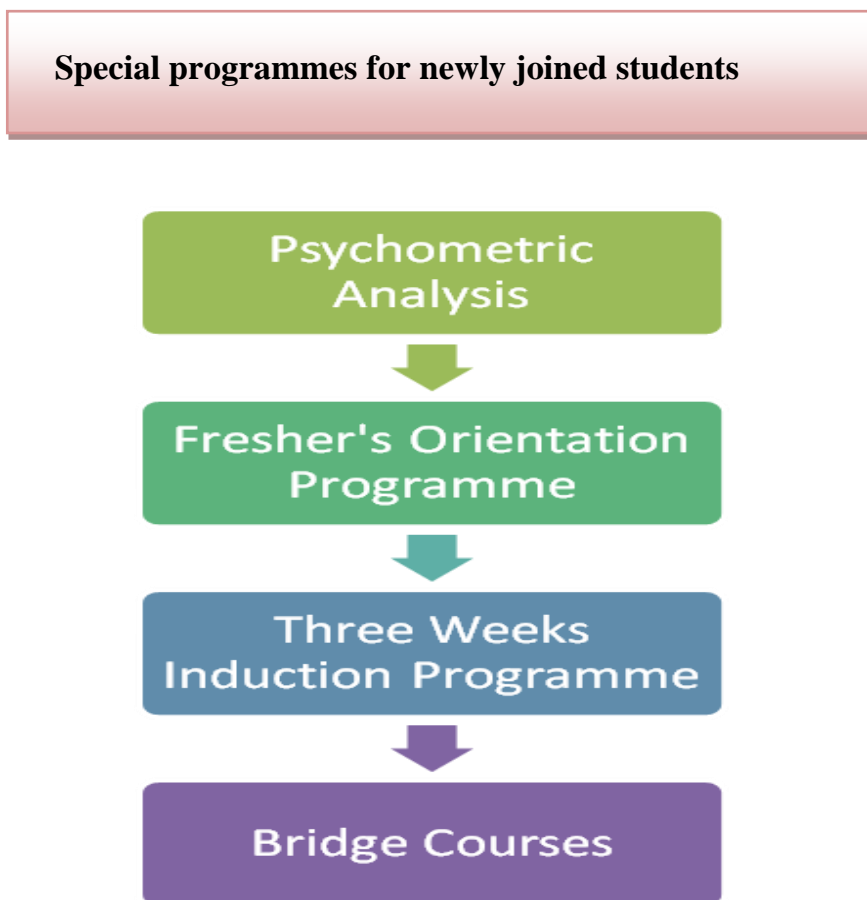
During the Induction Programme and Bridge courses, the students' differential requirements and learning capacities are assessed. Slow and Advanced Learners are grouped to avoid discrimination among the students. However, University organizes special programmes to meet the differential needs of the slow and advanced learners.

Also, along with these programmes, University Departments have their modalities to assess student learning levels through formal mechanisms.

2. Assessment of Slow learners and Advanced Learners

Assessment of Slow learners and Advanced Learners

- Continuous Internal Assessments
- seminar and Assignments
- Classroom Interaction
- Mentor / Mentee Programme
- Green Card system
- Modalities to assess student learning levels

❖ Green Card system (Student Performance Analysis System of the University)

3. Programmes offered to Advanced Learners

1. **Additional Credit Courses-MOOCs:** Advanced learners are provided with the opportunities to undergo online courses through various MOOC platforms, including NPTEL. Students

2. **Conference/Seminar Participations:** Advanced Learners are provided with financial support and mentoring assistance to attend and present their papers in conferences and seminars.

3. **Summer internships and special trainings** are arranged for advanced learners

4. **Student Project Funding** is a University financial assistant scheme to support the innovative projects.

5. **Career Development Centre** organizes various events to promote higher cognitive thinking among advanced learners.

6. **Institutional Innovation Cell and Incubation Cell** promotes the innovative, entrepreneurial contest and events such as Hackathons which is provide a platform to exhibit the talents of advanced learners. University also financially supports the advanced learners to participate in various talent events across the country.

7. Advanced learners are encouraged to be a part of students chapter of professional bodies, such students chapter organizes technical events in which such students participate to show their technical knowledge.

8. Advanced Learners with leadership qualities are identified and provided with **various club, council and co-curricular responsibilities**. They are provided with Badges as a token of appreciation which would also encourage other students to perform well.

4. Programmes offered for the Slow Learners and others

1. **Remedial classes and special coaching classes** are organized for the slow learners to improvise their performance.

2. **Bridge courses** are organized to bridge the gap in fundamental subjects

3. Though the course like **soft skill, professional development courses and spoken English** are offered to all the students, slow learners are provided with additional care and support

4. **Tutorial Classes** are organized to provide a stable learning experience for both slow and advanced learners special attention is given to slow learners during tutorial class

5. **Peer Learning** is promoted among students in assignments, projects and co-curricular activities. The groups are made with a blend of slow and advanced learners to promote peer learning.

6. **Scholarships and Fellowships** are extended to students from socially backward communities. **Fee concessions** are also provided for such students.

7. Slow learners are provided with opportunities to improve their performance in internal assessments by giving additional tests and assignments

8. Parent-Teacher Meetings are organized as part of the Green Card System to improvise the performance of slow learners

9. Question Banks and Study materials are prepared and are made available in the University LMS/Server so that slow learners may have a ready reference.

SAMPLE DOCUMENT FOR SLOW LEARNERS AND ADVANCED LEARNERS

AMET UNIVERSITY

PROFORMA LIST OF SLOW LEARNERS

Department   : Mechanical Engineering   Date : 20-9-21

Course   : B.E (Mech)   Year / Sem / Group: II/III / G1

Subject code : UDMCC02   Subject Name : Thermodyamics

Faculty Name : Mr.P.Ramanathan

S. No	Reg. No/ Roll No.	Name of the student	Selection Criteria	Remarks
1	BME20019	S FAHEEM	c	
2	BME20023	C BHAVANKALYAN	c	

Criteria for Selection:
a) Based on his previous performance
b) Poor performance in the Continuous assessment test
c) Lack of ability to understand, solve problem and interact during class Hours

Signature: Mentor   Head of the Department

AMET UNIVERSITY

Students Monitoring Report - Remedial Class conducted for Slow Learners

Department : Mechanical Engineering

Program : B.E

Subject code : UDMCC02

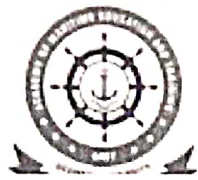Faculty Name : Mr.P.Ramanathan

Year / Sem / Group: II/III

Subject Name : Thermodynamics

S. No	Roll No.	Name of the student	Attendance (Date and Month of Remedial class conducted)							Performance (Test)			Ability			Remarks
			2/17	3/7	2/16	3/9	2/10	15/11	26/11	CAT1 (50)	CAT2 (50)	Model (100)	Underst-anding	Interact ing	Problem Solving	
1	BME20019	S FAHEEM	✓	✓	✓	✓	✓	2	2	34	22	46	✓	✓	✓	
2	BME20023	C BHAVANKALYAN	✓	✓	✓	✓	✓	✓	✓	32	29	60	✓	✓	✓	Good Improvement

Signature:

Mentor

Head of the Department

Lesson Plan for Remedial Class conducted for Slow Learners

Department : Mechanical Engineering   Date : 20.9.21

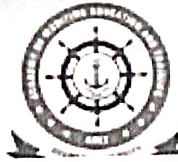Course : B.E   Year / Sem / Group: II/III/G1

Subject code : UDMCC02   Subject Name : Thermodynamics

Faculty Name : Mr.P.Ramanathan

S.No	Planning				Execution		Remarks
	Topic to be covered	Teaching method	Scheduled		Actual		
			Date	Time	Date	Time	
1	Application to closed and open systems - numerical	WB	26.07.21	4-5 pm	26/7	4:15-5:15 pm	✓
2	Steady and unsteady flow processes – Simple calculations	WB	31.07.21	4-5 pm	31/7/21	4:15-5:30 pm	✓
3	numerical in Simple calculations - applications of II law	WB	21.08.21	4-5 pm	21/8	4-5 pm	✓
4	Numerical on Rankine cycle	WB	30.09.21	4-5 pm	30/9	4:15-5:15 pm	✓
5	Numerical on Gas mixture	WB	21.10.21	4-5 pm	21/10/21	4-5 pm	✓
6	Numerical on Otto cycle	WB	15.11.21	4-5 pm	15/11/21	4:15-5:15 pm	✓
7	VCR System	WB	19-11-21	4-5 pm	26/11/21	4:00-530 pm	✓

Lesson Plan Prepared by	Mr.P.Ramanathan		Lesson Plan Approved by	Dr.R.Karthikeyan	
Date			Date		

AMET UNIVERSITY

Feed back on Remedial Class conducted for Slow Learners

Department :Mechanical Engineering

Date: 26.12.21

Course :B.E.,Mechanical Engineering

Year / Sem / Group: III/VI

Subject code : UDMCC02

Subject Name : Thermodyanmics

Faculty Name : Mr.P.Ramanathan

Student Name	Feed back on the Remedial class
S FAHEEM	Remedial Class was very useful
C BHAVANKALYAN	Class was very good.

Signature:

Mentor

Head of the Department

AMET UNIVERSITY

PROFORMA OF LIST OF ACTIVITIES PARTICIPATED BY ADVANCED LEARNERS

Department: Mechanical Engineering

Date: 06.03.2022

Program: B.E

Year/Sem/Group:III/IV/G1

Class Mentor:Mr.P.Ramesh

S.No	Roll No/ Reg.No	Name of the student	List of students Participating						Documents Attached (Detailed Report, certificate, etc.,)
			NPTEL	AMET Seed money project	Mini Project	Paper presentation in Intl/National conference	Innovation programmes	Other professional Events (symposium, workshop, short term training courses, Internship.etc.,)	
1	MEC364	AMOD THAKRE						✓	1. Approval Letter 2.Certificates
2	MEC375	CHARLES PRABAKARAN S						✓	1. Approval Letter 2.Certificates
3	MEC385	GOWTHAM KARUPARTHY						✓	1. Approval Letter 2.Certificates
4	MEC393	JOE JERALD S						✓	1. Approval Letter 2.Certificates
5	MEC395	VESHALKUMAR K						✓	1. Approval Letter 2.Certificates
6	MEC406	MOHAMM						✓	1. Approval Letter

									2.Certificate s
		ED IRFA N B							
7	MEC4 52	SIVA BALA N D						✓	1. Approval Letter 2.Certificate s
8	MEC4 66	VIJAY KRIS HNA. N						✓	1. Approval Letter 2.Certificate s

Class Mentor

Dr R Karthikeyan
HOD / Mech

Hod/Mech

AMET UNIVERSITY

PROFORMA OF LIST OF ADVANCED LEARNERS

Department: Mechanical Engineering　　　　　　　Date: 06.03.2022

Program: B.E　　　　　　　　　　　　　　　　Year/Sem/Group:II/IV/G1

Class Mentor:Mr.P.Ramesh

S.No	Roll No/ Reg.No	Name of the Student	Selection Criteria*	Remarks
1	MEC364	AMOD THAKRE	a, b,d	Students with better modern tool usage, good academic performance, and good communication skills
2	MEC375	CHARLES PRABAKARAN S	a, c	Leadership quality and team work
3	MEC385	GOWTHAM KARUPARTHY	c, d	Team work and good communication skills
4	MEC393	JOE JERALD S	a, c	Leadership quality and team work
5	MEC395	VESHALKUMAR K	a, c	Leadership quality and team work
6	MEC406	MOHAMMED IRFAN B	a, c, d	Good academic performance ,Team work and good communication skills
7	MEC452	SIVABALAN D	a, b, d	Students with better modern tool usage, good academic performance, and good communication skills
8	MEC466	VIJAY KRISHNA.N	a, b	Students with better modern tool usage and

				academic performance

Selection Criteria*

a) Based on student previous academic performance

b) Students with good problem solving and creative skills

c) Students with better modern tool usage

d) Team work and good communication skills

Dr R Karthikeyan
HOD / Mech

Class Mentor   **Hod/Mech**

Indian Society of Heating, Refrigerating & Air Conditioning Engineers (ISHRAE – Kalpakkam Chapter)

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KALPAKKAM CHAPTER

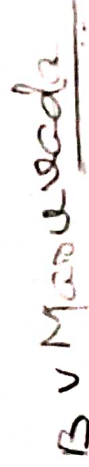150, CWCP building, ESG, IGCAR, Kalpakkam 603 102

40 YEARS OF ISHRAE

LAKSHYA
THEME OF THE YEAR

STUDENTS ISHRAE
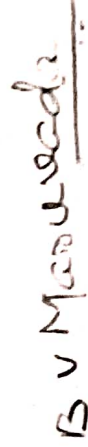
PARTICIPATION CERTIFICATE
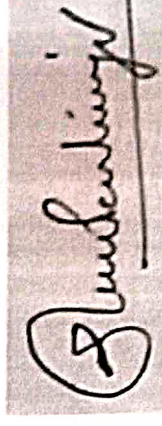
This is to certify that Mr./Ms. AMOD THAKRE, ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) has participated in the Student Webinar on the Topic "Basics of Air Conditioning System and its Application" presented by Mr. V. Rathnakumar , Head, AC & Maintenance Section, ACVSD, IGCAR organized by ISHRAE, Kalpakkam Chapter on 8th May 2021.

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President SY 2021-22

B.V.MARUVADA
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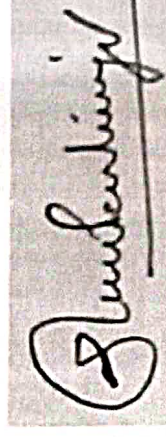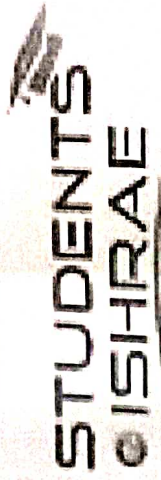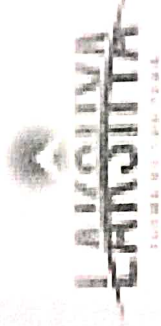ISHRAE

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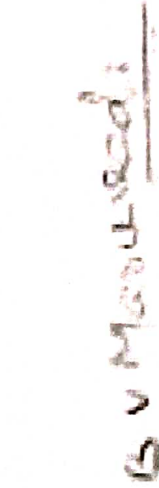
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President SY 2021-22

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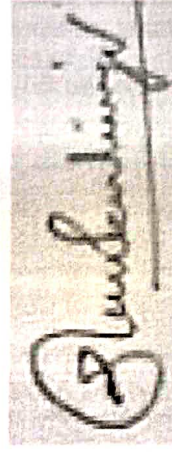
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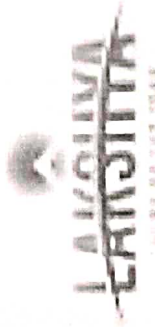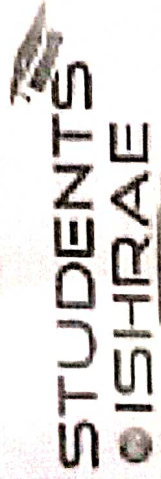
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Certificate of Merit

This is presented to

D.SIVABALAN

of **AMET UNIVERSITY** for the exceptional performance in the virtual quiz" **ADAMO INGENIARE"** organized by **ISHRAE STUDENT CHAPTER of AGNI COLLEGE OF TECHNOLOGY** in collaboration with **ISHRAE KALPAKKAM CHAPTER AND THE SCHOOL OF MECHANICAL SCIENCES** on **19 June 2021.**
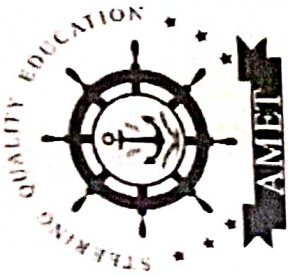
E.Mohanraj

MR. E. MOHANRAJ
Membership Chair & Mentor Student
Activity, ISHRAE Kalpakkam Chapter

MR. S. MARUDHUPANDIYARAJA
Student Activities Chair, ISHRAE Kalpakkam
Chapter

DR. L. RANGANATHAN
Head of the Department,
Mechanical Engineering.
Agni College of Technology

DR. S. CHANDRAVADHANA
Principal,
Agni College of Technology

AMET

(ACADEMY OF MARITIME EDUCATION AND TRAINING)

(A de novo Category DEEMED TO BE UNIVERSITY Under Section 3 of UGC Act 1956)

Internal Quality Assurance Cell (IQAC)

Certificate of Participation

This is to certify that

D SIVABALAN

BE MECHANICAL ENGINEERING

AMET Deemed to be University

has participated in the "Tagore-A Glory of India" - Oratorical Competition for Rabindranath Tagore 160th birthday organised by Internal Quality Assurance Cell (IQAC), AMET Deemed to be University, Chennai on May 9th, 2021.

Certificate No.   EUAB8W-CE000019

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ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University Under Section 3 of UGC Act 1956)

DEPARTMENT OF MARINE ENGINEERING

Organizes

International Level Virtual Conference on

Disruptive Technologies in Maritime Sector: Industry 4.0

Certificate of Participation

This is to certify that Dr. / Mr. / Ms. D.sivabalan ....

of ......AMET Deemed to be University.. has participated in

the International Level Virtual Conference on "Disruptive Technologies in Maritime Sector: Industry 4.0" from

28th June 2021 to 29th June 2021 organized by the Department of Marine Engineering, AMET Deemed to be University,

Chennai.

Prof. C/E Bhoopathy Bhaskaran
Principal, DGS Courses, AMET

Dr. T. Sasilatha
Dean – Academics, AMET

Dr. M. Jayaprakashvel
Registrar i/c, AMET

K-12 ACTIVITY

WORLD REFRIGERATION DAY

ISHRAE

Madurai Chapter

CERTIFICATE

— OF APPRECIATION —

This is to Certify that **D.SIVABALAN** has actively Participated in the K-12 Activity on "World Refrigeration Day E-Quiz" organized by ISHRAE Madurai Chapter from 24.06.2021 to 26.06.2021.

Mr. Jerrin M Thomas
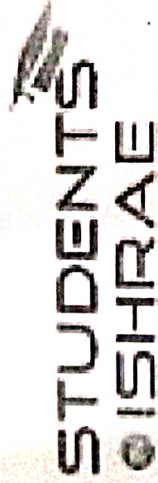K-12 Chair

Mr. K. A. Kaja Mohaideen
Secretary

Dr. K. Srithar
President

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B V Maruvada

V.SURESHKUMAR
President SY 2021-22

B.V.MARUVADA
Secretary SY 2021-22

S.MARUDHUPANDIARAJ
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V.SURESHKUMAR
President SY 2021-22

B.V.MARUVADA
Secretary SY 2021-22

S.MARUDHUPANDIARAJ
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