

CERTIFICATE

This is to certify that PITS Conducted 240 Add-On / Certificate programs in all the departments during the last five years and the details are annexed below.

Year	No. of Add – On Courses						
	Aero	Civil	CSE	EEE	ECE	MECH	Total
2019 – 20	8	8	8	8	8	8	48
2018 – 19	8	8	8	8	8	8	48
2017 – 18	8	8	8	8	8	8	48
2016 – 17	8	8	8	8	8	8	48
2015 – 16	8	8	8	8	8	8	48

Evidences Attached:

1. Circular (Date of commencement, Course code, Name of the course and Name of the class coordinator)
2. Syllabus and List of students enrolled
3. Questions for evaluation and Result sheet with grade
4. Summary report for the offered courses
5. Certificate of completion


IQAC Coordinator
PARISUTHAM INSTITUTE
OF TECHNOLOGY & SCIENCE,
KAMARAJ NAGAR,
NH67 RING ROAD,
THANJAVUR - 613 006 (TN)


Vice Principal
PARISUTHAM INSTITUTE
OF TECHNOLOGY & SCIENCE,
KAMARAJ NAGAR,
NH67 RING ROAD,
THANJAVUR - 613 006 (TN)


Principal
Dr.J.NIRMALA, M.Tech., Ph.D.
Principal,
Parisutham Institute of Technology & Science,
Thanjavur - 613 006.
Tamilnadu, India



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
(Approved by AICTE, Affiliated to Anna University, Chennai, India)
NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / EVEN SEMESTER

Date: 16-12-2019

CIRCULAR

Add-on courses for II Year/IV Semester aeronautical students are scheduled to start from 19th December 2019 to 17th March 2020. All the students must ensure 75% attendance all through the course. All mentors needs to send the compiled feedback report to Mr.Vairamuthu.N, HoD/Aero at vairamaerospace@gmail.com.

Agenda: AE1907- Advanced Technology in Aircraft Propulsion

Course Co-ordinator: Mr.M.F.Mohamed Hussain

Copy to:

1. The Principal for information
2. Co-Ordinator – IQAC
3. Students Notice Boards
4. Class Co-ordinators
5. Stock File

HoD/Aero



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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / EVEN SEMESTER

AE1907- ADVANCED TECHNOLOGY IN AIRCRAFT PROPULSION

SYLLABUS

(Prepared By: M.F.Mohamed Hussain-AP/Aero)

S.NO	TOPIC COVERED	DURATION (in hours)
1	Introduction to advanced propulsion systems.	3
2	Electric rocket propulsion	3
3	Types of electric propulsion techniques	3
4	Ion propulsion	3
5	Nuclear rocket	3
6	Comparison of performance of these propulsion systems with chemical rocket propulsion	3
7	Future applications of electric propulsion systems	3
8	Current scenario of advanced propulsion projects worldwide	3
9	Solar sail systems	3
10	Salient features of liquid propellant rockets	3

TOTAL: 30 HOURS

Assessment method:

S – (91 – 100)

A – (81 – 90)

B – (71 – 80)

C – (61 – 70)

D – (57 – 60)

E – (50 – 56)

U – (<50)

Course Co-ordinator

HoD/Aero



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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / EVEN SEMESTER

AE1907- ADVANCED TECHNOLOGY IN AIRCRAFT PROPULSION

LIST OF REGISTERED STUDENTS

S.NO	REG NO	NAME OF THE STUDENTS
1	821318101001	GARBARAKASHA.S
2	821318101002	KARTHIKEYAN.S
3	821318101003	KIRAN ESWAR.K
4	821318101004	NIHIL.R
5	821318101005	PREETHI.M.V
6	821318101006	RAJAKUMARI.P
7	821318101007	SATHESWARAN.B
8	821318101008	SIDHARTHAN.E
9	821318101010	VIGNESHWARAN.K
10	821318101011	VIVEKANANDHAN.K
11	821318101012	YAGNESHWARAN.K

Course Co-ordinator

HoD/Aero



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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / EVEN SEMESTER

AE1907- ADVANCED TECHNOLOGY IN AIRCRAFT PROPULSION

QUESTION PAPER

Duration: 120 mins

5 x 10= 50 marks

Answer the following all questions. Each question carries 10 marks.

1. Explain in detail about salient features of liquid propellant rockets with a neat sketch.
2. Explain in detail about Electric rocket propulsion.
3. Explain in detail about Ion propulsion.
4. Explain in detail about solar sail systems.
5. Explain in detail about chemical rocket propulsion.

Course Co-ordinator

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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / EVEN SEMESTER

AE1907- ADVANCED TECHNOLOGY IN AIRCRAFT PROPULSION

RESULT SHEET

S.NO	REG NO	NAME	GRADES	PASS/FAIL
1	821318101001	GARBARAKASHA.S	A	PASS
2	821318101002	KARTHIKEYAN.S	S	PASS
3	821318101003	KIRAN ESWAR.K	S	PASS
4	821318101004	NIHIL.R	S	PASS
5	821318101005	PREETHI.M.V	A	PASS
6	821318101006	RAJAKUMARI.P	S	PASS
7	821318101007	SATHESWARAN.B	S	PASS
8	821318101008	SIDHARTHAN.E	B	PASS
9	821318101010	VIGNESHWARAN.K	S	PASS
10	821318101011	VIVEKANANDHAN.K	A	PASS
11	821318101012	YAGNESHWARAN.K	A	PASS

No of students Registered = 11

No of students Passed = 11

No of students Failed = 0

Course Co-ordinator

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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / EVEN SEMESTER

AE1907- ADVANCED TECHNOLOGY IN AIRCRAFT PROPULSION

SUMMARY REPORT

- Students learnt to apply control volume analysis and the integral momentum equation to estimate the forces produced by aerospace propulsion systems
- Students learnt to describe the principal figures of merit for aircraft engine and rocket motor performance and explain how they are related to vehicle performance
- Students learnt to estimate the power required for flight, the range, the endurance, and the time-to-climb for an aircraft and to estimate the range and velocity of single-stage rockets.
- Students learnt the principal design parameters and constraints that set the performance of gas turbine engines, and to apply ideal-cycle analysis to a gas turbine engine to relate thrust and fuel burn to component-level performance parameters and flight conditions.



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DEPARTMENT OF AERONAUTICAL ENGINEERING

VALUE ADDED COURSE
AY: 2019-2020 (EVEN SEM)

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Mrs. / Ms. K.VIGNESHWARAN, IIyr./ IV sem.
has successfully completed the value added course on “Advanced Technology in Aircraft Propulsion”
from 19th December 2019 to 17th March 2020.

Course Co-ordinator

HoD/Aero



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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / ODD SEMESTER

Date: 03-07-2019

CIRCULAR

Add-on courses for III Year/V Semester aeronautical students are scheduled to start from 15th July 2019 to 18th October 2019. All the students must ensure 75% attendance all through the course. All mentors needs to send the compiled feedback report to Mr.T. Anbarasan, HOD/Aero at anbarasan.falcon@gmail.com.

Agenda: AE1902–Mechanics of Flight

Course Coordinator: Mr.V.Keerthivasan

Copy to:

1. The Principal for information
2. Co-Ordinator – IQAC
3. Students Notice Boards
4. Class Co-ordinators
5. Stock File.

HoD/Aero



DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / ODD SEMESTER

AE1902–MECHANICS OF FLIGHT

SYLLABUS

(Prepared By: V.Keerthivasan-AP/Aero)

S.NO	TOPIC COVERED	DURATION (in hours)
1	Review of basic aerodynamics	3
2	Aerodynamic analysis method and tools	3
3	Practical demo of lighter than aircraft	3
4	Review of basic propulsion	3
5	Modeling of aircraft turbofan engine	3
6	Aircraft performance	3
7	Aircraft equations of motion (EoM)	3
8	Matlab-modeling of aircraft	3
9	Aircraft static stability	3
10	Analysis tool of stability	3

TOTAL: 30 HOURS

Assessment method:

S – (91 – 100)

A – (81 – 90)

B – (71 – 80)

C – (61 – 70)

D – (57 – 60)

E – (50 – 56)

U – (<50)

Course Co-ordinator

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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / ODD SEMESTER

AE1902–MECHANICS OF FLIGHT

LIST OF REGISTERED STUDENTS

S.NO	REG.NO	NAME OF THE STUDENTS
1	821317101003	C.MADESHWARAN
2	821317101004	S.NEEVIHA GAYATHRI
3	821317101005	S.K.NITHARSHANA JUVALA
4	821317101007	M.PRAVIN
5	821317101008	N.RAJARAJAN
6	821317101010	R.SARANRAJ
7	821317101011	R.SARO
8	821317101012	R.VISHVA
9	821317101301	P.JAGANNATHAN
10	821317101701	S.RAJ MOHAMED

Course Co-ordinator

HoD/Aero



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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / ODD SEMESTER

AE1902–MECHANICS OF FLIGHT

QUESTION PAPER

Duration: 120 mins

5 x 10 = 50 marks

Answer the following all questions. Each question carries 10 marks.

1. Draw and explain the significance of load factor.
2. For turbojet driven airplane at what $V/V_L/D$ max min or max occurs. Also for the turbo-propeller driven airplane at what $V/V_L/D$ max, R/C max or R/S min occurs.
3. Draw PR versus V graph of turbo propeller airplane and indicate $V_{max E}$ and $V_{max R}$ in it.
4. A jet aircraft with a wing loading 2.4 k N/m^2 and mass of 4500 kg has a maximum thrust of 30 k N at sea level. If the drag coefficient at a speed of 450 km/hr is 0.04 . What will be the maximum possible climb and the greatest climb angle?
5. Explain the significance of Aircraft static stability.

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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / ODD SEMESTER

AE1902–MECHANICS OF FLIGHT

RESULT SHEET

S.NO	REG.NO	NAME	GRADES	PASS/FAIL
1	821317101003	C.MADESHWARAN	S	PASS
2	821317101004	S.NEEVIHA GAYATHRI	S	PASS
3	821317101005	S.K.NITHARSHANA JUVALA	S	PASS
4	821317101007	M.PRAVIN	A	PASS
5	821317101008	N.RAJARAJAN	B	PASS
6	821317101010	R.SARANRAJ	S	PASS
7	821317101011	R.SARO	S	PASS
8	821317101012	R.VISHVA	A	PASS
9	821317101301	P.JAGANNATHAN	S	PASS
10	821317101701	S.RAJ MOHAMED	S	PASS

No of students Registered = 10

No of students Passed = 10

No of students Failed = 0

Course Co-ordinator

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DEPARTMENT OF AERONAUTICAL ENGINEERING

ACADEMIC YEAR 2019-2020 / ODD SEMESTER

AE1902–MECHANICS OF FLIGHT

SUMMARY REPORT

- Students became proficient in evaluating basic aerodynamic and flight performance characteristics of aircraft.
- Students had a clear understanding of the fundamental concepts leading to aircraft static stability and dynamic stability.
- Students gained the knowledge of flight maneuvers, performance in level flight, minimum drag and power required, climbing, gliding and turning flight, v-n diagram and load factor.



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DEPARTMENT OF AERONAUTICAL ENGINEERING

VALUE ADDED COURSE
AY: 2019-2020 (ODD SEM)

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Mrs. / Ms. R.SARO, III yr./ V sem.
has successfully completed the value added course on "Mechanics of Flight"
from 15th July 2019 to 18th October 2019.

Course Co-ordinator

HoD/Aero



DEPARTMENT OF CIVL ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

Date: **28/07/2018**

DEPARTMENT CIRCULAR

Add-on courses to be offered by the Department during the odd Semester of the academic year 2018 - 2019 are listed below. Interested students can register their name with the course coordinator on or before **04 August 2018**. All the students should maintain 75% attendance.

Name of the Course	Course Code	Course Co-ordinator
Intro of Revit Architecture	CE1803	Ms. P. Sujitha Magdalene

Classes for all courses are scheduled to begin on **6 AUGUST 2018**

HOD-CE

Copy to:

1. The Principal for Information
2. Co-Ordinator/IQAC
3. Students Notice Board

DEPARTMENT OF CIVL ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

CE1803 - INTRO OF REVIT ARCHITECTURE

SYLLABUS

(Prepared By: Ms. P.Sujitha Magdalene – AP / CIVIL)

S.NO	TOPIC COVERED	DURATION (in hours)
1	Building Information Modeling	3
2	Revit Architecture History Features Start a New Project	3
3	Revit Fundamentals	3
4	Architectural Design Options	3
5	Basic Modify and Reporting Tools	3
6	Core and Shell, Walls	3
7	Stairs and Railings, Building Interiors	3
8	Building Elements	3
9	Revit File Types	3
10	Exploring User Interface	3

TOTAL: 30 HOURS

Assessment method:

- S – (91 – 100)
- A – (81 – 90)
- B – (71 – 80)
- C – (61 – 70)
- D – (57 – 60)
- E – (50 – 56)
- U – (<50)



Course Co-ordinator



HOD-CE

DEPARTMENT OF CIVL ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

CE1803 - INTRO OF REVIT ARCHITECTURE

LIST OF REGISTERED STUDENTS

S.NO	REG .NO	NAME
1	821317103001	M.AATHIRAM
2	821317103002	B.ABIBALAA
3	821317103003	K.AMIRTHA VARSHINI
4	821317103005	S.FATHIMA VAVU
5	821317103006	J.HARIHARAN
6	821317103009	K.KARTHIK
7	821317103011	M.NETHAJI
8	821317103012	N.NIRMAL KUMAR
9	821317103013	R.NISHANTH
10	821317103014	R.PARDEEPAN
11	821317103016	T.PRASITHA
12	821317103017	K.PRAVEEN
13	821317103018	P.PRUTHIVI RAJ
14	821317103019	V.SANDHYA
15	821317103020	D.SATHISHKUMAR
16	821317103021	S.SNEGA
17	821317103022	G.K.SWARNALAKSHMI
18	821317103023	M.SWETHA
19	821317103024	SYED RAFYUDDIN
20	821317103025	M.TAMILSELVAM
21	821317103026	V.VASANTHAKUMAR
22	821317103028	C.VINOTH
23	821317103301	V.AAKASH
24	821317103302	U.HARIHARAN
25	821317103701	MESHACH RAJDASON
26	821317103303	R.RAVINDRAN


Course Co-ordinator


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

DEPARTMENT OF CIVIL ENGINEERING

CE1803 - INTRO OF REVIT ARCHITECTURE

QUESTIONS

Duration: 120min

5 x10= 50marks

Answer the following all questions. Each question carries 10 marks.

1. Explain what is Revit Architecture?
2. Mention what are the advantages of using Revit Architecture?
3. List the file types used in Revit Architecture?
4. Explain how you can define level in Revit Architecture?
5. Explain how you can add structural columns in Revit Architecture?

HOD-CE

DEPARTMENT OF CIVL ENGINEERING

RESULT SHEET FOR REGISTERED STUDENTS

S.NO	REG .NO	NAME	GRADE	RESULT (PASS/ FAIL)
1	821317103001	M.AATHIRAM	A	PASS
2	821317103002	B.ABIBALAA	S	PASS
3	821317103003	K.AMIRTHA VARSHINI	S	PASS
4	821317103005	S.FATHIMA VAVU	S	PASS
5	821317103006	J.HARIHARAN	S	PASS
6	821317103009	K.KARTHIK	S	PASS
7	821317103011	M.NETHAJI	A	PASS
8	821317103012	N.NIRMAL KUMAR	S	PASS
9	821317103013	R.NISHANTH	S	PASS
10	821317103014	R.PARDEEPAN	A	PASS
11	821317103016	T.PRASITHA	S	PASS
12	821317103017	K.PRAVEEN	S	PASS
13	821317103018	P.PRUTHIVI RAJ	S	PASS
14	821317103019	V.SANDHYA	S	PASS
15	821317103020	D.SATHISHKUMAR	S	PASS
16	821317103021	S.SNEGA	S	PASS
17	821317103022	G.K.SWARNALAKSHMI	S	PASS
18	821317103023	M.SWETHA	S	PASS
19	821317103024	SYED RAFYUDDIN	S	PASS
20	821317103025	M.TAMILSELVAM	A	PASS
21	821317103026	V.VASANTHAKUMAR	A	PASS
22	821317103028	C.VINOTH	A	PASS
23	821317103301	V.AAKASH	A	PASS
24	821317103302	U.HARIHARAN	A	PASS
25	821317103701	MESHACH RAJDASON	A	PASS
26	821317103303	R.RAVINDRAN	A	PASS

No. of students Registered = 26

No. of students Passed = 26

No. of students Failed =NIL



HOD-CE

DEPARTMENT OF CIVL ENGINEERING

Summary report of Intro of Revit Architecture

- Within this strategic marketing analysis we sought out to understand Rivet and the industry better through in-depth research in order to produce a future outline that will progress the company in the years to come.
- Each section holds significant information that gives insight into our studies and provides Rivet with some critical pieces of advice that could make the company even better. We started out by defining where the business is through our "company overview" and "situational analysis" sections and then moved on to apply a "SWOT analysis" on the company to identify what we needed to work on primarily.
- We finished up by showing our main advice to catapult Rivet even further in front of the competition in the section labeled "strategic marketing moves".
- We also added our detailed outlook on what the company could do within the next five years under "strategic marketing moves" for Rivet to understand our vision.
- Each of the upcoming sections contains brief introductory paragraphs followed by the more detailed information for the business to really grab onto and use. We hope our suggestions and research give useful insight because we care about Rivet and we really want to see the company continue succeeding in the future



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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE
AY: 2018-2019 (ODD SEM.)

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Mrs. / Ms. I.PRASITHA, II yr./ III sem.
has successfully completed the value added course on "INTRO OF REVIT ARCHITECTURE"
from 6th August 2018 to 6th October 2018 and has been placed in the overall grade S.


Course In-charge


HOD



DEPARTMENT OF CIVL ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

Date: **24/12/2018**

DEPARTMENT CIRCULAR

Add-on courses to be offered by the Department during the even Semester of the academic year 2018 - 2019 are listed below. Interested students can register their name with the course coordinator on or before **31 December 2018**. All the students should maintain 75% attendance.

Name of the Course	Course Code	Course Co-ordinator
Building Modelling	CE1902	Ms. U. Abirami

Classes for all courses are scheduled to begin on **4 JANUARY 2019**

HOD-CE

Copy to:

1. The Principal for Information
2. Co-Ordinator/IQAC
3. Students Notice Board

DEPARTMENT OF CIVL ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

CE1902 – BUILDING MODELING

SYLLABUS

(Prepared By: Ms. U. Abirami – AP / CIVIL)

S.NO	TOPIC COVERED	DURATION (in hours)
1	Introduction	3
2	Modeling	3
3	Building components 1	3
4	Editing tools	3
5	Datum & Building components 2	3
6	Building components 3 & site features	3
7	Massing tools	3
8	Annotations and dimensions	3
9	Project details & schedules	3
10	3D views , drawing sheets & plotting	3


TOTAL: 30 HOURS

Assessment method:

S – (91 – 100)
A – (81 – 90)
B – (71 – 80)
C – (61 – 70)
D – (57 – 60)
E – (50 – 56)
U – (<50)



Course Co-ordinator



HOD-CE

DEPARTMENT OF CIVL ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

CE1902 - BUILDING MODELING

LIST OF REGISTERED STUDENTS

S.NO	D.NO	NAME
1	821318103001	ANJALI.T
2	821318103002	ARUNKUMAR.S
3	821318103003	CHILAMBARASAN.K
4	821318103004	ELLAKKIA.R.S
5	821318103005	EZEKIEL.D
6	821318103006	FANTIN JESANTH.A
7	821318103007	HARIHARAN.B
8	821318103008	JAYAATCHAYA.R
9	821318103009	GOWSHIKA.R
10	821318103010	KRITHIKA.G
11	821318103011	MARTINA JENCY.R
12	821318103012	MATHUMITHA.A
13	821318103013	PANCHATCHARAM.K
14	821318103014	PAUL IMRISH.A
15	821318103015	PRAPALYA.S
16	821318103017	SHEIK ABDULLA.M
17	821318103018	SIVAPRASAD.M
18	821318103019	SONA.R
19	821318103020	SUJITH.K
20	821318103021	SWATHI.R
21	821318103022	VENKATRAJ.R



CourseCo-ordinator



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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

DEPARTMENT OF CIVIL ENGINEERING

CE1902 - BUILDING MODELING

QUESTIONS

Duration: 120min

5 x10=50marks

Answer the following all questions. Each question carries 10 marks.

1. What are the advantages of BIM?
2. Which professionals and which area apply BIM?
3. What is BIM?
4. What is BIM used for in architecture and Engineering?
5. What is the importance of using BIM in plumbing design?

HOD-CE

DEPARTMENT OF CIVL ENGINEERING

RESULT SHEET FOR REGISTERED STUDENTS

S.NO	REG.NO	NAME	GRADE	RESULT (PASS/FAIL)
1	821318103001	ANJALI.T	S	PASS
2	821318103002	ARUNKUMAR.S	S	PASS
3	821318103003	CHILAMBARASAN.K	S	PASS
4	821318103004	ELLAKKIA.R.S	A	PASS
5	821318103005	EZEKIEL.D	S	PASS
6	821318103006	FANTIN JESANTH.A	A	PASS
7	821318103007	HARIHARAN.B	A	PASS
8	821318103008	JAYAATCHAYA.R	S	PASS
9	821318103009	GOWSHIKA.R	S	PASS
10	821318103010	KRITHIKA.G	S	PASS
11	821318103011	MARTINA JENCY.R	S	PASS
12	821318103012	MATHUMITHA.A	S	PASS
13	821318103013	PANCHATCHARAM.K	S	PASS
14	821318103014	PAUL IMRISH.A	A	PASS
15	821318103015	PRAPALYA.S	S	PASS
16	821318103017	SHEIK ABDULLA.M	S	PASS
17	821318103018	SIVAPRASAD.M	S	PASS
18	821318103019	SONA.R	S	PASS
19	821318103020	SUJITH.K	S	PASS
20	821318103021	SWATHI.R	S	PASS
21	821318103022	VENKATRAJ.R	S	PASS

NO of students Registered =21

No of students Passed =21

No of students Failed =NIL



HOD-CE



Summary report of Building Modeling

- ✓ We also added our detailed outlook on what the company could do within the next five years under "strategic marketing moves" for Rivet to understand our vision.
- ✓ Each of the upcoming sections contains brief introductory paragraphs followed by the more detailed information for the business to really grab onto and use. We hope our suggestions and research give useful insight because we care about Rivet and we really want to see the company continue succeeding in the future.

HOD-CE



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DEPARTMENT OF CIVL ENGINEERING



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DEPARTMENT OF CIVL ENGINEERING

VALUE ADDED COURSE
AY: 2018-2019 (EVEN SEM.)

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Mrs./Ms. JAYAATCHAYA.R, I yr./II sem.
has successfully completed the value added course on "BUILDING MODELLING"
from 4th January 2019 to 13th April 2019 and has been placed in the overall grade S.

CourseIn-charge

HOD



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

7 July 2017

DEPARTMENT CIRCULAR

Add-on courses to be offered by the Department during the Odd Semester of the academic year 2017 - 2018 are listed below.

Name of the Course	Course Code	Course Co-ordinator
Course on Computer Hardware Maintenance	CS1507	Mr. P.Ramadoss
Photoshop for Beginners	CS1705	Mr.M.B.Bose
Course on Cyber Security	CS1703	Ms. Esther Rani
Training course on Cloud Foundry	CS1701	Mr.A.Rajarajan

Head of Department

Copy to:

1. The Principal for information
2. Co-Ordinator – IQAC
3. Students Notice Boards
4. Class Co-ordinators
5. Stock File



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

18 December 2017

DEPARTMENT CIRCULAR

Add-on courses to be offered by the Department during the Even Semester of the academic year 2015 - 2016 are listed below.

Name of the Course	Course Code	Course Co-ordinator
Web Development Applications using PHP	CS1508	Mr. P.Ramadoss
Data Mining techniques using WEKA tool	CS1606	Mrs. R.Kavitha
Application Development using Android OS	CS1704	Ms. Esther Rani
Course on Infrastructure Services, Security and Management	CS1702	Mr.A.Rajarajan

Head of Department

Copy to:

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2. Co-Ordinator – IQAC
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2017 – 2018

11.07.2017

DEPARTMENT CIRCULAR

Department of CSE is going to conduct add-on course titled “**CS1705 Photoshop for Beginners**” for the students of II yr / III sem. CSE. The course is scheduled on every Friday from 14.07.2017 to 20.10.2017. Mr.M.B.Bose, AP/CSE will be the course in charge. The attendance percentage must be 75% and above. The course in charge must submit the course summary, consolidated attendance and evaluation report to HoD / CSE and IQAC within a week after course completion.

The class timings and venue details are mentioned below.

Timings: Last 2 periods

Venue: CPL2

Head of Department

Copy to:

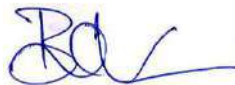
1. The Dean, Academics
2. Director, IQAC
3. Batch Counsellor
4. Course In-Charge (Mr. S. Balaji, AP/CSE)
5. Notice board

SYLLABUS FOR CS1705 PHOTOSHOP FOR BEGINNERS

SNO	TOPICS	DURATION IN HOURS
1	Photoshop for beginners and Basic Image Manipulation	2
2	Color Basics and painting tools	2
3	Brush Settings and making selections	2
4	Filling and Stroking	2
5	Layers	2
6	Advanced Layers	2
7	Text and Drawings	2
8	Using Channels and masking	2
9	Manipulation images	2
10	Basic Photo Corrections	2
11	Correcting and Enhancing Digital Photographs	2
12	Vector Drawing Techniques	2
13	Creating link within an image	2
14	Creating rollover web visuals	2
15	Animating GIF images for the web	2
	Total	30

Assessment method:

- S – (91 – 100)
- A – (81 – 90)
- B – (71 – 80)
- C – (61 – 70)
- D – (57 – 60)
- E – (50 – 56)
- U – (<50)



Prepared by Course Co-ordinator



Head of Department



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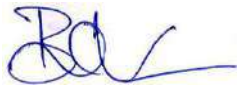


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF STUDENTS REGISTERED FOR CS1705 PHOTOSHOP FOR BEGINNERS

S.NO	REG.NO	NAME OF THE STUDENT
1	821316104001	ABINAYA A
2	821316104002	AISHWARYA C
3	821316104004	ANISH T
4	821316104005	ANJUSHREE M
5	821316104006	ANTONVINOLY A
6	821316104007	ARTHI R
7	821316104008	ATCHAYA M
8	821316104009	BALASUNDARI R
9	821316104010	BIRUNDA S
10	821316104011	DEVADHARSHINI V
11	821316104014	HEMASISELEE S
12	821316104015	INIYAN A
13	821316104016	JENIMALAR J
14	821316104017	JESIMA S
15	821316104019	KAAVIYAN J
16	821316104021	KAVYA T
17	821316104022	KISHORE KIRUBAKARAN T
18	821316104023	LOGESHWARAN S
19	821316104024	MADHUMITHA R
20	821316104025	MAHALAKSHMI G
21	821316104026	MANIKANDAN M
22	821316104027	MANOJKUMAR S
23	821316104028	MONIKA K
24	821316104029	NASRIN BANU K
25	821316104030	NILAVAZHAGI S
26	821316104032	POOJA RAJALAKSHMI B
27	821316104033	PRADEEPA M

28	821316104034	PRAGADEESHWARAN S
29	821316104035	PRAKASH P
30	821316104036	PREETHA M
31	821316104037	RADHIKA M
32	821316104038	RAMYA.S
33	821316104039	RAVI RAJ B
34	821316104040	SAFFRIN BANU M B
35	821316104041	SATHYA SRI R
36	821316104042	SOUNDARIYA V
37	821316104044	SUBASRI M
38	821316104045	SUSANA I
39	821316104046	SWETHA K
40	821316104047	VIDHYA SHEELA K
41	821316104048	VIGNAASHRI K
42	821316104049	VIGNESH R
43	821316104051	VISWAR A R A
44	821316104052	YAGAMOORTHY M
45	821316104053	YUVAVIJAYAPRASANTH S
46	821316104501	KALAIYARASAN A
47	821316104301	USMAN ALI A



Course Co-ordinator



Head of Department



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CS1705 PHOTOSHOP FOR BEGINNERS

QUESTION PAPER

Duration: 100minutes

Max marks:50

ANSWER ALL THE QUESTIONS:

(5 x 10 = 50 MARKS)

1. Create a visiting card by using appropriate tools in Photoshop.
2. Design a photo frame using custom shapes in Photoshop.
3. Convert a color photo to black and white photo.
4. Explain the steps for designing a passport size photo on a max size paper.
5. Explain in detail about filters in Photoshop.

Course Co-ordinator

Head of Department

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULT SHEET FOR CS1705 PHOTOSHOP FOR BEGINNERS

REGISTERED STUDENTS

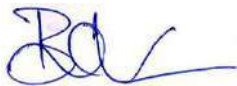
S.NO	REG.NO	NAME OF THE STUDENT	GRADE	RESULT
1	821316104001	ABINAYA A	S	PASS
2	821316104002	AISHWARYA C	S	PASS
3	821316104004	ANISH T	A	PASS
4	821316104005	ANJUSHREE M	A	PASS
5	821316104006	ANTONVINOLY A	S	PASS
6	821316104007	ARTHI R	S	PASS
7	821316104008	ATCHAYA M	S	PASS
8	821316104009	BALASUNDARI R	S	PASS
9	821316104010	BIRUNDA S	S	PASS
10	821316104011	DEVADHARSHINI V	S	PASS
11	821316104014	HEMASISELEE S	A	PASS
12	821316104015	INIYAN A	B	PASS
13	821316104016	JENIMALAR J	A	PASS
14	821316104017	JESIMA S	S	PASS
15	821316104019	KAAVIYAN J	U	FAIL
16	821316104021	KAVYA T	S	PASS
17	821316104022	KISHORE KIRUBAKARAN T	S	PASS
18	821316104023	LOGESHWARAN S	A	PASS
19	821316104024	MADHUMITHA R	S	PASS
20	821316104025	MAHALAKSHMI G	B	PASS
21	821316104026	MANIKANDAN M	A	PASS
22	821316104027	MANOJKUMAR S	A	PASS
23	821316104028	MONIKA K	S	PASS
24	821316104029	NASRIN BANU K	A	PASS
25	821316104030	NILAVAZHAGI S	S	PASS
26	821316104032	POOJA RAJALAKSHMI B	A	PASS
27	821316104033	PRADEEPA M	S	PASS

28	821316104034	PRAGADEESHWARAN S	S	PASS
29	821316104035	PRAKASH P	A	PASS
30	821316104036	PREETHA M	A	PASS
31	821316104037	RADHIKA M	A	PASS
32	821316104038	RAMYA.S	U	FAIL
33	821316104039	RAVI RAJ B	S	PASS
34	821316104040	SAFFRIN BANU M B	A	PASS
35	821316104041	SATHYA SRI R	A	PASS
36	821316104042	SOUNDARIYA V	S	PASS
37	821316104044	SUBASRI M	A	PASS
38	821316104045	SUSANA I	A	PASS
39	821316104046	SWETHA K	S	PASS
40	821316104047	VIDHYA SHEELA K	S	PASS
41	821316104048	VIGNAASHRI K	S	PASS
42	821316104049	VIGNESH R	S	PASS
43	821316104051	VISWAR A R A	A	PASS
44	821316104052	YAGAMOORTHY M	A	PASS
45	821316104053	YUVAVIJAYAPRASANTH S	A	PASS
46	821316104501	KALAIYARASAN A	B	PASS
47	821316104301	USMAN ALI A	B	PASS

No of students registered : 47

No of students passed : 45

No of students failed : 2



Course Co-ordinator



Head of Department



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUMMARY REPORT OF CS1705 PHOTOSHOP FOR BEGINNERS

- This course trained the learners to use basic selection tools and edge refinement to isolate and edit parts of an image.
- The learners were able to manipulate layers through ordering, positioning, scaling, rotation, and adjustments.
- This course helped to create composite images that demonstrate advanced selection and layering techniques.
- Photoshop course provided an advanced imaging software used by designers, web professionals, video editors, and photographers to alter or manipulate digital images in terms of 2D images.

Head of Department



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**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

CERTIFICATE OF COMPLETION
Academic Year: 2018 - 2019

This is to certify that Mr. / Mrs. / Ms. PRAKASH P (821316104035)

has successfully completed the add-on course on CS1705 PHOTOSHOP FOR BEGINNERS and placed
in **A** Grade.

Course Co-Ordinator

HOD



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**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

CERTIFICATE OF COMPLETION
Academic Year: 2018 - 2019

This is to certify that Mr. / Mrs. / Ms. SOUNDARIYA V (821316104042)

has successfully completed the add-on course on CS1705 PHOTOSHOP FOR BEGINNERS and placed
in **S** Grade.

Course Co-Ordinator

HOD



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2017 - 2018

20.12.2017

DEPARTMENT CIRCULAR

Department of CSE is going to conduct add-on course titled “**CS1702 Course on Infrastructure Services, Security and Management**” for the students of IV yr / VIII sem. CSE. The course is scheduled on every Saturday from 23.12.2017 to 31.03.2018. Mr.A.Rajaraman, AP/CSE will be the course in charge. 75% of attendance is mandatory. The course in charge must submit the course summary, consolidated attendance and evaluation report to HoD / CSE and IQAC within a week after course completion.

The class timings and venue details are mentioned below.

Timings: Last 2 periods

Venue: CPL1

Head of Department

Copy to:

1. The Dean, Academics
2. Director, IQAC
3. Batch Counsellor
4. Course In-Charge (Mr. S. Balaji, AP/CSE)
5. Notice board



SYLLABUS FOR CS1702 COURSE ON INFRASTRUCTURE SERVICES, SECURITY AND MANAGEMENT

SNO	TOPICS	DURATION IN HOURS
1	Evolution of Cloud Architectures	2
2	Industry Trends	2
3	Cloud foundry	2
4	Pivotal Cloud Foundry	2
5	Cloud Native Apps	2
6	Elastic Runtime Architecture	2
7	High Availability	2
8	Cloud native Apps	2
9	Managed Services	2
10	User Provided Services Instances	2
11	Using Manifests	2
12	Managing Application Security Groups	2
13	Identity & Access Management	2
14	Relational Databases	2
15	Domain Name System	2
Total		30

Assessment method:

- S – (91 – 100)
- A – (81 – 90)
- B – (71 – 80)
- C – (61 – 70)
- D – (57 – 60)
- E – (50 – 56)
- U – (<50)

Prepared by Course Co-ordinator

Head of Department



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF STUDENTS REGISTERED FOR CS1702 COURSE ON INFRASTRUCTURE SERVICES, SECURITY AND MANAGEMENT

S.NO	REGISTER.NO	NAME OF THE STUDENT
1	821314104002	ANUSHIYA.M
2	821314104003	DEEPIKA.K
3	821314104004	DEVIKA.A
4	821314104005	DHARANI.R
5	821314104006	FEMINA.X
6	821314104007	GANESH.P
7	821314104008	KAVII MUGIL.K.S
8	821314104009	MAHALAKSHMI.B
9	821314104010	MAHESHWARI.P
10	821314104011	MARIA FRANCISCA.A.B
11	821314104012	MOHAMMED ALI ASLAM.K
12	821314104013	PRIYADHARSHINI.R
13	821314104014	PRIYADHARSHINI.R
14	821314104016	PRIYANKA.S
15	821314104017	SAMUEL RUBAN.A
16	821314104019	SHIVANI.S
17	821314104020	SUBHASHINI.K
18	821314104021	TAMIL SELVAN.R
19	821314104022	VENKATESAN.T

Course Co-ordinator

Head of Department



**CS1702 COURSE ON INFRASTRUCTURE SERVICES, SECURITY AND
MANAGEMENT**

QUESTION PAPER

Duration: 100minutes

Max marks:50

ANSWER ALL THE QUESTIONS:

(5 x 10 = 50 MARKS)

1. Explain in detail about cloud infrastructure services.
2. Discuss cloud computing architecture with neat sketch.
3. Listout and explain in detail about AWS security.
4. Write in detail about resource management in cloud computing
5. Explain briefly about elastic runtime architecture with neat sketch.

Course Co-ordinator

Head of Department



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULT SHEET FOR CS1702 COURSE ON INFRASTRUCTURE SERVICES,
SECURITY AND MANAGEMENT
REGISTERED STUDENTS

S.NO	REG.NO	NAME OF THE STUDENT	GRADE	RESULT
1	821314104002	ANUSHIYA.M	S	PASS
2	821314104003	DEEPIKA.K	S	PASS
3	821314104004	DEVIKA.A	S	PASS
4	821314104005	DHARANIR	S	PASS
5	821314104006	FEMINA.X	S	PASS
6	821314104007	GANESH.P	A	PASS
7	821314104008	KAVII MUGIL.K.S	S	PASS
8	821314104009	MAHALAKSHMI.B	S	PASS
9	821314104010	MAHESHWARI.P	S	PASS
10	821314104011	MARIA FRANCISCA.A.B	S	PASS
11	821314104012	MOHAMMED ALI ASLAM.K	S	PASS
12	821314104013	PRIYADHARSHINI.R	S	PASS
13	821314104014	PRIYADHARSHINI.R	S	PASS
14	821314104016	PRIYANKA.S	S	PASS
15	821314104017	SAMUEL RUBAN.A	S	PASS
16	821314104019	SHIVANIS	S	PASS
17	821314104020	SUBHASHINI.K	S	PASS
18	821314104021	TAMIL SELVAN.R	A	PASS
19	821314104022	VENKATESAN.T	S	PASS

Grades:

S – (91 – 100)

A – (81 – 90)

B – (71 – 80)

C – (61 – 70)

D – (57 – 60)

E – (50 – 56)

U – (<50)

No of students registered : 19

No of students passed : 19

No of students failed : NIL



Course Co-ordinator



Head of Department



SUMMARY REPORT OF CS1702 COURSE ON INFRASTRUCTURE SERVICES,
SECURITY AND MANAGEMENT

- The course introduced basic postulates of IT infrastructure management and shows the correlation between system and service management process.
- Learners can able to know the storage and database management and security management in IT.
- The course comprehend IT infrastructure, network (configuration and topology), network traffic and communication system.
- The learners gained skills to secure latest mobile network platforms.

Head of Department



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**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

CERTIFICATE OF COMPLETION
Academic Year: 2018 - 2019

This is to certify that Mr. / Mrs. / Ms. GANESH.P (821314104007)
has successfully completed the add-on course on COURSE ON INFRASTRUCTURE SERVICES,
SECURITY AND MANAGEMENT and placed in A Grade.

Course Co-Ordinator

HOD



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**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

CERTIFICATE OF COMPLETION
Academic Year: 2018 - 2019

This is to certify that Mr. / Mrs. / Ms. KAVII MUGIL.K.S (821314104008)
has successfully completed the add-on course on COURSE ON INFRASTRUCTURE SERVICES,
SECURITY AND MANAGEMENT and placed in B Grade.

Course Co-Ordinator

HOD



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



13 July 2016

DEPARTMENT CIRCULAR

Add-on courses to be offered by the Department during the Odd Semester of the academic year 2016 - 2017 are listed below. Interested students can register their name with the course co-ordinator on or before **30 July 2016**.

Name of Add on Course	Course Code	Course Co-ordinator
Power Inverters Design	EE1601	Mr. Shankar J
Wind Energy Systems	EE1602	Mr. Saravanan R
Energy Production, Distribution and Safety	EE1603	Mr. Anish K
Design of AC Drives	EE1604	Mrs. Udhaya M

Classes for all courses are scheduled to begin on **1 August 2016**.

Head of the Department
Department of Electrical and Electronics Engg
Parisutham Institute of Technology & Science
Thanjavur

Copy to:

1. The Principal for information
2. Co-Ordinator – IQAC
3. Students Notice Boards
4. Class Co-ordinators
5. Stock File

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD-ON COURSE CURRICULUM AND SYLLABUS

Course Code	EE1601	
Course Name	POWER INVERTER DESIGN	
Duration	30 Hours	
Academic Year	2016-2017	
Course Teacher	MR. SHANKAR J	
Assessment Type	Questions testing Analytical/Design Skills	
Assessment Score	50 Marks	
Assessment Duration	1:30 Hours	
Grading	91 -100 Marks : S Grade (Outstanding) 81 – 90 Marks: A Grade (Excellent) 71 – 80 Marks : B Grade (Very Good) 61 – 70 Marks : C Grade (Good) 51 – 60 Marks: D Grade (Satisfactory)	
Attendance Requirement	75%	
SYLLABUS		
Course Description: To master the various fundamental concepts of power inverter design. This will help to get sufficient knowledge to analyze and design the various inverter systems		
S. No.	Topics to be Covered	Duration (in Hours)
1	Fundamental of inverter and rectifier system	3
2	Analysis and design the power circuits to dc – dc SMPS	3
3	Analysis and design Ac -Dcvoltage source converters	3
4	Analysis of harmonic spectra for various PWM switching scheme	3
5	Isolated Dc- Dc converters	3
6	Flyback converters, forward converter	3
7	Introduction to Voltage source Inverter	3
8	Introduction to current source inverter	3
9	Unipolar PWM techniques	3
10	Bipolar PWM techniques	3
		Total : 30 Hours
Course Outcome: Student will have exposure to power inverter design and applications of real time system		
Reference Books: 1. Ned mohan, power Electronics converter- John wiley and sons1994. 2. J.Klin and T.A.Folger, power inverter design- Prentice Hall -1996. 3. Intelligent Systems and Control- http://nptel.ac.in/courses/108104049/16		

J. Shankar
Course Co-ordinator

2. Chennappa



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EE1601 - POWER INVERTER DESIGN

Duration: 1.30 Hours

Marks: 50

Answer **ALL** Questions (5 x 10 = 50 Marks)

1. What are the differences between the two control structures of grid-forming converters? Which one is more promising? Validate your answers with design calculations.
2. Why in most repetitive control papers, sampling and switching time are equal? Explain.
3. Design a three phase cascaded H-bridge five level multilevel inverter.
4. Design a DC to AC power inverter which is connected with a battery energy storage system in the islanded micro grid.
5. How does resonant frequency tracking control take place in inverter?

J. Panicker

Course Co-ordinator

R. Chinnappa

Head of Department



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF STUDENTS ENROLLED AND RESULTS

SL.NO	REG.NO	NAME	GRADE	RESULT
1	821313105002	ASSHETHA.V	A	Pass
2	821313105003	BERNISHA.M	A	Pass
3	821313105004	BHARATHI.R	B	Pass
4	821313105005	DINEES JENITA.A	B	Pass
5	821313105007	KAMALNATH.K	C	Pass
6	821313105008	KARTHIKEYAN.G	A	Pass
7	821313105009	MADHUBASHINI.S.A	B	Pass
8	821313105010	MEENA.G	C	Pass
9	821313105011	MEENA.N	B	Pass
10	821313105013	PORCHELVI.R	A	Pass
11	821313105014	PRAKAASH.E.L.A	A	Pass
12	821313105015	PREETHINICA.E	B	Pass
13	821313105016	SELVABARATHI.B	C	Pass
14	821313105017	SELVAPRAKASH.J	B	Pass
15	821313105018	VIJAYAKUMAR.D	B	Pass
16	821313105019	VINCY SNEGA.C	B	Pass

J. Panicker

Course Co-ordinator

2. Chinnappa

Head of Department

Head of the Department
Department of Electrical and Electronics Engg
Parisutham Institute of Technology & Science
Thanjavur



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
(Approved by AICTE, Affiliated to Anna University, Chennai, India)
NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**

CERTIFICATE OF COMPLETION
Academic Year: 2016 - 2017

This is to certify that Mr. / Mrs. / Ms.

MEENA.G(821313105010)

has successfully completed the add-on course on
and placed in **C** Grade.

EE1601 POWER INVERTER DESIGN

- 91-100 Marks – S Grade (Outstanding)
- 81 – 90 Marks: A Grade (Excellent)
- 71 – 80 Marks : B Grade (Very Good)
- 61 – 70 Marks : C Grade (Good)
- 51 – 60 Marks: D Grade (Satisfactory)

J. Pankaj

Course Co-Ordinator

M. Chinnappa

HOD



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
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NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

15 December 2015

DEPARTMENT CIRCULAR

Add-on courses to be offered by the Department during the Even Semester of the academic year 2015 - 2016 are listed below. Interested students can register their name with the course co-ordinator on or before **30 December 2015**.

Name of the Course	Course Code	Course Co-ordinator
Microcontrollers Based Circuits Design	EC1505	Mrs.B.Kruthika
Networking and Maintenance	EC1506	Dr.G.Mary Amirtha Sagayee
C Programming for Microcontroller Systems	EC1507	Mr.J.Jayaseelan
Advanced Microprocessors	EC1508	Mrs.S.Shanmuga Priya

Classes for all courses are scheduled to begin on **20 January 2016**.

Head of the Department/ECE
Parisutham Institute of Technology & Science
Thanjavur – 613 006.
Tamilnadu, India

Copy to:

1. The Principal for information
2. Co-Ordinator – IQAC
3. Students Notice Boards
4. Class Co-ordinators
5. Stock File

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD-ON COURSE CURRICULUM AND SYLLABUS

Course Code	EC1506
Course Name	NETWORKING AND MAINTENANCE
Duration	30 Hours
Academic Year	2015 – 2016
Course Teacher	DR.G.MARY AMIRTHA SAGAYEE
Assessment Type	Questions testing Analytical/Design Skills
Assessment Score	50 Marks
Assessment Duration	1:30 Hours
Grading	91 -100 Marks : S Grade (Outstanding) 81 – 90 Marks: A Grade (Excellent) 71 – 80 Marks : B Grade (Very Good) 61 – 70 Marks : C Grade (Good) 51 – 60 Marks: D Grade (Satisfactory)
Attendance Requirement	75%

SYLLABUS

Course Description:

This course is a hands-on course designed to provide the student with extensive practical experience of installing, maintaining and repairing microcomputer networks. Emphasis will be on complex heterogeneous client/server networks. Students will configure multiple types of network cabling, hubs, network interface cards, and workstations, and network operating systems software and hardware tools will be used and evaluated in class. Preventative maintenance, upgrades, system diagnostics, configuration, power protection, and the management, sharing and optimization of network resources such as drives, printers and output devices will be examined in detail.

S. No.	Topics to be Covered	Duration (in Hours)
1	Install and Configure Microsoft Windows 2000 Advanced Server and Server 2003	3
2	Install and configure a DHCP, DNS and WINS on Windows 2000 server Install and configure Windows 2000 Advanced Server and Server 2003 as a Domain Controller	3
3	Install and configure Routers (Windows 2000 PCs with multiple NICs) Install and configure a PXE/TFTP Server (clients boot across the network card; enterprise level solutions)	3
4	Install and configure Terminal Services (remote control the server and remote application server; enterprise level solutions) Complete installation and configuration of Novell 4.11 2-user student license server and Windows 98/2000 clients	3
5	Managing the Domain: creation of organization units, groups, users, login scripts, and managing user rights. Complete installation and configuration of an IBM Token Ring LAN	3

6	Installation and configuration of a Layer 2 IBM Token Ring - to - Ethernet gateway	3
7	Implementing WAN technologies: Installation and configuration of modems and setting up dial-up remote access to a Windows 2000 RAS server	3
8	Installation and configuration of a Wireless segment of the Domain	3
9	Deploying Windows 2000 Advanced Server in a complex networking infrastructure	3
10	Deploying Windows 2000 Advanced Server in a complex networking infrastructure	3

Total : 30 Hours

Course Outcome:

Students will have practical exposure to installation and maintenance of systems in networking

Reference Books:

1. Mastering Windows 2000 Server, 4th Ed. by Mark Minasi, ISBN: 0782140432
Novell's Guide to IntranetWare(R) Networks, by Jeffrey F. Hughes and Blair W. Thomas, ISBN:0764545167
2. IBM PC and Clones: Hardware, Troubleshooting and Maintenance by B.Govindarajalu, Tata Mac Graw Hill, 1991, ISBN: 0071331131

Course Co-ordinator

**Head of the Department/ECE
Parisutham Institute of Technology & Science
Thanjavur – 613 006.
Tamilnadu, India**



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC1506 - NETWORKING AND MAINTENANCE

Duration: 1.30 Hours

Marks: 50

Answer **ALL** Questions (5 x 10 = 50 Marks)

1. Write down the steps involved in Windows 2000 advanced server installation.
2. Explain the procedure for the installation and configuration procedure of a Layer 2 IBM Token Ring - to - Ethernet gateway
3. Explain the complete installation and configuration procedure of Novell 4.11 2-user student license server and Windows 98/2000 clients
4. Write down the steps involved in router configuration and installation
5. How do you deploy Windows 2000 Advanced Server in a complex networking infrastructure

Course Co-ordinator

Head of Department



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF STUDENTS ENROLLED AND RESULTS

S.NO	REG.NO	NAME	GRADE	RESULTS
1	821313106001	ANANDHI.R	A	Pass
2	821313106002	ANITHA.A	A	Pass
3	821313106003	ARAVIND.R	A	Pass
4	821313106004	BALATHANGAM.R	A	Pass
5	821313106007	JAGADESH.R.P	B	Pass
6	821313106008	KRISHNAKUMAR.R	A	Pass
7	821313106009	KRISHNAVARTHINI.M	B	Pass
8	821313106010	KRISHNAVENI.A	A	Pass
9	821313106012	MAHALAKSHMI.R	B	Pass
10	821313106013	MATHIPRIYA.P	A	Pass
11	821313106014	MATHIVATHANI.V	B	Pass
12	821313106015	MEHARAJ BEGUM.R	A	Pass
13	821313106016	PAVITHRA.R	A	Pass
14	821313106018	PRIYADHARSHINI.K	B	Pass
15	821313106019	RAMYA DEVI.B	A	Pass
16	821313106020	RAMYA.G	B	Pass
17	821313106022	SABEENA.P	B	Pass
18	821313106023	SANKARI.M	A	Pass
19	821313106024	SHREEN SITHARA.M	A	Pass
20	821313106025	SIVAKAMI.N	A	Pass
21	821313106026	SUGANYA.P	A	Pass
22	821313106027	SWATHI.K	B	Pass
23	821313106028	VIDHYA.J	A	Pass
24	821313106029	VISWADHARSHINI.G	A	Pass
25	821313106302	PRAVEEN. N	A	Pass
26	821313106701	PRITHIVIRAJ. G	A	Pass
27	821313106702	NANCY.P	B	Pass

Course Co-ordinator

Head of the Department/ECE
Parisutham Institute of Technology & Science
Thanjavur – 613 006.
Tamilnadu, India



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NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



**DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING**

CERTIFICATE OF COMPLETION
Academic Year: 2015-2016

This is to certify that Mr. / Mrs. / Ms. PRAVEEN.N (821313106302)

has successfully completed the add-on course on **EC1501 - NETWORKING AND MAINTENANCE**
and placed in **A** Grade.

91-100 Marks – S Grade (Outstanding)
81 – 90 Marks: A Grade (Excellent)
71 – 80 Marks : B Grade (Very Good)
61 – 70 Marks : C Grade (Good)
51 – 60 Marks: D Grade (Satisfactory)

Course Co-Ordinator

HOD

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT CIRCULAR

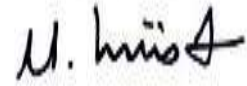
Date: 05.7.2015

Add-on courses to be offered by the Department during the Odd Semester of the academic year 2015 - 2016 are listed below. Interested students of VII semester can register their name with the course co-ordinator on or before **12 July 2015**.

All the students are asked to maintain the attendance minimum 75% for all the courses.

Name of the Course	Course Code	Course Co-ordinator
Fundamentals of Welding Technology	ME1501	Mr.K.RAMADURAI

Classes for all courses are scheduled to begin on **15 July 2015**.



HOD/MECH

Copy TO

1. Principal for information
2. Co-Ordinator – IQAC
3. Course coordinator
4. Mentors
5. Department file
6. Class room Notice Board

DEPARTMENT OF MECHANICAL ENGINEERING

SYLLABUS FOR ME1501 FUNDAMENTALS OF WELDING TECHNOLOGY

(Prepared By **K.Ramaduarai AP/MECH**)

Year/Sem :IVYear/VII Sem

AY 2015-2016

S.NO	TOPIC COVERED	DURATION(in hours)
1	Introduction to welding, Types of welding-Arc welding	3
2	Gas metal arc welding	3
3	Gas tungsten Arc welding	3
4	Resistance welding , Energy beam welding	3
5	Solid state welding	3
6	Practical	3
7	Welding terminology	3
8	Types of welded joint, Welding symbols	3
9	MIG welding	3
10	TIG Welding	3
Total		30 Hours

Assessment method:

- S – (91 – 100)
- A – (81 – 90)
- B – (71 – 80)
- C – (61 – 70)
- D – (57 – 60)
- E – (50 – 56)
- U – (<50)



Course Co-ordinator



HOD/MECH

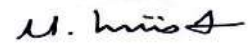
DEPARTMENT OF MECHANICAL ENGINEERING

List of Registered Students		
S.NO	REG .NO	NAME
1	821312114001	Alaguraja.P
2	821312114002	Alex.D
3	821312114003	Anandhkumar.M
4	821312114004	Anbarasan.L
5	821312114005	Anishraja.N
6	821312114006	Ansans.M
7	821312114007	Arunkumar.B
8	821312114008	Arunkumar.R
9	821312114009	Arun Kumar.B
10	821312114010	Balasubramani.V
11	821312114011	Balraj.V
12	821312114012	Baskaran.N
13	821312114013	Clinton.T
14	821312114014	Elavarasan.K
15	821312114015	Gowthaman.M
16	821312114016	Hariharan.M
17	821312114017	Jayasundar.S
18	821312114018	Joshua Amalraj.V
19	821312114019	Kalaiivanan.M
20	821312114020	Kanagaraj.M
21	821312114021	Kannan.B
22	821312114023	Karthik.K
23	821312114024	Karthikeyan.G
24	821312114025	Magesh Kumar.N
25	821312114026	Muthu Kumar.A
26	821312114027	Panneerselvam.P
27	821312114028	Piravindhar.S
28	821312114029	Prakash.R
29	821312114030	Prasanna.M
30	821312114031	Praveenkumar.G
31	821312114032	Premkumar.A
32	821312114033	Pugazhendhi.V
33	821312114034	Ragupathi.R
34	821312114035	Rajarajan.K
35	821312114036	Ramanan.V.V
36	821312114037	Ramkumar.S
37	821312114039	Sabarinathan.S
38	821312114040	Saravanan.T

39	821312114041	Sathish.M
40	821312114042	Shanmugam.K
41	821312114043	Sivaelavarasan.M
42	821312114044	Sivaramakrishnan.A
43	821312114045	Sudarsan.R
44	821312114046	Tamilvendhan.P
45	821312114047	Thamizharasan.S
46	821312114048	Thirunavukkarasu.M
47	821312114049	Thivakar.J
48	821312114050	Vasanth.K
49	821312114051	Vignesh.R
50	821312114052	Vigneshwaran.R
51	821312114053	Vijay.P
52	821312114054	Vinayahamoorthi.K
53	821312114055	Vinothagan.D
54	821312114056	Vivek.N
55	821312114301	Krishnakumar. S
56	821312114302	Manikandan M.R
57	821312114303	Pragatheeshwaran. N
58	821312114304	Prasath. R
59	821312114305	Samnath.R
60	821312114306	Santhoshkumar. K
61	821312114307	Venkadesh. P
62	821312114308	Venkatramanan. A
63	821312114309	Vignesh. K
64	821312114310	Vivek. P
65	821312114701	Rajarajan.P
66	821312114702	Prathap.D



Course Co-ordinator



HOD/MECH



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
(Approved by AICTE, Affiliated to Anna University, Chennai, India)
NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



DEPARTMENT OF MECHANICAL ENGINEERING
Add on Course Examination

YEAR/Sem :IV/VII Subject Code: ME1501 Subject: Fundamentals of Welding Technology

ANSWER ALL THE QUESTIONS	5x10=50
1. Discuss in detail about welding terminology.	10
2. Explain in detail about SMAW process.	10
3. Write short note on TIG welding process.	10
4. Describe about resistance and solid state welding process.	10
5. List the details about welding symbols.	10

HOD/MECH

DEPARTMENT OF MECHANICAL ENGINEERING

RESULT SHEET FOR REGISTERED STUDENTS

S.NO	REG .NO	NAME	GRADE	RESULT (PASS/ FAIL)
1	821312114001	Alaguraja.P	A	PASS
2	821312114002	Alex.D	A	PASS
3	821312114003	Anandhkumar.M	A	PASS
4	821312114004	Anbarasan.L	A	PASS
5	821312114005	Anishraja.N	A	PASS
6	821312114006	Ansans.M	A	PASS
7	821312114007	Arunkumar.B	A	PASS
8	821312114008	Arunkumar.R	A	PASS
9	821312114009	Arun Kumar.B	A	PASS
10	821312114010	Balasubramani.V	A	PASS
11	821312114011	Balraj.V	A	PASS
12	821312114012	Baskaran.N	A	PASS
13	821312114013	Clinton.T	A	PASS
14	821312114014	Elavarasan.K	A	PASS
15	821312114015	Gowthaman.M	A	PASS
16	821312114016	Hariharan.M	A	PASS
17	821312114017	Jayasundar.S	A	PASS
18	821312114018	Joshua Amalraj.V	A	PASS
19	821312114019	Kalaivanan.M	A	PASS
20	821312114020	Kanagaraj.M	A	PASS
21	821312114021	Kannan.B	A	PASS
22	821312114023	Karthik.K	A	PASS
23	821312114024	Karthikeyan.G	A	PASS

24	821312114025	Magesh Kumar.N	A	PASS
25	821312114026	Muthu Kumar.A	A	PASS
26	821312114027	Panneerselvam.P	A	PASS
27	821312114028	Piravindhar.S	A	PASS
28	821312114029	Prakash.R	A	PASS
29	821312114030	Prasanna.M	A	PASS
30	821312114031	Praveenkumar.G	A	PASS
31	821312114032	Premkumar.A	A	PASS
32	821312114033	Pugazhendhi.V	A	PASS
33	821312114034	Ragupathi.R	A	PASS
34	821312114035	Rajarajan.K	A	PASS
35	821312114036	Ramanan.V.V	A	PASS
36	821312114037	Ramkumar.S	A	PASS
37	821312114039	Sabarinathan.S	A	PASS
38	821312114040	Saravanan.T	A	PASS
39	821312114041	Sathish.M	A	PASS
40	821312114042	Shanmugam.K	A	PASS
41	821312114043	Sivaelavarasan.M	A	PASS
42	821312114044	Sivaramakrishnan.A	A	PASS
43	821312114045	Sudarsan.R	A	PASS
44	821312114046	Tamilvendhan.P	A	PASS
45	821312114047	Thamizharasan.S	A	PASS
46	821312114048	Thirunavukkarasu.M	A	PASS
47	821312114049	Thivakar.J	A	PASS
48	821312114050	Vasanth.K	A	PASS
49	821312114051	Vignesh.R	A	PASS
50	821312114052	Vigneshwaran.R	A	PASS
51	821312114053	Vijay.P	A	PASS
52	821312114054	Vinayahamoorthi.K	A	PASS
53	821312114055	Vinothagan.D	A	PASS
54	821312114056	Vivek.N	A	PASS

55	821312114301	Krishnakumar. S	A	PASS
56	821312114302	Manikandan M.R	A	PASS
57	821312114303	Pragatheeshwaran. N	A	PASS
58	821312114304	Prasath. R	A	PASS
59	821312114305	Samnath.R	A	PASS
60	821312114306	Santhoshkumar. K	A	PASS
61	821312114307	Venkadesh. P	A	PASS
62	821312114308	Venkatramanan. A	A	PASS
63	821312114309	Vignesh. K	A	PASS
64	821312114310	Vivek. P	A	PASS
65	821312114701	Rajarajan.P	A	PASS
66	821312114702	Prathap.D	A	PASS

NO of students Registered = 66

No of students Passed = 66

No of students Failed = NIL

U. Krishna
HOD/MECH



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
(Approved by AICTE, Affiliated to Anna University, Chennai, India)
NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



DEPARTMENT OF MECHANICAL ENGINEERING

Summary of Fundamentals of Welding Technology

Upon completion of this course, the students can able

- Understand the construction and working principles of gas and arc welding process.
- Understand the construction and working principles of resistance welding process.
- Understand the construction and working principles of various solid state welding process.
- Understand the construction and working principles of various special welding processes.
- Understand the concepts on weld joint design, weldability and testing of weldments

U. Krishna

HOD/MECH



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
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NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



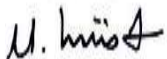
DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF COMPLETION
Academic Year: 2015 - 2016

This is to certify that Mr. / Mrs. / Ms. ALAGURAJA. P (821312114001)

has successfully completed the add-on course on **ME1501 Fundamentals of Welding Technology**
and placed in **A** Grade.


Course Co-Ordinator


HOD



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
(Approved by AICTE, Affiliated to Anna University, Chennai, India)
NH 67, Ring Road, Nanjikottai, Thanjavur- 613006, Tamil Nadu



DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT CIRCULAR

Date: 03.1.2016

Add-on courses to be offered by the Department during the Even Semester of the academic year 2016 - 2017 are listed below. Interested IV semester students can register their name with the course co-ordinator on or before **10 January 2016**.

All the students are asked to maintain the attendance minimum 75% for all the courses.

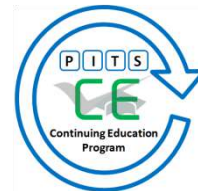
Name of the Course	Course Code	Course Co-ordinator
Introduction to Fuzzy Logic	ME1507	Mr.S.RAJA

Classes for all courses are scheduled to begin on **26 January 2016**.

HOD/MECH

Copy To

1. Principal for information
2. Co-Ordinator – IQAC
3. Course coordinator
4. Mentors
5. Department file
6. Class room Notice Board



DEPARTMENT OF MECHANICAL ENGINEERING

SYLLABUS FOR ME1507 INTRODUCTION TO FUZZY LOGIC

(Prepared by Mr. S. RAJA AP/MECH)

Year/Sem: II Year / IV Sem

AY 2015-2016

S.NO	TOPIC COVERED	DURATION (in hours)
1	Inventors What is Fuzzy Logic? Why Use Fuzzy Logic? History of fuzzy logic Technology	3
2	Precision Vs Significance, Fuzzy Logic System, Bivalent Paradoxes ,Multi-valued logic	3
3	Classical sets-Review, Operations on classical sets, Properties of crisp set operations, Fuzzy Set, Operations on Crisp Sets Support, Crossover point, Operations on fuzzy logic Operations on fuzzy	3
4	Fuzzy Operations – AND Operations: $A \vee B$ and \sim Numerical Example-Fuzzy operations	3
5	Properties of Fuzzy Logic, Membership functions, MF- Triangular	3
6	MF-Trapezoidal MFs – Triangular, rapezoidal,Linguistic Variables, Fuzzy Rules ,Fuzzy logic controller, Defuzzification Methods, Centre of Gravity method	3
7	Mamdani Fuzzy Controller, An Introductory Example The Fuzzy Logic Approach	3
8	MF: Service, MF: Food, MF: Tip, Fuzzy Inference Process, Fuzzy Inference System, Defuzzification	3
9	Applications Application of fuzzy logic to Electrical Engg. Problems Fuzzy-Logic-Based Speed Control of Shunt	3
10	Fuzzy Input Variables, Fuzzy Output Variable, MFs, Fuzzy Rules, Reference, Projects	3
Total		30 Hours

Course Co-ordinator

HOD/MECH

Assessment method:

- S – (91 – 100)
- A – (81 – 90)
- B – (71 – 80)
- C – (61 – 70)
- D – (57 – 60)
- E – (50 – 56)
- U – (<50)

DEPARTMENT OF MECHANICAL ENGINEERING

List of Registered Students		
S.NO	R.NO	Name of the students
1	821314114001	ARAVINDHAN.K
2	821314114002	AROCKIA NAVIN KUMAR.A
3	821314114003	ARUNESHWARAN.S
4	821314114004	ASHOKE KUMAR.S
5	821314114007	CHOCKALINGAM.N
6	821314114008	DEVKANT MISHRA
7	821314114009	DHARMARAJ.B
8	821314114011	GANESH KUMAR.R
9	821314114012	GIRIDHARAN.M.S
10	821314114013	INDRABALAN.R
11	821314114014	KARTHIK.T
12	821314114015	KODISWARAN.ERA
13	821314114016	MADHURAN.S
14	821314114017	MANIKANDAN.P
15	821314114018	MANIYARASAN.R
16	821314114019	MAVALAVAN.C
17	821314114020	MOHAMED THASLIM.J
18	821314114021	NAVARASU.T
19	821314114022	NEDUMARAN.A
20	821314114023	NIRANJAN RAJASEKAR.S
21	821314114025	PARTHIBAN.A
22	821314114027	PRAVEEN.K
23	821314114028	PRAVEEN KUMAR.V
24	821314114029	PREM KUMAR.K
25	821314114030	RAJESHWARAN.S
26	821314114031	RAJ SHANKAR.R
27	821314114032	RAKESH.M
28	821314114033	SANTHOSH KUMAR.S
29	821314114034	SARAVANA KUMAR.M
30	821314114035	SARCHITHANANTHAM.R
31	821314114036	SELVA.S
32	821314114037	SHANMUGANATHAN.B
33	821314114038	SHANMUGHA SUNDARAM.R
34	821314114040	SRI GANAPATHI.K
35	821314114042	THIRUMENI NATHAN.R
36	821314114044	VEERARAGHAVAN.K
37	821314114045	VENKATESH.B

38	821314114046	VENKATESH.M
39	821314114047	VENKATESH.V
40	821314114048	VENKATESH RAJ.P
41	821314114049	VETRIVEL.N
42	821314114050	VIGNESH.B
43	821314114051	VIGNESH.K
44	821314114052	VIJAY.M
45	821314114301	ASHOKAN.P
46	821314114302	DHINESH.R
47	821314114303	KARIKALAN
48	821314114304	MOTHILANAND.K
49	821314114305	RAHUL BHARATH.S
50	821314114306	SARABOJI SANKAR.C.R
51	821314114307	SRISATHEESH.M
52	821314114308	VIGNESHWARAN.R



**Course
Coordinator**

U. hris
HOD/MECH



PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE
(Approved by AICTE, Affiliated to Anna University, Chennai, India)
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DEPARTMENT OF MECHANICAL ENGINEERING

Add on Course Examination

YEAR/Sem : II/IV

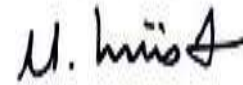
Subject Code: ME1507

Subject: Fuzzy Logic

ANSWER ALL THE QUESTIONS

5x10=50

1. What is Fuzzy Logic? History Of Fuzzy Logic Technology 10
2. List the application of fuzzy logic system in various fields. 10
3. Discuss the Numerical Example-Fuzzy operations. 10
4. Describe the fuzzy logic approach. 10
5. Write the Application of fuzzy logic to Electrical Engg Problems 10



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DEPARTMENT OF MECHANICAL ENGINEERING

RESULT SHEET FOR REGISTERED STUDENTS				
S.NO	REG NO	NAME	GRADE	RESULT (PASS/ FAIL)
1	821314114001	ARAVINDHAN.K	A	PASS
2	821314114002	AROCKIA NAVIN KUMAR.A	A	PASS
3	821314114003	ARUNESHWARAN.S	A	PASS
4	821314114004	ASHOKE KUMAR.S	A	PASS
5	821314114007	CHOCKALINGAM.N	B	PASS
6	821314114008	DEVKANT MISHRA	A	PASS
7	821314114009	DHARMARAJ.B	A	PASS
8	821314114011	GANESH KUMAR.R	A	PASS
9	821314114012	GIRIDHARAN.M.S	B	PASS
10	821314114013	INDRABALAN.R	A	PASS
11	821314114014	KARTHIK.T	B	PASS
12	821314114015	KODISWARAN.ERA	A	PASS
13	821314114016	MADHURAN.S	B	PASS
14	821314114017	MANIKANDAN.P	A	PASS
15	821314114018	MANIYARASAN.R	A	PASS
16	821314114019	MAVALAVAN.C	A	PASS
17	821314114020	MOHAMED THASLIM.J	A	PASS
18	821314114021	NAVARASU.T	A	PASS
19	821314114022	NEDUMARAN.A	A	PASS
20	821314114023	NIRANJAN RAJASEKAR.S	A	PASS
21	821314114025	PARTHIBAN.A	B	PASS
22	821314114027	PRAVEEN.K	B	PASS
23	821314114028	PRAVEEN KUMAR.V	A	PASS
24	821314114029	PREM KUMAR.K	A	PASS
25	821314114030	RAJESHWARAN.S	A	PASS
26	821314114031	RAJ SHANKAR.R	A	PASS
27	821314114032	RAKESH.M	B	PASS
28	821314114033	SANTHOSH KUMAR.S	A	PASS
29	821314114034	SARAVANA KUMAR.M	A	PASS
30	821314114035	SARCHITHANANTHAM.R	A	PASS
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33	821314114038	SHANMUGHA SUNDARAM.R	B	PASS
34	821314114040	SRI GANAPATHI.K	A	PASS
35	821314114042	THIRUMENI NATHAN.R	A	PASS

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49	821314114305	RAHUL BHARATH.S	B	PASS
50	821314114306	SARABOJI SANKAR.C.R	A	PASS
51	821314114307	SRISATHEESH.M	B	PASS
52	821314114308	VIGNESHWARAN.R	A	PASS

NO of students Registered = 52

U. Krishna

HOD/MECH

No of students Passed = 52

No of students Failed = NIL



DEPARTMENT OF MECHANICAL ENGINEERING

Summary of Introduction to Fuzzy Logic

- ✓ Upon completion of the course, the student will be able to
- ✓ Comprehend the concepts of feed forward neural networks
- ✓ Analyze the various feedback networks.
- ✓ Understand the concept of fuzziness involved in various systems and fuzzy set theory.
- ✓ Comprehend the fuzzy logic control and adaptive fuzzy logic and to design the fuzzy control using genetic algorithm.
- ✓ Analyze the application of fuzzy logic control to real time systems

U. Mishra

HOD/MECH



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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF COMPLETION
Academic Year: 2015 - 2016

This is to certify that Mr. / Mrs. / Ms. MANIYARASAN.R (821314114018)

has successfully completed the add-on course on **ME1507 Introduction to Fuzzy Logic**
and placed in **A** Grade.

91-100 Marks – O Grade (Outstanding)
81 – 90 Marks: A Grade (Excellent)
71 – 80 Marks : B Grade (Very Good)
61 – 70 Marks : C Grade (Good)
51 – 60 Marks: D Grade (Satisfactory)

Course Co-Ordinator

HOD