



KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI, ERODE - 638 060



SCHOOL OF BUILDING AND MECHANICAL SCIENCES
DEPARTMENT OF AUTOMOBILE ENGINEERING

Date: 20.09.21

CIRCULAR

This to inform that a one credit course on “FUEL CELL TECHNOLOGY AND ITS ELECTROCHEMISTRY” will be conducted from 27.09.21 to 18.10.21 for the benefit of IV-Year Automobile Engineering Students. The duration of the course is 30 hours. Interested students are asked to enroll their names to Dr. P. C. Murugan on or before 23.09.21.

Course Faculty

1. Dr. P. C. Murugan/ Associate Professor / KEC
2. Dr. V. Thiagarajan / Assistant Professor (Sr.G)/ KEC


Course Coordinator
(Dr. P. C. Murugan)


HoD/ Automobile Engg.,

Copy to:

1. IV Year Automobile Engineering
2. File

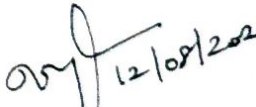
 Estd : 1984	KONGU ENGINEERING COLLEGE (Autonomous) PERUNDURAI – 638060 INTERNAL QUALITY ASSURANCE CELL	 CERT No. 99-100-20788 ISO 9001 : 2015
	Approval for Value Added Course (Two Credits)	

Academic Year: 2021-2022 ODD Semester

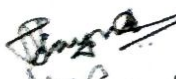
DEPARTMENT OF AUTOMOBILE ENGINEERING

Date: 11-08-2021

1.	Academic Year	:	2021-2022	Semester : ODD			
2.	Course Title	:	FUEL CELL TECHNOLOGY AND ITS ELECTROCHEMISTRY	Credit(s): Two			
3.	Type of Course	:	New Course				
	• If “ Already offered course”,	:	Course Code:	Version:			
4.	Course Coordinator(s)	:	1. Dr. V. Thiagarajan 2. Dr. P. C. Murugan				
5.	Course offered by	:	Internal faculty				
6.	Name and designation of external resource persons	:	Nil				
7.	Details about external organization	:	Nil				
8.	Course fee for external experts		Max. number of students/Batch		Course fee / student		
	-		30		-		
9.	No. of days	Period	No. of hours		Venue/ Meet ID		
	From	To	Lecture	Practical	Total	Online Class	
	30	01.09.2021	05.10.2021	30	-	30	https://meet.google.com/lookup/c/oe6zuvjft
10.	Pre-requisites for offering the course	:	NA				
11.	Course offered to	:	Programme	Branch	Year/Semester		
			B.E	Automobile Engineering	IV year		
12.	Course Contents	Main	Day 1	Introduction – Energy demands – Green Energy			
			Day 2	A brief history – Types – Working Principle			
			Day 3	Importance of Fuel Cell Over Battery – Next generation power source			
			Day 4	Power range - Merits and Demerits - Applications			
			Day 5	Performance Characteristics and Test Setup			

		Day 6	Cell Design and Construction of Single Cell		
		Day 7	Fabrication of Electrodes		
		Day 8	Fuel Cell Stacks		
		Day 9	Bi-Polar Plate, Humidifiers and Cooling Plates		
		Day 10	Introduction to Electrochemistry of Fuel Cell		
		Day 11	Materials and Methodology		
		Day 12	Physicochemical Characterization XRD, HRTEM		
		Day 13	SEM, TGA analysis		
		Day 14	Electrochemical Characterization CV		
		Day 15	CA Techniques and analysis, Aging Characteristics		
		Day 16	Experimental Setup for Fuel Cell Testing		
		Day 17	Hydrogen production techniques, Storage Tank designs		
		Day 18	Application to fuel cell and FCT powered vehicles		
		Day 19	Case study		
		Day 20	Case study		
13.	Course Outcomes	:	After completing the course, the student will be able to: • The students will understand the impact of this promising technology in a global and clean power sustainability. • Understanding of performance behaviour, operational issues and challenges for all major types of fuel cells • The students will know different specific developments on Fuel Cells which are available today. • Develop enough skills to design and analysis of innovative fuel cell systems and Be ready to begin a career as an futuristic energy engineer		
14.	Course Assessment (Min. 2)	:	S. No.	Type	Max. Marks
			1.	Assessment Test I	50 Marks
			2.	Assessment Test II	50 Marks
				Total	100 Marks
15.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student. Certify that the course content, credits and grade are approved in the BOS meeting or approved by internal BOS members and will be ratified in the next BOS meeting				
	 12/08/2022 (Signature of the HoD after verification)				
16.	Any other details	:			

The above proposal may kindly be approved.

 [Dr. V. THIAGARAJAN]
 (Dr. P. C. MURUGAN)
 Course coordinators(s)


 HOD


 Chief Coordinator/Academic

Encl:

1. Copy of the syllabus of the course
2. Financial proposal from the external organization (if any)

18VAC34 – FUEL CELL TECHNOLOGY AND ITS ELECTROCHEMISTRY

L	T	P	Credit
2	0	0	2

Preamble	This course addresses the various futuristic developments on alternate power source for the sustainable environment.		
Unit - I	Fuel Cell Technology:		10
Introduction - Energy - Fuel Cell: A Green and Clean Energy Technology - History of Fuel Cell- Importance of Fuel Cell Over Battery - Types of Fuel Cells and Its Working- Power Range of Fuel Cells - Performance Evaluation of Fuel Cell - Merits and Demerits of Fuel Cells.			
Unit - II	Fuel Cell Performance:		10
Performance Characteristics and Test Setup- Current/Voltage, Voltage Efficiency and Power Density, Cell Design and Construction of Single Cell - Fabrication of Electrodes: Catalyst Ink Preparation - Coating Technique - Membrane Treatment - MEA Fabrication, Fuel Cell Stacks, Bi-Polar Plate, Humidifiers and Cooling Plates.			
Unit- III	Electrochemistry of Fuel Cell:		10
Materials and Methodology - Catalyst Preparation Techniques- Physicochemical Characterization: X-Ray Diffraction - Transmission Electron Microscope - Scanning Electron Microscopy - Electrochemical Set-Up and Characterization: Cyclic Voltammetry - Chronoamperometry - TAFEL Polarization.			

Total:30

REFERENCES:

1. Frano Babir, "PEM Fuel Cells: Theory and Practice", Elsevier Academic Press, USA, 2005.
2. Mehrdad Ehsani, Yimin Gao, Sebastien E. Gay and Ali Emadi, "Modern Electric, Hybrid Electric and Fuel Cell Vehicles, Fundamental, Theory and Design", CRS Press, USA, 2004.
3. Hutchings G., Polshettiwar V. and Asefa T., "Nanocatalysis Synthesis and Applications", Hoboken, NJ, John Wiley & Sons, Inc., USA, 2013.
4. Thring R. H., "Fuel cells for Automotive Applications", Professional Engineering Publishing, UK, 2004.

COURSEOUTCOMES:

On completion of the course, the students will be able to

		BT Mapped (Highest Level)
CO1	understand the basic concepts of fuel cells and its importance for clean sustainability	Understanding(K2)
CO2	recognize the performance, operational issues and challenges of different fuel cells	Understanding(K2)
CO3	outline the identify the suitable energy materials and its applications	Understanding(K2)
CO4	review an energy based systems from materials research to product development	Understanding(K2)

Mapping of COs with POs and PSOs

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3	2	1	1	2	2					1		3
CO2	3	3	2	1	1	2	2					1		3
CO3	3	3	2	1	1	2	2					1		3
CO4	3	3	2	1	1	2	2					1		3

1 – Slight, 2 – Moderate, 3 – Substantial, BT- Bloom's Taxonomy

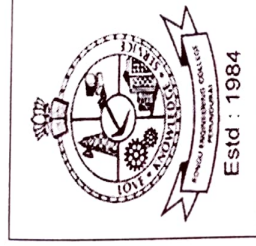
ASSESSMENT PATTERN - THEORY

Test / Bloom's Category*	Remembering (K1) %	Understanding (K2) %	Applying (K3) %	Analyzing (K4) %	Evaluating (K5) %	Creating (K6) %	Total %
Test1-(50 marks)	46	54					100
Test2-(50 marks)	45	55					100

17/11/21
Dr. R. K. Marudan

17/11/21
Signature of the Chairman
Board of Studies

Signature



KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI – 638060

INTERNAL QUALITY ASSURANCE CELL

Department of Automobile Engineering

Attendance Sheet



CERT No.: 98-100-20768
ISO 9001 : 2015

Title of the Course: 18VAC34 FUEL CELL TECHNOLOGY AND ITS ELECTROCHEMISTRY

Date: From 27-09-2021 to 18-10-2021

ROLL NUMBER WITH NAME	27-09-21	28-09-21	29-09-21	02-10-21	02-10-21	04-10-21	05-10-21	06-10-21	07-10-21	08-10-21	13-10-21	14-10-21	15-10-21	16-10-21	18-10-21	Total hours Conducted	Total hours Absent	Total hours Present	% of Attendance
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	30	4	26	86.67
18AUR001 ABISHEK .K.R	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR002 AKASH .B	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	30	2	28	93.33
18AUR003 BABU .P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR004 BENSIGAR .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR005 BHARATH .G	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR006 DEEPAN CHAKRAWARTHI .J	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	30	2	28	93.33
18AUR007 DHAYA BALAJI .B	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR008 DHIVAGAR .A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR009 DINESH .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR010 ELAMPARUTHI .S	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR011 GIRIDHAR .A.S	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR012 GIRIPRASAD .S	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR013 GODWIN JOSHUA .G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR014 GUHANESH .K	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR015 GUNASEKAR .K	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR016 HARI PRASATH .G	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR017 HARISHKUMAR .M.R	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR018 ILAMPARITHI .K	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	30	2	28	93.33

ROLL NUMBER WITH NAME	27-09-21	28-09-21	29-09-21	02-10-21	02-10-21	04-10-21	05-10-21	06-10-21	07-10-21	08-10-21	13-10-21	14-10-21	15-10-21	16-10-21	18-10-21	Total hours Conducted	Total hours Absent	Total hours Present	% of Attendance
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	30	4	26	86.67
18AUR019 JAYAKUMAR .B	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR020 JIIVA .K	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR022 KAVINRAJ .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR023 MANOKARTHIK .S	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR024 MANOSHRINIVAS .N.M	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR025 MOUNESH RAJA .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR026 MUKESH MADHAV .K	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	30	6	24	80.00
18AUR027 NITHEESH .M.R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR028 PRADEEPKUMAR .T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR030 RAHUL .P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	30	4	26	86.67
18AUR031 RASVANTH .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR032 RAVI RAM .B	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	30	4	26	86.67
18AUR033 SAKTHIVEL .T	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	30	4	26	86.67
18AUR034 SARAN KARUNESH KUMAR .J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR035 SARAVANAKUMAR .N	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR036 SHABESH .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR038 SOUNDARA BARANIDARAN .D	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR039 SRI RAM .T	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUR040 SUGANTH .S	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	30	4	26	86.67
18AUR041 SURYA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR042 SUTHIR KUMAR .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR043 SYED SHALIQ .S	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	30	2	28	93.33
18AUR044 TAMILMANI .S	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	30	4	26	86.67
18AUR045 VETRIPRASATH .K	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	30	2	28	93.33
18AUR046 VIGNESH .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUR047 YOKESVARAN .R.K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL048 DHARISH JOE .L	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	30	2	28	93.33

ROLL NUMBER WITH NAME	27-09-21	28-09-21	29-09-21	02-10-21	02-10-21	02-10-21	04-10-21	05-10-21	06-10-21	07-10-21	08-10-21	13-10-21	14-10-21	15-10-21	16-10-21	18-10-21	Total hours Conducted	Total hours Absent	Total hours Present	% of Attendance
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	30	2	28	93.33
18AUL049 HARIHARASUDHAN .C	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	30	2	28	93.33
18AUL051 KARTHEEBANRAJ .S	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	30	4	26	86.67
18AUL052 KODESWARAN .S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	30	2	28	93.33
18AUL053 LOGESHKAR .D.K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL054 NITHISH KUMAR .P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL055 PRABAKARAN .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL056 RAGUL .P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL057 REVANTH .G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL058 SARUKESH .E	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	30	4	26	86.67
18AUL059 SATHISH RAJA GEORGE .A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	30	0	30	100.00
18AUL060 SOUNDAPPAN J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	2	28	93.33
18AUL061 SUGAPRASANTH .R	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	30	4	26	86.67
18AUL063 VIGNESH .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL064 VIGNESH .N.V.R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
18AUL066 VIJITH .O.M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30	0	30	100.00
17AUR051 VASANTH .S	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	30	4	26	86.67


 20.10.21
 Course Coordinator


 20/10/21
 HoD/Auto



KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI, ERODE - 638 060

SCHOOL OF BUILDING AND MECHANICAL SCIENCES

DEPARTMENT OF AUTOMOBILE ENGINEERING

TWO-CREDIT COURSE - FUEL CELL AND ITS ELECTROCHEMISTRY

Date : 02/11/2021

CAT-I MARK SHEET



CERT No. 99-100-20765
ISO 9001:2015

SL. NO.	ROLL NUMBER WITH NAME	MARKS
1.	18AUR001 ABISHEK .K.R	82
2.	18AUR002 AKASH .B	82
3.	18AUR003 BABU .P	64
4.	18AUR004 BENSIGAR .S	78
5.	18AUR005 BHARATH .G	80
6.	18AUR006 DEEPAN CHAKRAWARTHI .J	74
7.	18AUR007 DHAYA BALAJI .B	94
8.	18AUR008 DHIVAGAR .A	84
9.	18AUR009 DINESH .S	78
10.	18AUR010 ELAMPARUTHI .S	66
11.	18AUR011 GIRIDHAR .A.S	72
12.	18AUR012 GIRIPRASAD .S	92
13.	18AUR013 GODWIN JOSHUA .G	92
14.	18AUR014 GUHANESH .K	86
15.	18AUR015 GUNASEKAR .K	82
16.	18AUR016 HARI PRASATH .G	90
17.	18AUR017 HARISHKUMAR .M.R	76
18.	18AUR018 ILAMPARITHI .K	90
19.	18AUR019 JAYAKUMAR .B	74
20.	18AUR020 JIIVA .K	72
21.	18AUR022 KAVINRAJ .S	90
22.	18AUR023 MANOKARTHIK .S	88
23.	18AUR024 MANOSHRINIVAS .N.M	94
24.	18AUR025 MOUNESH RAJA .V	86
25.	18AUR026 MUKESH MADHAV .K	80
26.	18AUR027 NITHEESH .M.R	76
27.	18AUR028 PRADEEPKUMAR .T	90
28.	18AUR030 RAHUL .P	84
29.	18AUR031 RASVANTH .V	74
30.	18AUR032 RAVI RAM .B	76
31.	18AUR033 SAKTHIVEL .T	82
32.	18AUR034 SARAN KARUNESH KUMAR .J	80
33.	18AUR035 SARAVANAKUMAR .N	78
34.	18AUR036 SHABESH .R	78
35.	18AUR038 SOUNDARA BARANIDARAN .D	74
36.	18AUR039 SRI RAM .T	84

SL. NO.	ROLL NUMBER WITH NAME	MARKS
37.	18AUR040 SUGANTH .S	88
38.	18AUR041 SURYA .R	86
39.	18AUR042 SUTHIR KUMAR .K	88
40.	18AUR043 SYED SHALIQ .S	94
41.	18AUR044 TAMILMANI .S	80
42.	18AUR045 VETRI PRASATH .K	80
43.	18AUR046 VIGNESH .R	90
44.	18AUR047 YOKESVARAN .R.K	78
45.	18AUL048 DHARISH JOE .L	84
46.	18AUL049 HARIHARASUDHAN .C	82
47.	18AUL051 KARTHEEBANRAJ .S	88
48.	18AUL052 KODESWARAN .S	50
49.	18AUL053 LOGESHKAR .D.K	70
50.	18AUL054 NITHISH KUMAR .P	76
51.	18AUL055 PRABAKARAN .M	66
52.	18AUL056 RAGUL .P	82
53.	18AUL057 REVANTH .G	50
54.	18AUL058 SARUKESH .E	80
55.	18AUL059 SATHISH RAJA GEORGE .A	70
56.	18AUL060 SOUNDAPPAN J	76
57.	18AUL061 SUGAPRASANTH .R	52
58.	18AUL063 VIGNESH .M	74
59.	18AUL064 VIGNESH .N.V.R	82
60.	18AUL066 VIJITH .O.M	62
61.	17AUR051 VASANTH .S	76

42
Course Coordinators

07/02/21
HoD / Automobile Engg.



KONGU ENGINEERING COLLEGE

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PERUNDURAI, ERODE - 638 060



CERT No : 39-100-20788
ISO 9001:2015

SCHOOL OF BUILDING AND MECHANICAL SCIENCES
DEPARTMENT OF AUTOMOBILE ENGINEERING
**TWO-CREDIT COURSE - FUEL CELL AND ITS
ELECTROCHEMISTRY**

Date : 12/11/2021

CAT-II MARK SHEET

SL. NO.	ROLL NUMBER WITH NAME	MARKS
1.	18AUR001 ABISHEK .K.R	62
2.	18AUR002 AKASH .B	72
3.	18AUR003 BABU .P	88
4.	18AUR004 BENSIGAR .S	86
5.	18AUR005 BHARATH .G	66
6.	18AUR006 DEEPAN CHAKRAWARTHI .J	76
7.	18AUR007 DHAYA BALAJI .B	78
8.	18AUR008 DHIVAGAR .A	74
9.	18AUR009 DINESH .S	74
10.	18AUR010 ELAMPARUTHI .S	74
11.	18AUR011 GIRIDHAR .A.S	72
12.	18AUR012 GIRIPRASAD .S	66
13.	18AUR013 GODWIN JOSHUA .G	66
14.	18AUR014 GUHANESH .K	74
15.	18AUR015 GUNASEKAR .K	86
16.	18AUR016 HARI PRASATH .G	70
17.	18AUR017 HARISHKUMAR .M.R	58
18.	18AUR018 ILAMPARITHI .K	70
19.	18AUR019 JAYAKUMAR .B	82
20.	18AUR020 JIIVA .K	78
21.	18AUR022 KAVINRAJ .S	80
22.	18AUR023 MANOKARTHIK .S	62
23.	18AUR024 MANOSHRINIVAS .N.M	90
24.	18AUR025 MOUNESH RAJA .V	76
25.	18AUR026 MUKESH MADHAV .K	76
26.	18AUR027 NITHEESH .M.R	80
27.	18AUR028 PRADEEPKUMAR .T	80
28.	18AUR030 RAHUL .P	72
29.	18AUR031 RASVANTH .V	72
30.	18AUR032 RAVI RAM .B	70
31.	18AUR033 SAKTHIVEL .T	66
32.	18AUR034 SARAN KARUNESH KUMAR .J	64
33.	18AUR035 SARAVANAKUMAR .N	70
34.	18AUR036 SHABESH .R	80
35.	18AUR038 SOUNDARA BARANIDARAN .D	54
36.	18AUR039 SRI RAM .T	78

SL. NO.	ROLL NUMBER WITH NAME	MARKS
37.	18AUR040 SUGANTH .S	
38.	18AUR041 SURYA .R	78
39.	18AUR042 SUTHIR KUMAR .K	88
40.	18AUR043 SYED SHALIQ .S	68
41.	18AUR044 TAMILMANI .S	80
42.	18AUR045 VETRI PRASATH .K	68
43.	18AUR046 VIGNESH .R	76
44.	18AUR047 YOKESVARAN .R.K	90
45.	18AUL048 DHARISH JOE .L	62
46.	18AUL049 HARIHARASUDHAN .C	62
47.	18AUL051 KARTHEEBANRAJ .S	82
48.	18AUL052 KODESWARAN .S	64
49.	18AUL053 LOGESHKAR .D.K	58
50.	18AUL054 NITHISH KUMAR .P	74
51.	18AUL055 PRABAKARAN .M	72
52.	18AUL056 RAGUL .P	60
53.	18AUL057 REVANTH .G	72
54.	18AUL058 SARUKESH .E	52
55.	18AUL059 SATHISH RAJA GEORGE .A	68
56.	18AUL060 SOUNDAPPAN J	70
57.	18AUL061 SUGAPRASANTH .R	52
58.	18AUL063 VIGNESH .M	66
59.	18AUL064 VIGNESH .N.V.R	68
60.	18AUL066 VIJITH .O.M	76
61.	17AUR051 VASANTH .S	56
		66

Course Coordinators

97/12/11/21
HoD/ Automobile Engg.