

**JAWAHARLAL NEHRU
TECHNOLOGICAL UNIVERSITY ANANTAPUR**

Course structure for B.Tech. (Regular)
I year (2009-10) for affiliated Engineering Colleges.

Civil Engineering (C.E.)
(Common For Branches: M.E., C.E, Bio-Tech., Aero.E.)

S.No	Course code	Subject	Th	Tu/Drg./Lab.	Credits
1.	9ABS101	English	2		4
2.	9ABS102	Engineering Physics	2		4
3.	9ABS103	Engineering Chemistry	2		4
4.	9ABS104	Mathematics – I	3	1 - -	6
5.	9A05101	Programming in C and Data Structures	3	1 - -	6
6.	9A03101	Engineering Drawing *		- 6 -	6
7.	9A01101	Engineering Mechanics	3	1 - -	6
8.	9A05102	C Programming & Data Structures Lab		- - 3	4
9.	9A03102	Engineering & I.T. Workshop #		- - 3	4
10.	9ABS106	Engineering Physics and Engineering Chemistry Lab **		- - 3	4
11.	9ABS107	English Language & Communication Skills Lab		- - 3	4
		contact periods/week	15	3 6 12	
		Total/week		36	
Total Credits (7 Theory + 4 Labs)					52

Th = Theory; Tu = Tutorial; Drg = Drawing & Lab = Laboratory:

* Engineering Drawing will have University External Exam.

** The Students attend the Physics lab and Chemistry lab in alternate weeks. The end exam shall be conducted separately and average of the two exams will be recorded by the University exam section.

Students attend Engineering and IT work shop as a single lab every week and the end exam is conducted as a single lab. sharing the Maximum marks and time for one task each from Engineering workshop and IT workshop. The sum of the marks awarded will be recorded

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Civil Engineering (C.E.)

B.Tech II - I Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9ABS301	Mathematics – II ✓	4		4
2.	9A02303	Electrical & Mechanical Technology ✓	4		4
3.	9A01302	Strength of Materials – I ✓	4		4
4.	9A01303	Surveying ✓	4		4
5.	9A01304	Fluid Mechanics ✓	4		4
6.	9A01305	Building Materials & Construction ✓	4		4
7.	9A01306	Surveying Lab – I ✓		3	2
8.	9A01307	Strength of Materials Lab ✓		3	2
		contact periods/week	24	6	
				Total/Week	30
Total Credits (6 Theory + 2 Labs)					28

***NOTE:** In Electrical & Mechanical Technology at least two questions from each part should be chosen for answering five questions in the End semester examination.

S.V. Padmaja Rani
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KODAVAI UR. SPSP Nellore Dist

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

B.Tech II - II Semester

S. No	Course code	Subject	Theory	Lab	Credits
1.	9ABS304	Probability & Statistics	4		4
2.	9ABS303	Environmental Science	4		4
3.	9A01401	Strength of Materials – II	4		4
4.	9A01402	Hydraulics & Hydraulic Machinery	4		4
5.	9A01403	Structural Analysis – I	4		4
6.	9A01405	Building Planning & Drawing	4		4
7.	9A01406	Fluid Mechanics & Hydraulic Machinery Lab		3	2
8.	9A01408	Surveying Lab - II		3	2
		contact periods/week	24	6	
		Total/Week	30		
Total Credits (6 Theory + 2 Labs)					28

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

B.Tech III - I Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9AHS401	Managerial Economics & Financial Analysis	4	-	4
2.	9A01501	Design & Drawing of reinforced concrete structures	4	-	4
3.	9A01502	Concrete Technology	4	-	4
4.	9A01503	Water resources Engineering – I	4	-	4
5.	9A01504	Structural Analysis - II	4	-	4
6.	9A01505	Engineering Geology	4	-	4
7.	9A01506	Engineering Geology Lab	-	3	2
8.	9AHS601	Advanced English Communication Skills Lab	-	3	2
		contact periods/week	24	6	
		Total/Week	30		
Total Credits (6 Theory + 2 Labs)					28

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B.Tech III - II Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9A01601	Design & Drawing of Steel Structures	4	-	4
2.	9A01602	Geotechnical Engineering - I	4	-	4
3.	9A01603	Environmental Engineering - I	4	-	4
4.	9A01604	Water Resources Engineering - II	4	-	4
5.	9A01605	Estimation, Costing and valuation	4	-	4
6.	9A01606	Transportation Engineering	4	-	4
7.	9A01607	Geotechnical Engineering Lab	-	3	2
8.	9A01608	Environmental Engineering Lab	-	3	2
contact periods/week			24	6	
			Total/Week 30		
Total Credits (6 Theory + 2 Labs)					28

B.Tech IV - I Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9A01701	Finite Element Methods in Civil Engg.	4	-	4
2.	9A01702	Bridge Engineering	4	-	4
3.	9A01703	Geotechnical Engineering - II	4	-	4
4.	9A01704	Environmental Engineering - II	4	-	4
5.		Elective - I			
	9A01705	1. Earthquake Resistant Design	4	-	4
	9A01706	2. Air Pollution & Control			
	9A01707	3. Railways, Docks and Harbor Engineering			
6.		Elective - II			
	9A01708	1. Water resources System Planning & Management	4	-	4
	9A01709	2. Advanced Structural Analysis			
	9A01710	3. Construction Technology and Project Management			
7.	9A01711	CAD Lab	-	3	2
8.	9A01712	Concrete & Highway Materials Lab	-	3	2
contact periods/week			24	6	
			Total/Week 30		
Total Credits (6 Theory + 2 Labs)					28

S. V. Padmavathi Rao
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B.Tech IV - II Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9A01801	Advanced Structural Engineering	4	-	4
2.	9A01802	Design and Drawing of Irrigation Structures	4	-	4
3.	9A01803 9A01804 9A01805	Elective - III 1. Advanced Foundation Engineering 2. Ground Improvement Techniques 3. Remote Sensing & GIS	4	-	4
4.	9A01806 9A01807 9A01808	Elective - IV 1. Experimental Stress Analysis 2. Prestressed concrete 3. Environmental Impact Assessment and Management	4	-	4
5.	9A01809	Seminar			2
6.	9A01810	Project			10
		contact periods/week	16	-	-
			Total/Week 16		
Total Credits (4Theory + Seminar + Project Work)					28

S.V. Padma Raju Ravi
PRINCIPAL
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 OF ENGINEERING
 KODAVAI UR. SPSP Nellore Dist

Detailed Syllabus

B.Tech. I Year (C.E.)

T P C
2 0 4

(9ABS101) ENGLISH

1. INTRODUCTION :

The sweeping changes in the world have elevated English to the status of a tool of global communication and transformed it into e-English. The syllabus has been drafted to improve the competence of students in communication in general and language skills in particular. The books prescribed serve as students' handbooks.

The teacher should focus on the skills of reading, writing, listening and speaking while using the prescribed text and exercises. The classes should be interactive. The students should be encouraged to participate in the classroom proceedings and also to write short paragraphs and essays. The main aim is to encourage two way communications in place of the one-sided lecture.

The text for non-detailed study is meant for extensive reading by the students. They may be encouraged to read some select topics on their own, which could lead into a classroom discussion. In addition to the exercises from the texts done in the class, the teacher can bring variety by using authentic materials such as newspaper articles, advertisements etc.

2. OBJECTIVES:

- To improve the language proficiency of the students in English with an emphasis on LSRW skills.
- To equip the students to study academic subjects with greater facility through theoretical and practical components of the syllabus.
- To develop study skills as well as communication skills in formal and informal situations.

3. SYLLABUS :

Listening Skills:

Objectives

- To enable students to develop their listening skills so that they may appreciate its role in the LSRW skills approach to language and improve their pronunciation
- To equip students with necessary training in listening so that they can comprehend the speech of people of different backgrounds and dialects.



ENGINEERING INTEGRATED TRAINING INSTITUTE

Regd. office at No. 23/896, 1st Floor, Wahabpet, Nellore-524003

Date: 14/03/2016

CERTIFICATE

This is to certify that the project entitled

” DETAILED STUDY OF PROPERTIES OF DIFFERENT TYPES OF WATER IN NELLORE DISTRICT”

Carried out by

P. ASRITHA	12JN1A0142
SRI HARSHA	12JN1A0129
D. RAJA SEK HAR REDDY	12JN1A0114
N.KARTHEEK SAI KUMAR	12JN1A0137
K.MASTHANAI AH	12JN1A0126

Pursuing B.Tech IV year CIVIL from SREE VENKATESWARA ENGINEERING COLLEGE, Nellore towards the fulfillment of their Bachelor Degree during the period 15/02/2016 to 14/03/2016.

During the above said period, their interest towards the Project Work was highly appreciable.



Regards
For Engineering Integrated Training Institute

k. Manidhar
Managing Partner



ENGINEERING INTEGRATED TRAINING INSTITUTE

Regd. office at No. 23/896, 1st Floor, Washipet, Nellore-524003

Date: 14/03/2016

CERTIFICATE

This is to certify that the project entitled
"MECHANICAL PROPERTIES OF DEMOLISHED AGGEREGATES USED AS
AGGEREGATES IN M35 GRADE CONCRETE"

Carried out by

K.GANGADHARAKRISHNAPRASAD
B.PRASANNAKUMARREDDY
Y.SAI SRAVANTHI
N.NAGARJUNA
V.JHEMA KUMAR
P.VENKATA PRASAD

12JN1A0130
12JN1A0111
12JN1A0159
12JN1A0139
12JN1A0157
12JN1A0145

Pursuing B.Tech IV year CIVIL from SREE VENKATESWARA ENGINEERING
COLLEGE, Nellore towards the fulfillment of their Bachelor Degree during the period 15/02/2016
to 14/03/2016.

During the above said period, their interest towards the Project Work was highly appreciable.

For Engineering Integrated Training Institute



K. Manikhal
Managing Partner





ENGINEERING INTEGRATED TRAINING INSTITUTE

Regd. office at No. 23/896, 1st Floor, Wahabpet, Nellore-524003

Date: 14/03/2016

CERTIFICATE

This is to certify that the project entitled
"STABILISATION OF EXPANSIVE SOIL BY USING ADMIXTURES"

Carried out by

B.KUMAR SWAMI REDDY
G.VENKATESH
CH. V. V. SUMANTH
R.SUNDEEP KUMAR
SHAIL ABDUL RAVOOF
M.NAVEEN

12JN1A0105
12JN1A0121
12JN1A0112
12JN1A0148
12JN1A0150
12JN1A0134

Pursuing B.Tech IV year CIVIL from SREE VENKATESWARA
ENGINEERING COLLEGE, Nellore towards the fulfillment of their Bachelor Degree
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For Engineering Integrated Training Institute



K. Manidhal
Managing Partner

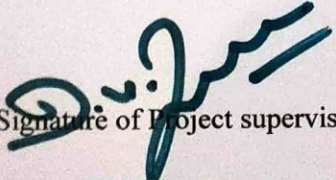


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SREE VENKATESWARA COLLEGE OF ENGINEERING::NELLORE
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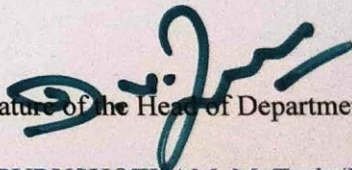
CERTIFICATE

This is to certify that the project report entitled "**EXPERIMENTAL STUDY ON REPLACEMENT OF CEMENT BY SILICA FUME AND METAKAOLIN**" being submitted by **B. AKSHAY KUMAR (12JN1A0110), B. BINDHU (12JN1A0109), A. PRAVEENA (12JN1A0104), K. GOWTHAM (12JN1A0125), SK. IBRAHIM (12JN1A0152), Y. RAJESH (11JN1A0142)** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

Signature of Project supervisor


D.V.PURUSHOTHAM, M. Tech (PhD)
PROJECT GUIDE
Department of Civil Engineering
Sree Venkateswara College of Engineering,
Nellore.

Signature of the Head of Department


D.V.PURUSHOTHAM, M. Tech (PhD)
HEAD OF THE DEPARTMENT
Department of Civil Engineering,
Sree Venkateswara College of Engineering
Nellore.


Signature of External examiner

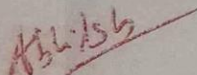
Department of Civil Engg.
SREE VENKATESWARA COLLEGE OF ENGINEERING
KOUATALLURAI, SPSR Nellore Dist.

22/4/16

Department Of Civil Engineering
SREE VENKATESWARA COLLEGE OF ENGINEERING::NELLORE
(Affiliated to JNTU, Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled "A COMPARATIVE STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATES WITH QUARRY DUST" being submitted by **V.LAKSHMI(13JN5A0102)**, **M.PHANINDRA(12JN1A0131)**, **N.VENKATA PRUDVI RAM(12JN1A0140)**, **G. VENKATESH(12JN1A0122)**, **M.HARI KRISHNA (12JN1A0133)**, **R.VENKATESH (12JN1A0147)** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor

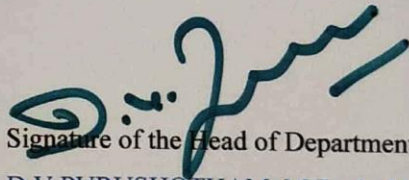
N.S.ABHILASH, M.Tech

PROJECT GUIDE

Department of Civil Engineering

Sree Venkateswara College of Engineering,

Nellore


Signature of the Head of Department

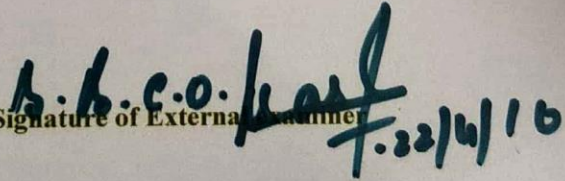
D.V.PURUSHOTHAM, M.Tech (PhD)

HEAD OF THE DEPARTMENT

Department of Civil Engineering,

Sree Venkateswara College of Engineering

Nellore.


Signature of External Examiner

7.22/6/16

Department of Civil Engineering
SREE VENKATESWARA COLLEGE OF ENGINEERING in NELLORE
(Affiliated to JNTU, Anantapuramu)



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON COMPARISON BETWEEN HIGH PERFORMANCE CONCRETE AND REACTIVE POWDER CONCRETE" being submitted by **S.VIVEK CHOWDARY(12JNIA0155)** , **A.SAI GIRIDHAR(12JNIA0101)**, **N.KAVYA(12JNIA0136)** , **P.MADHAV(12JNIA0144)** , **D.VISHNU VARDHAN (12JNIA0116)** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

Signature of Project supervisor

K.MAHENDRA, M.Tech

PROJECT GUIDE

Department of Civil Engineering
Sree Venkateswara College of Engineering,
Nellore.

Signature of the Head of Department

D.V.PURUSHOTHAM, M.Tech

HEAD OF THE DEPARTMENT

Department of Civil Engineering,
Sree Venkateswara College of Engineering,
Nellore.

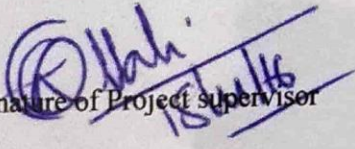
b.s.c.o. / 22/11/16
Signature of External Examiner

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SREE VENKATESWARA COLLEGE OF ENGINEERING::NELLORE
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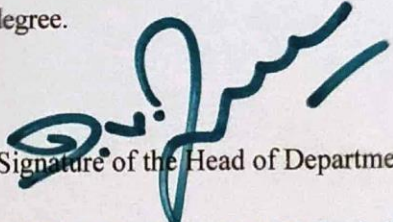
CERTIFICATE

This is to certify that the project report entitled "**HYBRID FIBER REINFORCED CONCRETE**" being submitted by **D. GHANASYAM (12JN1A0117), K. PRATHAP KUMAR (12JN1A0127), A. NAVEEN REDDY (12JN1A0102), B. PRAVEENA (12JN1A0107), V. SUKUMAR (12JN1A0158), M. SIVA NARAYANA REDDY (12JN1A0132)** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

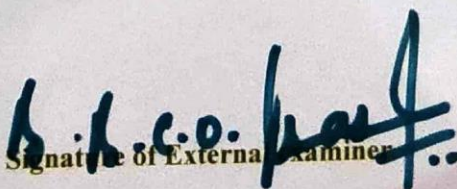
Signature of Project supervisor


K.MAHENDRA, M. Tech
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Sree Venkateswara College of Engineering,
Nellore.

Signature of the Head of Department


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Department of Civil Engineering,
Sree Venkateswara College of Engineering
Nellore.

Signature of External Examiner



Department Of Civil Engineering
SREE VENKATESWARA COLLEGE OF ENGINEERING::NELLORE
(Affiliated to JNTU, Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled "**TRAFFIC VOLUME ANALYSIS AND DESIGN OF SIGNALS AT NELLORE CITY**" being submitted by **K.CHANDRA SEKHAR (12JNIA0124), K. SUSHMANTH (12JNIA0128), P. REEPIKA SREE (12JNIA0143), S.SAI TEJA (12JNIA0149), A. NAGARJUNA (12JNIA0103), G.AMARNATH (12JNIA0120)** in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

Signature of Project supervisor

SK.HUMAYUN BASHA, M. Tech
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Nellore.

Signature of the Head of Department

D.V.PURUSHOTHAM, M. Tech (PhD)
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Department of Civil Engineering,
Sree Venkateswara College of Engineering,
Nellore.

Signature of External examiner

H.K.C.O. Paul
22/4/16

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Course structure for B.Tech. (Regular) I year (2009-10)
for affiliated Engineering Colleges.

ELECTRICAL AND ELECTRONICS ENGINEERING (E.E.E.)
(Common for Branches: E.C.E., E.E.E., E.I.E.,
C.S.E., I.T., C.S.S.E., E.Cont.E., E.C.M.)

Sl. No	Course code	Subject	Th	Tu/Drg/Lab	Credits
1.	9ABS101	English	2		4
2.	9ABS102	Engineering Physics	2		4
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4.	9ABS104	Mathematics - I	3	1 - -	6
5.	9A05101	Programming in C and Data Structures	3	1 - -	6
6.	9A03101	Engineering Drawing *		- 6 -	6
7.	9ABS105	Mathematical Methods	3	1 - -	6
8.	9A05102	C Programming & Data Structures Lab		- - 3	4
9.	9A03102	Engineering & I.T. Workshop #		- - 3	4
10.	9ABS106	Engineering Physics and Engineering Chemistry Lab **		- - 3	4
11.	9ABS107	English Language & Communication Skills Lab		- - 3	4
		contact periods/week	15	3 6 12	
		Total /week		36	
Total Credits (7 Theory + 4 Labs)					52

Th = Theory; Tu = Tutorial; Drg = Drawing & Lab = Laboratory;

* Engineering Drawing will have University External Exam.

** The Students attend the Physics lab and Chemistry lab in alternate weeks. The end exam shall be conducted separately and average of the two exams will be recorded by the University exam section.

Students attend Engineering and IT work shop as a single lab every week and the end exam is conducted as a single lab. Sharing the Maximum marks and time for one task each from Engineering workshop and IT workshop. The sum of the marks awarded will be recorded.

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ELECTRICAL AND ELECTRONICS ENGINEERING (E.E.E.)

II Year B.Tech - I Semester

Sl. No	Course code	Subject	Theory	Lab.	Credits
1.	9ABS302	Mathematics III	4		4
2.	9ABS303	Environmental Science	4		4
3.	9A01308	Fluid Mechanics and Hydraulic Machinery	4		4
4.	9A04301	Electronic Devices and circuits	4		4
5.	9A02305	Electrical Circuits	4		4
6.	9A02308	Electrical Machines - I	4		4
7.	9A01309	Basic Fluid Mechanics and Hydraulic machines lab		3	2
8.	9A04302	Electronic Devices & circuits lab		3	2
		contact periods/week	24	6	
		Total/Week	30		
Total Credits (6 Theory + 2 Labs)					28

S. V. Padmajarani
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KODAVAI UR, SPSP Nellore Dist

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

II Year B.Tech - II Semester

Sl. No	Course code	Subject	Theory	Lab.	Credits
✓ 1.	9A02404	Electromagnetic Fields	4		4
✓ 2.	9A02403	Generation of Electric Power	4		4
3.	9A02405	Analog Electronic Circuits	4		4
4.	9A04401	Switching theory and logic design	4		4
✓ 5.	9A02406	Network Theory	4		4
✓ 6.	9A02407	Electrical Machines -II	4		4
✓ 7.	9A02408	Electrical Machines Lab -I		3	2
✓ 8.	9A02409	Electric circuits and simulation lab		3	2
		contact periods/week	24	6	
		Total/Week	30		
Total Credits (6 Theory + 2 Labs)					28

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

III Year B.Tech I-Sem

Sl. No	Course Code	Subject	L	P	Credits
1	9AHS401	Managerial Economics and Financial Analysis	4		4
✓ 2	9A02501	Electrical & Electronic Measurements	4		4
✓ 2	9A02502	Transmission of Electric Power	4		4
✓ 3	9A02503	Control Systems	4		4
✓ 4	9A02504	Power Electronics	4		4
✓ 5	9A02505	Electrical Machines - III	4		4
✓ 6	9A02506	Electrical Machines Lab - II		3	2
✓ 7	9A02507	Control Systems and Simulation Lab		3	2
8		contact period / week	24	6	
		Total/Week	30		
Total Credits (6 Theory + 2 Labs)					28

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OF ENGINEERING
KODAVAI UR, SPSP Nellore Dist

III Year B.Tech II-Sem

Sl. No	Course Code	Subject	L	P	Credits
1.	9AHS701	Management Science	4		4
2.	9A02601	Power Semiconductor Drives	4		4
3.	9A02602	Power System Analysis	4		4
4.	9A04602	Microprocessors and Microcontrollers	4		4
5.	9A02603	Power System Operation and Control	4		4
6.	9A10504	Linear & Digital IC Applications	4		4
7.	9AHS601	Advanced English Communication Skills Lab		3	2
8.	9A02604	Electrical Measurements Lab		3	2
		contact period / week	24	6	
		Total/Week 30			
Total Credits (6 Theory + 2 Labs)					28

IV Year B.Tech I-Sem

Sl. No	Course Code	Subject	L	P	Credits
1.	9A02701	Distribution of Electric Power	4		4
2.	9A04603	Digital Signal Processing	4		4
3.	9A02702	Fundamentals of HVDC & FACTS Devices	4		4
4.	9A02703	Switch Gear and Protection	4		4
5.		ELECTIVE - I	4		4
	9A02704	1. Instrumentation			
	9A02705	2. High Voltage Engineering			
	9A02706	3. Renewable Energy Sources			
6.		ELECTIVE - II	4		4
	9A02707	1. Soft Computing Techniques			
	9A02708	2. Reliability Engineering and Applications to Power Systems			
	9A02709	3. Optimization Techniques			
7.	9A02710	Microprocessors and microcontrollers lab		3	2
8.	9A02711	Power Electronics and Simulation Lab		3	2
		Contact period / week	24	6	
		Total/Week 30			
Total Credits (6 Theory + 2 Labs)					28

S.V. Padmaja Rao
PRINCIPAL
SREE VENKATESWARA COLLEGE
OF ENGINEERING
KODAVAI UR, SPSP Nellore Dist

IV Year B.Tech II-Sem

Sl.No	Course Code	Subject	L	P	Credits
1.	9A02801	Principles of Power Quality	4		4
2.	9A02802	Utilization Of Electrical Energy	4		4
3.		ELECTIVE - III	4		4
	9A02803	1. Modern Control Theory			
	9A02804	2. Special Electrical Machines			
	9A02805	3. Plc & Dcs - Its Applications			
4.		ELECTIVE - IV	4		4
	9A02806	1. Embedded Systems			
	9A02807	2. Design of Electrical Systems			
	9A02808	3. Energy Auditing & Demand Side Management			
5.	9A02809	Seminar			2
6.	9A02810	Project			10
		contact period / week	16		
		Total/Week 16			
Total Credits (4 Theory + Seminar + Project work)					28

S.V. Padmaja Ravi
PRINCIPAL
SREE VENKATESWARA COLLEGE
OF ENGINEERING
 KODAVAI UR. SPSP Nellore Dist

Detailed Syllabus

B.Tech. I Year (E.E.E)

T P C
2 0 4

(9ABS101) ENGLISH

1. INTRODUCTION :

The sweeping changes in the world have elevated English to the status of a tool of global communication and transformed it into e-English. The syllabus has been drafted to improve the competence of students in communication in general and language skills in particular. The books prescribed serve as students' handbooks.

The teacher should focus on the skills of reading, writing, listening and speaking while using the prescribed text and exercises. The classes should be interactive. The students should be encouraged to participate in the classroom proceedings and also to write short paragraphs and essays. The main aim is to encourage two way communications in place of the one-sided lecture.

The text for non-detailed study is meant for extensive reading by the students. They may be encouraged to read some select topics on their own, which could lead into a classroom discussion. In addition to the exercises from the texts done in the class, the teacher can bring variety by using authentic materials such as newspaper articles, advertisements etc.

2. OBJECTIVES:

- a. To improve the language proficiency of the students in English with an emphasis on LSRW skills.
- b. To equip the students to study academic subjects with greater facility through theoretical and practical components of the syllabus.
- c. To develop study skills as well as communication skills in formal and informal situations.

3. SYLLABUS :

Listening Skills:**Objectives**

1. To enable students to develop their listening skills so that they may appreciate its role in the LSRW skills approach to language and improve their pronunciation
2. To equip students with necessary training in listening so that they can comprehend the speech of people of different backgrounds and dialects.

Students should be given practice in listening and identifying the sounds of English language and to mark stress, right intonation in connected speech.



CERTIFICATE

This is to certify that

V.SATISH	13JN5A0210
G.V.LAKSHMI KALYANI	13JN5A0205
Z.RATNA SAGAR	12JN1A0257
D.SAIRAM	12JN1A0212

Pursuing IV B.Tech Electrical & Electronics Engineering from Sree Venkateswara College of Engineering, Kodavalur has carried out Project work on **“Intelligent Control Method for The MPPT Of a PV System under Variable Solar Radiation Condition”** at LETSLEARN.GURU, Nellore, from 05-02-2016 to 15-03-2016.

During the above period, their conduct was found to be very good.

Dt. 15-03-2016
Nellore.


DIRECTOR



SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALURU
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a Project report entitled as "**DESIGN AND IMPLEMENTATION OF SEVEN LEVEL CASCADED MULTI LEVEL INVERTER WITH MBC SYSTEM FOR PV APPLICATIONS**" is a bonafide report submitted by G.SAITEJA(12JN1A0219),M.VINEELA(12JN1A0234) K.PRAVALLIKA (12JN1A0221).in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in "**ELECTRICAL AND ELECTRONICS ENGINEERING**" during the academic year 2015-2016.

Mr.V.ANIL KUMAR , M.E.(Ph.D.),
Associate Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Mr.V.ANIL KUMAR , M.E.(Ph.D.),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project viva-voce 24-04-16

Examiner-1
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Examiner-2

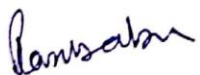



SREE VENKATESWARA COLLEGE OF ENGINEERING, NELLORE
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as "ENHANCEMENT OF POWER QUALITY BY USING A STATCOM CONTROL SCHEME FOR GRID CONNECTED WIND ENERGY SYSTEM" is a bonafide report submitted by R.ELIZABETH DEEPTI-(12JN1A0246), G.SIVA NAGA SAI KALYAN-(12JN1A0214), A.VINEETHA-(12JN1A0201), T.VENKATESH - (12JN1A0252) in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in "**ELECTRICAL AND ELECTRONICS ENGINEERING**" during the academic year 2015-2016.


Mr.E.RAMBABU , M.Tech.,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.


Mr.V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of project submission 24/4/16


Examiner-1


Examiner-2

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SREE VENKATESWARA COLLEGE OF ENGINEERING, NELLORE
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR



CERTIFICATE

This is to certify that a project report entitled as “**POWER FLOW CONTROL IN TRANSMISSION LINE BY USING UPFC**” is a bonafide report submitted by V.NAVEENKUMAR (13JN5A0211) K.SUKANYA (12JN1A0224) A.SAI MOUNIKA (12JN1A0202) P.HARSHA VARDHAN (12JN1A0239) in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in “ **ELECTRICAL AND ELECTRONICS ENGINEERING**” during the academic year 2015-2016.

V.ANIL KUMAR, M.E (Ph.D),
Associate Professor & HOD ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor & HOD ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of project submission 24/4/16

Examiner-1

Examiner-2





SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALURU
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as "REDUCTION OF TOTAL HARMONIC DISTORTION USING ELEVEN-LEVEL CASCADED MULTILEVEL INVERTER FED THREE PHASE GRID" is a bonafide report submitted by G.SUPRAJA (12JN1A0216), SK.JASMIN (12JN1A0247), SK.ZAHID FAZAL (12JN1A0251), M.V.P.SAI KRISHNA (12JN1A0226) in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in "ELECTRICAL AND ELECTRONICS ENGINEERING" during the academic year 2015-2016.


Mr. V.VISHNU VARDHAN, M.Tech
Assistant Professor
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering,
Nellore-524316.


Mr. V.ANIL KUMAR, M.E.(Ph.D.),
Associate Professor,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering,
Nellore-524316.

Date of Project submission 24.04.2016


Examiner-1



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Examiner-2

SREE VENKATESWARA COLLEGE OF ENGINEERING, NELLORE
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as **“A SINGLE PHASE GRID CONNECTED FUEL CELL SYSTEM BASED ON BOOST INVERTER”** is a bonafide report submitted by **T.SANATH REDDY (12JN1A0253), G.BHARGAVI(12JN1A0218) SK. NAAZ (12JN1A0248),K. RAVI TEJA (12JN1A0222).**in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in **“ ELECTRICAL AND ELECTRONICS ENGINEERING ”** during the academic year **2015-2016.**

P.V.S.L.PAVANA KUMARI , M.Tech,
Associate Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
SreeVenkateswara College of Engineering ,
Nellore-524316.

2015-2016.

V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
SreeVenkateswara College of Engineering ,
Nellore-524316.

Date of project 24/04/2016.

Examiner-1

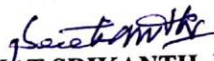
Examiner-2


SREE VENKATESWARA COLLEGE OF ENGINEERING, NORTH RAJUPALEM
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING




CERTIFICATE

This is to certify that the project report entitled as “Design And Simulation Of Cascaded H-Bridge Multilevel Inverter Based DSTATCOM For The Compensation Of Reactive Power And Harmonics” is a bonafide report submitted by M.PAVANI (12JN1A0225), T.MAHESH(12JN1A0255), P.HIMAJA(12JN1A0240), R.KARUNYA(12JN1A0245) in partial fulfillment of the requirements for the award of degree of bachelor of technology in “**ELECTRICAL AND ELECTRONICS ENGINEERING**” during the academic year 2015-2016.


M.T.SRIKANTH ,M.Tech.,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.


Mr.V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project submission 24/04/2016


Examiner-1


Examiner-2





SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALURU
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a Project report entitled as "IMPROVING EFFICIENCY BY USING SIMO DC-DC CONVERTER" is a bonafide report submitted by B.SUVARNA (12JN1A0208), A.SUMANTH (12JN1A0204), O.V.SUKANYA (12JN1A0237), SK.KHADEER BASHA (13JN5A0208) in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in " **ELECTRICAL AND ELECTRONICS ENGINEERING** " during the academic year 2015-2016.


Mrs. M. BHARATI, M.Tech,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.


Mr. V. ANIL KUMAR , M.E (Ph.D.),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project Submission 24/4/16


Examiner-1


Examiner-2



SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALURU

AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as “MODIFIED SVPWM BASED SHUNT ACTIVE POWER FILTER FOR REDUCING HARMONICS IN THE POWER SYSTEM” is a bonafide report submitted by P.NARASIMHA SIVA SAI RAMA ABHISHEK (12JN1A0238), S.JAGADEESH KUMAR (13JN5A0214), A.LAVANYA (13JN5A0201), P.PENCHALA PRATAP (12JN1A0243) in the partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in “ELECTRICAL AND ELECTRONICS ENGINEERING ” during the academic year 2015-2016.

T. Venkata Prasad
Mr.T.VENKATA PRASAD, M.Tech,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Anil Kumar
Mr.V.ANIL KUMAR , M.E.(Ph.D.),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project submission 24/4/16



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Anil Kumar
Examiner-1

Sudhakar
Examiner-2

**SREE VENKATESWARA COLLEGE OF ENGINEERING,
NELLORE**

AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,
ANANTAPUR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as "IMPROVEMENT OF PERFORMANCE USING CLOSED LOOP OPERATION OF DUAL AC-DC BUCK CONVERTER FED FOUR QUADRANT DC DRIVE" is a bonafide report submitted By **G.LAKSHMIISWARYA(13JN5A0204),B.SUDHEER KUMAR(12JN1A0211), A.MADHURI(12JN1A0205), M.MAHESH(12JN1A0229)** in partial fulfillment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in "**ELECTRICAL AND ELECTRONICS ENGINEERING**" during the academic year 2015-2016.




Mr. K.GIRISH KUMAR, M.Tech,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.



Mr. V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project Viva 24-4-2016



Examiner-1



Examiner-2



SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALURU

AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a Project report entitled as “**IMPROVED ON TIME POWER FACTOR CORRECTION USING BUCK CONVERTER**” is a bonafide report submitted by SK.NAZEERA (12JN1A0249), SK.NOUSHAD(13JN5A0209), P.SAMPATH KUMAR(13JN5A0213), K.HARI KRISHNA(12JN1A0223) in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in “ **ELECTRICAL AND ELECTRONICS ENGINEERING**” during the academic year 2015-2016.

Mr.E.RAMBABU, M.Tech,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Mr.V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project viva 24/4/2016



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Examiner-2


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SREE VENKATESWARA COLLEGE OF ENGINEERING
KODAVALURU, NELLORE

AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY,
ANANTAPUR



CERTIFICATE

This is to certify that a project report entitled as "MULTILOOP CONTROL STRATEGY FOR THREE-PHASE INVERTER OPERATION IN DISTRIBUTION GENERATION" is being submitted by G.PRADEEP (12JN1A0217), M.HAREESHA (12JN1A0227), N.SAI CHAITANYA (12JN1A0236), M.DUSHYANTH (12JN1A0232) along with his batch mates in partial fulfilment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in "ELECTRICAL AND ELECTRONICS ENGINEERING" during the academic year 2015-2016.

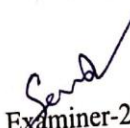

PROJECT GUIDE

Mr. S.SEKHAR, M.Tech.
Assistant Professor,
Dept. of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering
Nellore-524316.


HEAD OF THE DEPARTMENT

Mr. V. ANIL KUMAR, M.E.,(Ph.D.)
Associate Professor
Dept. of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering
Nellore-524316.

Date of PROJECT submission 24/04/2016


Examiner-2

SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALURU

**AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as “REDUCTION OF LOSSES AND COMPARISON OF SENSOR AND SENSOR LESS CONTROL OF PMBLDC MOTOR BY USING FOUR SWITCH INVERTER” is a bonafide report submitted by Y.VAMSI KRISHNA (12JN1A0256), B.MANOJ KUMAR (12JN1A0209), D.SURENDRA (13JN5A0203), P.SUKUMAR REDDY (12JN1A0244) in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in “ **ELECTRICAL AND ELECTRONICS ENGINEERING** ” during the academic year 2015-2016.

Mr. V.ANIL KUMAR , M.E.(Ph.D.),
Associate Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Mr. V.ANIL KUMAR , M.E.(Ph.D.),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project submission 24-04-2016

Examiner-1 with
CamScanner

Examiner-2




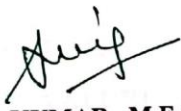
SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALURU
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as “**SPEED CONTROL OF OPEN END WINDING INDUCTION MOTOR BY USING SVPWM TECHNIQUE**” is a bonafide report submitted by **V.RAMAKRISHNA (13JN5A0212), B.PREM SAGAR (12JN1A0210), N.ARAVIND REDDY (13JN5A0207), CH.MADHU (13JN5A0202)** in partial fulfillment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in “ **ELECTRICAL AND ELECTRONICS ENGINEERING** ” during the academic year 2015-2016.


Miss.M.KRISHNA PRIYA, (M.Tech),
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.


Mr.V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project Submission 24-04-2016.


Examiner-1


Examiner-2



SREE VENKATESWARA COLLEGE OF ENGINEERING, NELLORE

**AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a project report entitled as “ **POWER QUALITY IMPROVEMENT BY USING IUPQC** ” is a bonafide report submitted by **G.KATHYAYANI(12JN1A0215), SK.AYESHA(12JN1A0250), D.JAYALALITHA(12JN1A0213), B.PAVAN KUMAR(12JN1A0206)** in partial fulfillment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in “ **ELECTRICAL AND ELECTRONICS ENGINEERING** ” during the academic year 2015-2016.

Mr. T.V.SARATH KUMAR, M.TECH.,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Mr. V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of project review 24/4/16

Examiner-1

Examiner-2

SREE VENKATESWARA COLLEGE OF ENGINEERING, NELLORE


**AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR**


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a seminar report entitled as
“Improvement of Power Quality In A Grid Connected Photo Voltaic
System By Using Incremental Conductance MPPT Algorithm” is a
bonafide report submitted by M.HIMABINDU (12JN1A0231),M.SRAVANI
(12JN1A0230),K.CHAITANYA (13JN5A0206),P.SRIKANTH (12JN1A0242) in
partial fulfillment of the requirements for the award of degree of BACHELOR OF
TECHNOLOGY in “ **ELECTRICAL AND ELECTRONICS ENGINEERING** ”
during the academic year 2015-2016.


Y.V.Niranjan Kumar, M.Tech.,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.


V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project Viva-voce 24/4/2016


Examiner-1


Examiner-2




SREE VENKATESWARA COLLEGE OF ENGINEERING, KODAVALRU
AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that a Project report entitled as “**A TWO LAYER TECHNIQUES FOR CONSTANT POWER CONTROL OF 15 DFIG WIND TURBINES WITH SMES SYSTEM**” is a bonafide report submitted by N.LAVANYA (12JN1A0235), T.JYOTHI (12JN1A0254), P.SRAVAN KUMAR (12JN1A0241), K.HARISHKUMAR (12JN1A0220), K.CHIRANHEEVI (11JN1A0224). in partial fulfillment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in “**ELECTRICAL AND ELECTRONICS ENGINEERING**” during the academic year 2015-2016.


Mr. Y.V.NIRANJANA KUMAR, M.Tech,
Assistant Professor ,
Project Guide,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.


Mr. V.ANIL KUMAR , M.E.(Ph.D),
Associate Professor ,
Head of the Department,
Dept of Electrical and Electronics Engg,
Sree Venkateswara College of Engineering ,
Nellore-524316.

Date of Project Submission 24/4/16


Examiner-1


Examiner-2



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Course structure for B.Tech. (Regular) I year (2009-10) for affiliated Engineering Colleges.

MECHANICAL ENGINEERING (M.E.)
(Common for Branches: M.E., C.E, Bio-Tech., Aero.E.)

S.No	Course code	Subject	Th	Tu/Drg./Lab.	Credits
1	9ABS101	English	2		4
2	9ABS102	Engineering Physics	2		4
3	9ABS103	Engineering Chemistry	2		4
4	9ABS104	Mathematics - I	3	1 - -	6
5	9A05101	Programming in C and Data Structures	3	1 - -	6
6	9A03101	Engineering Drawing *		- 6 -	6
7	9A01101	Engineering Mechanics	3	1 - -	6
8	9A05102	C Programming & Data Structures Lab		- - 3	4
9	9A03102	Engineering & I.T. Workshop #		- - 3	4
10	9ABS106	Engineering Physics and Engineering Chemistry Lab **		- - 3	4
11	9ABS107	English Language & Communication Skills Lab		- - 3	4
		contact periods/week	15	3 6 12	52
		Total contact periods/week		36	

Th = Theory; Tu = Tutorial; Drg = Drawing & Lab = Laboratory:

* Engineering Drawing will have University External Exam.

** The Students attend the Physics lab and Chemistry lab. in alternate week that is 3/2 per week. The end exam shall be conducted separately and average of the two exams will be recorded by the exam section

The Students attend Engineering and IT work shop as a single lab. every week and the end exam is conducted as a single lab. sharing the Maximum marks and time for one task from Engineering workshop and one from IT workshop. The sum of the marks awarded will be recorded

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

MECHANICAL ENGINEERING (M.E.)

B.Tech II - I Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9ABS301	Mathematics -II	4		4
2.	9A01301	Mechanics of Solids	4		4
3.	9A02301	Electrical Engineering and Electronics Engineering	4		4
4.	9A03301	Materials Science and Engineering	4		4
5.	9A03302	Thermodynamics	4		4
6.	9A03303	Machine Drawing		6	4
7.	9A02302	Electrical Engineering Lab / Electronics Engineering Lab		3	2
8.	9A03304	Material Science Lab/ Mechanics of Solids Lab		3	2
		contact periods/week	20	6	28
		Total	32	6	

*NOTE: In Electrical Engineering and Electronics Engineering two questions from each part should be chosen to answer five questions in the End semester examination.

The Students attend the Electrical Engineering lab and Electronics Engineering lab in alternate week that is 3/2 per week.

The Students attend the Material Science lab and Mechanics of Solids lab in alternate week that is 3/2 per week.

Machine Drawing will be 4 hrs End Exam

S.V. Padmavathi
PRINCIPAL
SREE VENKATESWARA COLLEGE
OF ENGINEERING
KODAVAI UR. SPSP Nellore Dist

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

MECHANICAL ENGINEERING (M.E.)

B.Tech II - II Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9ABS304	Probability and Statistics	4		4
2.	9ABS303	Environmental Science	4		4
3.	9A03401	Kinematics of Machinery	4		4
4.	9A03402	Thermal Engineering -I	4		4
5.	9A01404	Fluid Mechanics and Hydraulic Machinery	4		4
6.	9A03403	Manufacturing Technology	4		4
7.	9A01407	Fluid Mechanics and Hydraulic Machinery Lab		3	2
8.	9A03404	Manufacturing Technology Lab		3	2
		contact periods/week	24	6	28
		Total	30		

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

MECHANICAL ENGINEERING (ME)
COURSE STRUCTURE

III B. Tech. - I Semester (ME)

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9AHS401	Managerial Economics and Financial Analysis	4		4
2.	9A03501	Thermal Engineering II	4		4
3.	9A03502	Dynamics of Machinery	4		4
4.	9A03503	Machine tools	4		4
5.	9A03504	Design of Machine Elements-I	4		4
6.	9A03505	Heat Transfer	4		4
7.	9A03506	Heat Transfer Lab		3	2
8.	9A03507	Thermal Engineering Lab		3	2
		contact periods/week	24	6	28
		Total	30		

S. V. Padmaraj Kumar
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 SREE VENKATESWARA COLLEGE
 OF ENGINEERING
 KODAVAI UR, SPSP Nellore Dist

III B. Tech. – II Semester (ME)

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9A03601	Industrial Management	4		4
2.	9A03602	CAD/CAM	4		4
3.	9A03603	Metrology	4		4
4.	9A03604	Refrigeration and Air Conditioning	4		4
5.	9A03605	Design of Machine Elements-II	4		4
6.	9A03606	Automobile Engineering	4		4
7.	9A03607	Metrology Lab & Machine Tools Lab		3/2 (each)	2
8.	9AHS601	Advanced English Communication Skills Lab		3	2
		contact periods/week	24	6	28

IV B. Tech. – I Semester (ME)

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9A03701	Operations Research	4		4
2.	9A03702	Automation & Robotics	4		4
3.	9A03703	Finite Element Methods	4		4
4.	9A03704	Instrumentation and Control Systems	4		4
5.		ELECTIVE – I	4		4
	9A03705	1. Entrepreneurship			
	9A03706	2. Computational Fluid Dynamics			
	9A03707	3. Mechatronics			
6.		ELECTIVE – II	4		4
	9A03708	1. Modern Manufacturing Methods			
	9A03709	2. Tool Design			
	9A03710	3. Power Plant Engineering			
7.	9A03711	Instrumentation and Control Systems Lab		3	2
8.	9A03712	CAD/CAM Lab		3	2
		TOTAL	24	6	28

S.V. Padmaja Rani
PRINCIPAL
SREE VENKATESWARA COLLEGE
OF ENGINEERING
KODAVAI UR. SPSP Nelluru Dist

IV B. Tech. – II Semester (ME)

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9A03801	Production & Operations Management	4		4
2.	9A03802	Energy Systems	4		4
3.		ELECTIVE III	4		4
	9A03803	1. Total Quality Management			
	9A03804	2. Mechanical Vibrations			
	9A03805	3. Gas Turbines and Jet Propulsion			
4.		ELECTIVE IV	4		4
	9A03806	1. Geometric Modeling			
	9A03807	2. Composite Materials			
	9A03808	3. Professional Ethics & Intellectual Property Rights			
5.	9A03809	Seminar			2
6.	9A03810	Project Work			10
		TOTAL	24		28

S.V. Padmaja Rani
PRINCIPAL
SREE VENKATESWARA COLLEGE
OF ENGINEERING
KODAVAI UR, SPSP Nellore Dist

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Detailed Syllabus

Tech. I Year (M.E.)

T	P	C
2	0	4

(9ABS101) ENGLISH

INTRODUCTION :

The sweeping changes in the world have elevated English to the status of a global language and transformed it into e-English. The syllabus has been drafted to improve the competence of students in communication in general and language skills in particular. The books prescribed serve as students' handbooks.

The teacher should focus on the skills of reading, writing, listening and speaking while using the prescribed text and exercises. The classes should be interactive. The students should be encouraged to participate in the classroom proceedings and also to write short paragraphs and essays. The main aim is to encourage two way communications in place of the one-sided lecture.

The text for non-detailed study is meant for extensive reading by the students. They may be encouraged to read some select topics on their own, which could lead into classroom discussion. In addition to the exercises from the texts done in the class, the teacher can bring variety by using authentic materials such as newspaper articles, advertisements etc.

OBJECTIVES:

- a. To improve the language proficiency of the students in English with an emphasis on LSRW skills.
- b. To equip the students to study academic subjects with greater facility through theoretical and practical components of the syllabus.
- c. To develop study skills as well as communication skills in formal and informal situations.

SYLLABUS :**Listening Skills:****Objectives**

To enable students to develop their listening skills so that they may appreciate its role in the LSRW skills approach to language and improve their pronunciation
 To equip students with necessary training in listening so that they can comprehend the speech of people of different backgrounds and dialects.

Students should be given practice in listening and identifying the sounds of English language and to mark stress, right intonation in connected speech.



ENGINEERING INTEGRATED TRAINING INSTITUTE

Regd. office at No. 23/896, 1st Floor, Wahabpet, Nellore-524003

Date: 07/03/2016

CERTIFICATE

This is to certify that the project entitled

” DESIGN AND ANALYSIS OF CAR DISC BRAKES”

Carried out by

M. LALITH KUMAR REDDY
C.V. SATHISH KUMAR
O. LOKESH NAIDU
T.VIVEK

12JN1A0328
12JN1A0308
12JN1A0333
12JN1A0346

Pursuing B.Tech IV year MECHANICAL from SREE VENKATESWARA
ENGINEERING COLLEGE, Nellore towards the fulfillment of their Bachelor Degree
during the period 08/02/2016 to 07/03/2016

During the above said period, their interest towards the Project Work was highly
appreciable.



Regards
For Engineering Integrated Training Institute

k. Manidhar
Managing Partner

DEPARTMENT OF MECHANICAL ENGINEERING

SREE VENKATESWARA COLLEGE OF ENGINEERING: NELLORE

(Affiliated to JNT University, Anantapur, Anantapuramu)

CERTIFICATE

This is to certify that this Project Report entitled "**DESIGN AND ANALYSIS OF TUBULAR SOLAR WATER HEATING SYSTEM**" being submitted by

B.BHANU PRAKASH	12JN1A0304
P.MANOJ KUMAR	12JN1A0335
SK.KARIMULLA	12JN1A0344
SK.IRFAN SHARIEF	12JN1A0343
Y.SIVA KUMAR	12JN1A0353


In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University , Anantapur, a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other University or Institute for the award of any degree.

Signature of Project Supervisor


V.GOPALA KRISHNA
Project Guide

Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.

Signature of Head of the Department


Prof. J.V.S. BHASKAR, M. Tech, (Ph.D.)
Head of the Department

Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.


Signature of External Examiner

DEPARTMENT OF MECHANICAL ENGINEERING
SREE VENKATESWARA COLLEGE OF ENGINEERING: NELLORE
(Affiliated to JNT University, Anantapur, Anantapuramu)

CERTIFICATE

This is to certify that this Project Report entitled "**PNEUMATIC AUTO FEED SHEET CUTTING MACHINE**" being submitted by

CH.JASWANTH SAI	12JN1A0309
G.JITHENDRA	12JN1A0313
V.V.S.PRADEEP	12JN1A0352
K.SAI TEJA	12JN1A0318
M.DINESH	12JN1A0327

In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University, Ananthapur, a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other University or Institute for the award of any degree.

Signature of Project Supervisor



Prof. P.VENKATESWARLU.M.Tech,(Ph.D),
PROJECT GUIDE
Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.

Signature of Head of the Department



Prof. J.V.S.BHASKAR, M.Tech,(Ph.D)
HEAD OF DEPARTMENT
Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.

Signature of External Examiner



DEPARTMENT OF MECHANICAL ENGINEERING
SREE VENKATESWARA COLLEGE OF ENGINEERING: NELLORE
(Affiliated to JNT University, Ananthapur, Ananthapuram)

CERTIFICATE

This is to certify that this Project Report entitled "**DESIGN AND ANALYSIS OF SHOCK ABSORBER FOR A GLAMOUR BIKE-125CC**" being submitted by

I.NAGA SAI KUMAR	12JN1A0315
U.SURENDRA	12JN1A0349
K.VIJAY KRISHNA SAI	12JN1A0320
P.KALYAN	13JN5A0304
K.VENKATA SAI TEJA	12JN1A0317

In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University, Ananthapur, a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other University or Institute for the award of any degree.



Signature of Project Supervisor

Signature of Head of the Department



R.SANJAY KUMAR M.Tech.

Project Guide

Prof. J.V.S. BHASKAR, M. Tech, (Ph.D.)

Head of the Department

Department of Mechanical Engineering,
Sree Venkateswara college of Engineering Nellore.



Signature of External Examiner

DEPARTMENT OF MECHANICAL ENGINEERING
SREE VENKATESWARA COLLEGE OF ENGINEERING: NELLORE
(Affiliated to JNT University Anantapur, Anantapuram)

CERTIFICATE

This is to certify that this Project Report entitled "**PERFORMANCE ANALYSIS OF CONDENSER IN THERMAL POWER PLANT**" being submitted by

K. GOPI	12JN1A0321
M. ABHINANDAN SRIKANTH	12JN1A0325
D.MANOJ KUMAR	12JN1A0311
N. AKHIL	12JN1A0331
T. VISHNU VARDAN REDDY	12JN1A0348

in partial fulfillment of the requirement for the award of the degree in **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University Anantapur, a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other University or Institute for the award of any degree.

Signature of Project Supervisor



Prof. J.V.S. BHASKAR, M.Tech, (ph.D.)

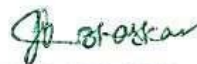
Project Guide

Department of Mechanical Engineering,

SreeVenkateswara college of Engineering

Nellore.

Signature of Head of the Department



Prof. J.V.S. BHASKAR, M.Tech, (Ph.D.)

Head of the Department

Department of Mechanical Engineering,

SreeVenkateswara college of Engineering

Nellore.


Signature of External Examiner

Department of mechanical engineering

SREE VENKATESWARA COLLEGE OF ENGINEERING : NELLORE

(Affiliated to JNTUA , Ananatapuramu)

CERTIFICATE

This is to be certify that the project report entitled "GUARS AERATOR" being submitted by **M.GNANI (12JN1A0329) , SYAMA(13JN5A0306), ASHRITH (12JN1A0330) , V.UDAY KUMAR(12JN1A0351), RAJESH(12JN1A0312)**, In partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University , Anantapur, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.



Signature of project supervisor

Asst.Prof.B.V.R.M.KUMAR ,M.Tech.,(Ph.D.)

PROJECT GUIDE

Department of Mechanical Engineering,

Sree Venkateswara College of Engineering

Nellore.

Signature of head of the department



Prof.J.V.S.BHASKAR,M.Tech,(Ph.D)

HEAD OF THE DEPARTMENT

Department of mechanical engineering,

Sree Venkateswara College of Engineering

Nellore.



Signature Of External Examiner

DEPARTMENT OF MECHANICAL ENGINEERING
SREE VENKATESWARA COLLEGE OF ENGINEERING: NELLORE
(Affiliated to JNT University, Anantapur, Anantapuramu)

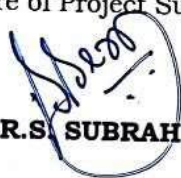
CERTIFICATE

This is to certify that this Project Report entitled "**DESIGN AND ANALYSIS OF EXPLOSION PROOF COMPOSITE PROPANE CYLINDER**" being submitted by

SADU HIMADHAR	12JN1A0338
A MANOJ	13JN5A0301
SK MOKTHYAR	12JN1A0341
P BRAHMA REDDY	12JN1A0337
A VAMSI SAI	12JN1A0302

In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University , Anantapur, a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other University or Institute for the award of any degree

Signature of Project Supervisor



Prof. M.R.S. SUBRAHMANYAM, M.E.,

Project Guide

Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.

Signature of Head of the Department



Prof. J.V.S. BHASKAR, M. Tech, (Ph.D.)

Head of the Department

Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.


Signature of External Examiner

DEPARTMENT OF MECHANICAL ENGINEERING

SREE VENKATESWARA COLLEGE OF ENGINEERING: NELLORE

(Affiliated to JNT University, Anantapur, Anantapuramu)

CERTIFICATE

This is to certify that this Project Report entitled **"INLINE ROBOT FOR LOADING AND UNLOADING"** being submitted by

SK. FIROZ	12JN1A0340
CH. SUDEEP	12JN1A0307
L. SANATH	12JN1A0324
G.V. AKHIL	12JN1A0314
CH. SIVA KUMAR	12JN1A0306

In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University, Ananthapur, a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other University or Institute for the award of any degree.



Signature of Project Supervisor



Signature of Head of the Department

Prof. SD.SHAHINA.M.Tech
PROJECT GUIDE
Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.

Prof. J.V.S.BHASKAR.M.Tech, (Ph.D)
HEAD OF DEPARTMENT
Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.



Signature of External Examiner

DEPARTMENT OF MECHANICAL ENGINEERING

SREE VENKATESWARA COLLEGE OF ENGINEERING: NELLORE

(Affiliated to JNT University Anantapur, Anantapuram)

CERTIFICATE

This is to certify that this Project Report entitled "**AUTOMATIC PNEUMATIC PUNCHING MACHINE**" being submitted by

K.S.SARADHI	13JN5A0302
S.RAJASEKHAR	12JN1A0345
CH.KESAVA AKHILESH	12JN1A0305
P.BABJEE	12JN1A0336
SK.VAHID	12JN1A0342

in partial fulfillment of the requirement for the award of the degree in **BACHELOR OF TECHNOLOGY in MECHANICAL ENGINEERING** to Jawaharlal Nehru Technological University Anantapur, a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other University or Institute for the award of any degree.

Signature of Project Supervisor



Assoc.Prof. S.S.RAVI SANKAR, M.E.

Project Guide

Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.

Signature of Head of the Department



Prof. J.V.S. BHASKAR, M.Tech, (Ph.D.)

Head of the Department

Department of Mechanical Engineering,
Sree Venkateswara college of Engineering
Nellore.



Signature of External Examiner

SREE VENKATESWARA COLLEGE OF ENGINEERING

(Affiliated to J.N.T. U, Anantapur)

Golden Nagar, North Rajupalem, NH-5 Bypass Road, SPSR Nellore (Dt.), A.P-524 316.

www.sves.in

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the Project Report entitled **“WOOD & METAL CUTTING SOLAR POWERED HACKSAW FABRICATION”** is submitted by

M.VIJAY KUMAR	(13JN5A0305)
U.NAVEEN	(12JN1A0350)
K.SAIKIRAN REDDY	(12JN1A0316)
M.LOKESH	(13JN5A0303)
K.PRASANTH	(12JN1A0322)

in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **MECHANICAL ENGINEERING** to the **SREE VENKATESWARA COLLEGE OF ENGINEERING** (Affiliated to Jawaharlal Nehru Technological University Anantapur) is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project have not been submitted to any other university or institute for the award of any degree.


Signature of project supervisor


Asst.Prof. J.NAGARJUN, M.Tech

PROJECT GUIDE

Dept. of Mechanical Engineering

Sree Venkateswara College of Engineering

Nellore.


Signature of Head of the department

prof. J.V.S.BHASKAR, M.Tech,(Ph.D)

HEAD OF THE DEPARTMENT

Dept. of Mechanical Engineering,

Sree Venkateswara College of Engineering

Nellore.


Signature of External Examiner

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Course structure for B.Tech. (Regular) I year (2009-10)
for affiliated Engineering Colleges.

ELECTRONICS AND COMMUNICATION ENGINEERING (E.C.E)
(Common for Branches: E.C.E., E.E.E., E.I.E., C.S.E., I.T., C.S.S.E., E.Cont.E., E.C.M.)

Sl. No	Course code	Subject	Th	Tu/Drg/Lab	Credits
1.	9ABS101	English	2		4
2.	9ABS102	Engineering Physics	2		4
3.	9ABS103	Engineering Chemistry	2		4
4.	9ABS104	Mathematics - I	3	1 - -	6
5.	9A05101	Programming in C and Data Structures	3	1 - -	6
6.	9A03101	Engineering Drawing *		- 6 -	6
7.	9ABS105	Mathematical Methods	3	1 - -	6
8.	9A05102	C Programming & Data Structures Lab		- - 3	4
9.	9A03102	Engineering & I.T. Workshop #		- - 3	4
10.	9ABS106	Engineering Physics and Engineering Chemistry Lab **		- - 3	4
11.	9ABS107	English Language & Communication Skills Lab		- - 3	4
		Contact periods/week	15	3 6 12	
		Total/week		36	
Total Credits (7 Theory + 4 Labs)					52

Th = Theory; Tu = Tutorial; Drg = Drawing & Lab = Laboratory;

* Engineering Drawing will have University External Exam.

** The Students attend the Physics lab and Chemistry lab in alternate weeks. The end exam shall be conducted separately and average of the two exams will be recorded by the University exam section.

Students attend Engineering and IT work shop as a single lab every week and the end exam is conducted as a single lab. Sharing the Maximum marks and time for one task each from Engineering workshop and IT workshop. The sum of the marks awarded will be recorded.

ELECTRONICS AND COMMUNICATION ENGINEERING (E.C.E)

B.Tech II - I Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9ABS302	Mathematics - III	4		4
2.	9ABS303	Environmental Science	4		4
4.	9A02305	Electrical Circuits	4		4
5.	9A04303	Probability Theory & Stochastic Processes	4		4
3.	9A04301	Electronic Devices and Circuits	4		4
6.	9A04304	Signals and Systems	4		4
7.	9A04302	Electronic Devices & Circuits Lab		3	2
8.	9A04305	Basic Simulation Lab (using MATLAB)		3	2
		contact periods/week	24	6	
			Total/Week 30		
Total Credits (6 Theory + 2 Labs)					28

S.V. Padmaja Rani
PRINCIPAL
SREE VENKATESWARA COLLEGE
OF ENGINEERING
KODAVAI UR. SPSP Nellore Dist

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

B.Tech II - II Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9AHS401	Managerial Economics & Financial Analysis	4		4
2.	9A02401	Principles of Electrical Engineering	4		4
3.	9A04402	Electronic Circuit Analysis	4		4
4.	9A04404	Pulse & Digital Circuits	4		4
5.	9A04401	Switching Theory & Logic Design	4		4
6.	9A04406	Electromagnetic Theory & Transmission Lines	4		4
7.	9A04403	Electronic Circuit Analysis Lab		3	2
8.	9A02402	Electrical Engineering Lab		3	2
		contact periods/week	24	6	
		Total/Week	30		
Total Credits (6 Theory + 2 Labs)					28

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

III B. Tech. - I Semester (E.C.E)

S. No.	Group	Subject	L	T	P	CP
01.	9A02503	Control Systems	3	1	0	4
02.	9A04501	Analog Communications	3	1	0	4
03.	9A04502	Linear IC Applications	3	1	0	4
04.	9A04503	Antennas & Wave Propagation	3	1	0	4
05.	9A05406	Computer Organization	4	0	0	4
06.	9A04504	Digital IC Applications	3	1	0	4
07.	9A04505	Linear & Digital IC Applications Lab	0	0	3	2
08.	9A04506	Pulse & Digital Circuits Lab	0	0	3	2
		contact periods / week	19	05	06	
		Total/Week	30			
Total Credits (6 Theory + 2 Labs)						28

S.V. Padmaja Rani
PRINCIPAL
 SREE VENKATESWARA COLLEGE
 OF ENGINEERING
 KODAVAI UR. SPSP Nellore Dist

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

III B. Tech. – II Semester (E.C.E)

S. No.	Group	Subject	L	T	P	CP
01.	9A04601	Digital Communications	3	1	0	4
02.	9A04602	Microprocessors & Microcontrollers	4	0	0	4
03.	9A04603	Digital Signal Processing	3	1	0	4
04.	9A04604	Electronic Measurements and Instrumentation	4	0	0	4
05.	9A04605	VLSI Design	4	0	0	4
06.	9A04606	Microwave Engineering	3	1	0	4
07.	9A04607	Analog & Digital Communications lab	0	0	3	2
08.	9AHS601	Advanced English Language Communication skills lab	0	0	3	2
		contact periods / week	21	03	06	
		Total/Week	30			
Total Credits (6 Theory + 2 Labs)						28

2009-10

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

IV B. Tech. – I Semester (E.C.E)

S. No.	Group	Subject	L	T	P	CP
01.	9AHS701	Management Science	4	0	0	4
02.	9A04701	Embedded Real Time Operating Systems	3	1	0	4
03.	9A05506	Computer Networks	4	0	0	4
04.	9A04702	Optical Communications	3	1	0	4
		Elective – I				
05.	9A04703	1. RADAR Systems	3	1	0	4
	9A04704	2. DSP Processors & Architectures				
	9A05505	3. Operating Systems				
		Elective – II				
06.	9A10802	1. Bio-Medical Instrumentation	4	0	0	4
	9A04705	2. T.V. Engineering				
	9A04706	3. Digital Design through Verilog HDL				
07.	9A04707	Microwave & Optical Communications Lab	0	0	3	2
08.	9A04708	Microprocessors & DSP lab	0	0	3	2
		contact periods / week	21	03	06	
		Total/Week	30			
Total Credits (6 Theory + 2 Labs)						28

S.V. Padmaja Rani
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 KODAVAI UR, SPSP Nellore Dist.

IV B.Tech. – II Semester (E.C.E)

S. No.	Group	Subject	L	T	P	Cr
01.	9A04801	Cellular & Mobile Communications	3	1	0	4
02.	9A04802	Digital Image Processing	3	1	0	4
03.	9A04803 9A04804 9A05709	Elective – III	3	1	0	4
		1. Satellite Communications				
		2. Spread Spectrum Communications				
04.	9A04805 9A04806 9A04807	Elective – IV	3	1	0	4
		1. Adaptive Filter Theory				
		2. Wireless Communications & Networks				
05.	9A04808	Seminar	0	0	0	2
06.	9A04809	Project	--	--	--	10
		contact periods / week	12	04	0	
		Total/Week 16				
Total Credits (4Theory + Seminar + Project Work)						28

S.V. Padmakumar
PRINCIPAL
 SREE VENKATESWARA COLLEGE
 OF ENGINEERING
 KODAVAI UR. SPSP Nellore Dist

Detailed Syllabus

B.Tech. I Year (E.C.E.)

T	P	C
2	0	4

(9ABS101) ENGLISH

1. INTRODUCTION :

The sweeping changes in the world have elevated English to the status of a tool of global communication and transformed it into e-English. The syllabus has been drafted to improve the competence of students in communication in general and language skills in particular. The books prescribed serve as students' handbooks.

The teacher should focus on the skills of reading, writing, listening and speaking while using the prescribed text and exercises. The classes should be interactive. The students should be encouraged to participate in the classroom proceedings and also to write short paragraphs and essays. The main aim is to encourage two way communications in place of the one-sided lecture.

The text for non-detailed study is meant for extensive reading by the students. They may be encouraged to read some select topics on their own, which could lead into a classroom discussion. In addition to the exercises from the texts done in the class, the teacher can bring variety by using authentic materials such as newspaper articles, advertisements etc.

2. OBJECTIVES:

- To improve the language proficiency of the students in English with an emphasis on LSRW skills.
- To equip the students to study academic subjects with greater facility through theoretical and practical components of the syllabus.
- To develop study skills as well as communication skills in formal and informal situations.

3. SYLLABUS :

Listening Skills:
Objectives

- To enable students to develop their listening skills so that they may appreciate its role in the LSRW skills approach to language and improve their pronunciation.
- To equip students with necessary training in listening so that they can comprehend the speech of people of different backgrounds and dialects.



CERTIFICATE

This is to certify that

P.SARANYA	12JN1A0441
A.CHANDANA PRIYA	12JN1A0401
A.SUDEEPA	12JN1A0402
R.SUSMITHA	12JN1A0446
B LAKSHMI PRIYANKA	12JN1A0403

Pursuing IV B.Tech Electronics & Communication Engineering from Sree Venkateswara College of Engineering, Kodavalur has carried out Project work on **"Noise Removal in Digital Image using Spatial Filter"** at LETSLEARN.GURU, Nellore, from 05-02-2016 to 15-03-2016.

During the above period, their conduct was found to be very good.

Dt. 15-03-2016
Nellore.

S.K.H
DIRECTOR



2nd Floor, PMR Trade Complex, Opp. Kandukuri Shopping Mall, Near RTC, Nellore-3

+91-9492277998, 9966485234 www.letslearn.guru



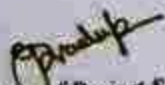
Department of Electronics and Communication Engineering


**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU, Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled " FPGA IMPLEMENTATION OF TRIGONOMETRIC FUNCTIONS USING CORDIC ALGORITHM " being submitted by **MD.NASREEN SULTHANA (12JNIA0437), M.BHARGAVI (12JNIA0434), J.SUPRAJA (12JNIA0419), B.SREE VIDYA (12JNIA0404), D.VISHNU PRIYA (12JNIA0412)**, in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project Supervisor
G.PRADEEP, M.Tech,
Assistant Professor,
Department of E.C.E.,
Sree Venkateswara College of Engineering,
Nellore.


Signature of the Head of Department
PROF S.V.PADMAJA RANI, M.Tech,(Ph.D)
HEAD OF THE DEPARTMENT,
Department of E.C.E.,
Sree Venkateswara College of Engineering,
Nellore.


Signature of External Examiner

Department of Electronics and Communication Engineering

**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU,Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled "ANDROID MOBILE PHONE CONTROLLED SCROLLING LED MESSAGE DISPLAY" being submitted by **S.Pranavi (12JN1A0452)**, **P.Chandana (12JN1A0443)**, **SK.Sharmila (12JN1A0451)**, **G.Meghana (12JN1A0416)**, **D.Anupama (13JN5A0401)**, in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor

P. MAHESH

M.Tech.,

Assistant Professor

Department of E.C.E

SreeVenkateswara College of Engineering,

Nellore.


Signature of the Head of Department

PROF.S.V.PADMAJA RANI

M.Tech., (Ph.D)

HEAD OF THE DEPARTMENT

Department of E.C.E

SreeVenkateswara College of Engineering

Nellore.


Signature of External examiner

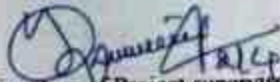
Department of Electronics and Communication Engineering

**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU, Ananthapuramu).

CERTIFICATE

This is to certify that the project report entitled "**AUTOMATED ENHANCEMENT OF IMAGE USING POWER LAW TRANSFORMATION**" being submitted by **D.Sravani (12JN1A0409), S.SriMahathi (12JN1A0453), Sk.Karishma (12JN1A0450), B.Sindhu (12JN1A0405), E.Kavyasri (12JN1A0413)** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Ananthapuramu, is a record of bonafied work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.



Signature of Project supervisor

P.RAVI KUMAR

M.Tech.,

PROJECT GUIDE

Department of E.C.E

Sree Venkateswara College of

Engineering, Nellore.



Signature of the Head of Department

S.V.PADMAJARANI

M.Tech., (Ph.D)

HEAD OF THE DEPARTMENT

Department of E.C.E

Sree Venkateswara College of

Engineering, Nellore.



Signature of External Examiner

Department of Electronics and Communication Engineering

**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU, Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled "DESIGN AND IMPLEMENTATION OF TWO VARIABLE MULTIPLIER USING MEDIC MATHEMATICS AND ROM BASED APPROCH" being submitted by **P.Sai Geetha(12JN1A0444), M.Pratyusha(12JN1A0436), K.Anusha (12JN1A0429), I.Manisha (12JN1A0417), N.Kiranmai (12JN1A0438)**, in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor

ASST.PROF .P.RAJESH

M.Tech,

PROJECT GUIDE

Department of E.C.E

Sree Venkateswara College of
Engineering, Nellore.


Signature of the Head of Department

PROF.S.V.PADMAJA RANI

M.Tech, (Ph.D)

HEAD OF THE DEPARTMENT

Department of E.C.E

Sree Venkateswara College of
Engineering, Nellore.


Signature of External examiner


Department of Electronics and Communication Engineering


**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU, Ananthapuramu)

CERTIFICATE

This is to certify that the project report entitled "SPEECH ENHANCEMENT USING ADAPTIVE KALMAN FILTER" being submitted by **K.Sai Nikhitha (12JN1A0430), M. Sowmya Sree (12JN1A0431), K.Rishintha (12JN1A0422), V.Lakshmi Pavani (12JN1A0458)** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Ananthapuramu, is a record of bonafied work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor
ASST.PROF. V.SUDHEER
M.Tech.,
PROJECT GUIDE
Department of ECE
Sree Venkateswara College of
Engineering, Nellore.


Signature of the Head of Department
PROF.S.V.PADMAJA RANI
M.Tech.,(Ph.D)
HEAD OF THE DEPARTMENT
Department of ECE
Sree Venkateswara College of
Engineering, Nellore.


Signature of External Examiner

Department of Electronics and Communication Engineering
SREE VENKATESWARA COLLEGE OF ENGINEERING::NELLORE.


(Affiliated to JNTUA, Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled "**DETECTION OF TUMOUR IN HUMAN BRAIN BY FEATURE EXTRACTION USING GLCM**" being submitted by **U.Anitha(12JN1A0457), V.Gowthami (12JN1A0460), K.Sai priyanka (12JN1A0428), K.Sukanya veena (12JN1A0420), T.Alekhyia (12JN1A0417)**, impartial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor

V.I.L.K.KISHORE, M.Tech
PROJECT GUIDE
Department of E.C.E
Sree Venkateswara College of
Engineering, Nellore


Signature of the Head of Department
PROF.S.V.PADMAJA RANI, M.Tech (Ph.D)
HEAD OF THE DEPARTMENT
Department of E.C.E
Sree Venkateswara College of
Engineering, Nellore


Signature of External examiner

Department of Electronics and Communication Engineering

**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU, Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled "IMPLEMENTATION OF BCD/BINARY ADDER/SUBTRACTOR USING FISCHERS ARCHITECTURE" being submitted by **D.Saranya (12JN1A0408), P.Karunyasai (12JN1A0442), K.Sindhu (12JN1A0424), D.Sudheepthi (12JN1A0410), V.Hema Madhuri (12JN1A0459)**, in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor

L.BHARGAVA KUMAR

M.Tech.,

Assistant Professor

Department of E.C.E

SreeVenkateswara College of Engineering,

Nellore.


Signature of the Head of Department

PROF.S.V.PADMAJA RANI

M.Tech., (Ph.D)

HEAD OF THE DEPARTMENT

Department of E.C.E

SreeVenkateswara College of Engineering

Nellore.


Signature of External examiner

Department of Electronics and Communication Engineering

SREE VENKATESWARA COLLEGE OF ENGINEERING NELLORE

(Affiliated to JNTU, Ananthapuram)

CERTIFICATE

This is to certify that the project report entitled "DESIGN OF 32-BIT ALU USING VHDL" being submitted by G.Rajkumar (12JN1A0415), P.Manikanta (12JN1A0439), R.Venkatesh (12JN1A0447), M.ChenchuChandra (12JN1A0432), K.Sudheer Reddy (12JN1A0423) in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University, Ananthapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project Supervisor

ASST.PROF.P.JOSHNA

M.Tech,

PROJECT GUIDE

Department of E.C.E

Sree Venkatewara College of

Engineering, Nellore.


Signature of the Head of Department

PROF.S.V.PADMAJA RANI

M.Tech,(Ph.D)

HEAD OF THE DEPARTMENT

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Signature of External Examiner

Department of Electronics and Communication Engineering

**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU, Ananthapuramu).

CERTIFICATE

This is to certify that the project report entitled "A NOVEL HIGH SPEED SYSTOLIC ARRAY ARCHITECTURE FOR MATRIX MULTIPLICATION" being submitted by **P. Hari Kumar (12JN1A0440), R. Vamsi (12JN1A0445), G.Vamsi Nithin Has (12JN1A0414), Ch. Gowtham Teja (12JN1A0407), K. Sai Juideep (13JN5A0402)** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Ananthapuramu, is a record of bonafied work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor
V.PRAVEEN KUMAR
M.Tech.,
Assistant Professor
Department of E.C.E
Sree Venkateswara College of
Engineering, Nellore


Signature of the Head of Department
S.V.PADMAJA RANI
M.Tech.,(Ph.D)
HEAD OF DEPARTMENT
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Engineering, Nellore.


Signature of Internal Examiner

Department of Electronics and Communication Engineering

**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**


(Affiliated to JNTU, Anantapuramu)

CERTIFICATE

This is to certify that the project report entitled "MESSAGE ENCRYPTION BY SHA-224/256 ALGORITHM USING HARDWARE DESCRIPTION LANGUAGE FOR SECURED APPLICATIONS" being submitted by **I.S.Srikanth (12JN1A0418), D.Sreekar Raj (12JN1A0411), K.Pradeep (12JN1A0427), T.Akhil (12JN1A0455), M.Mahit Kumar Reddy (12JN1A0433)**, in partial fulfilment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Anantapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor

ASST.PROF .G.KALYANI
M.Tech,
PROJECT GUIDE
Department of E.C.E
Sree Venkateswara College of
Engineering, Nellore.


Signature of the Head of Department
PROF.S.V.PADMAJA RANI
M.Tech, (Ph.D)
HEAD OF THE DEPARTMENT
Department of E.C.E
Sree Venkateswara College of
Engineering, Nellore.

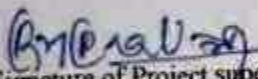

Signature of External examiner


Department of Electronics and Communication Engineering
**SREE VENKATESWARA COLLEGE OF
ENGINEERING::NELLORE**

(Affiliated to JNTU, Ananthapuramu).

CERTIFICATE

This is to certify that the project report entitled "A TWO LEVEL FH-CDMA SCHEME FOR WIRELESS COMMUNICATIONS OVER FADING CHANNELS" being submitted by **M. Ashok (12JN1A0435), K.H.B. Phaneendra (12JN1A0425), CH.V.Sai Rama Chaitanya (12JN1A0406), K.Sudeesh (12JN1A0426), K. Bharath Kumar (12JN1A0421)** in partial fulfillment for the award of the Degree of **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING** to the Jawaharlal Nehru Technological University Ananthapuramu, is a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.


Signature of Project supervisor
Asst.Prof J.RAJ PRAVEEN
PROJECT GUIDE
Department of E.C.E
Sree Venkateswara College of
Engineering,Nellore.


Signature of the Head of Department
Prof.S.V.PADMAJARANI,M.Tech,(PhD)
HEAD OF THE DEPARTMENT
Department of E.C.E
Sree Venkateswara College of
Engineering, Nellore.


Signature of External Examiner

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Course structure for B.Tech. (Regular) I year (2009-10) for affiliated Engineering Colleges.

COMPUTER SCIENCE AND ENGINEERING (C.S.E.)

(Common for Branches: E.C.E., E.E.E., E.I.E., C.S.E., I.T., C.S.S.E., E.Cont.E., E.C.M.)

Sl. No	Course code	Subject	Th	Tu/Drg/Lab	Credits
1.	9ABS101	English	2		4
2.	9ABS102	Engineering Physics	2		4
3.	9ABS103	Engineering Chemistry	2		4
4.	9ABS104	Mathematics - I	3	1 - -	6
5.	9A05101	Programming in C and Data Structures	3	1 - -	6
6.	9A03101	Engineering Drawing *		- 6 -	6
7.	9ABS105	Mathematical Methods	3	1 - -	6
8.	9A05102	C Programming & Data Structures Lab		- - 3	4
9.	9A03102	Engineering & I.T. Workshop #		- - 3	4
10.	9ABS106	Engineering Physics and Engineering Chemistry Lab **		- - 3	4
11.	9ABS107	English Language & Communication Skills Lab		- - 3	4
		contact periods/week	15	3 6 12	
		Total/week		36	
Total Credits (7 Theory + 4 Labs)					52

Th = Theory; Tu = Tutorial; Drg = Drawing & Lab = Laboratory:

* Engineering Drawing will have University External Exam.

** The Students attend the Physics lab and Chemistry lab in alternate weeks. The end exam shall be conducted separately and average of the two exams will be recorded by the University exam section.

Students attend Engineering and IT work shop as a single lab every week and the end exam is conducted as a single lab. Sharing the Maximum marks and time for one task each from Engineering workshop and IT workshop. The sum of the marks awarded will be recorded

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

COMPUTER SCIENCE AND ENGINEERING (C.S.E.)

B.Tech II - I Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9ABS304	Probability & Statistics	4		4
2.	9A02306	Basic Electrical Engineering	4		4
3.	9A05301	Mathematical Foundations of Computer Science	4		4
4.	9A05302	Advanced Data Structures	4		4
5.	9A04306	Digital Logic Design	4		4
6.	9A04301	Electronic Devices and Circuits	4		4
7.	9A02307	Electrical and Electronics Lab		3	2
8.	9A05304	Data Structures Lab		3	2
		contact periods/week	24	6	
Total/Week 30					
Total Credits (6 Theory + 2 Labs)					28

S.V. Padmaja Rani
PRINCIPAL
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 KODAVAI UR. SPSP Nellore Dist

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

B.Tech II - II Semester

S. No	Course code	Subject	Theory	Lab.	Credits
1.	9ABS303	Environmental Science	4		4
2.	9A05406	Computer Organization	4		4
3.	9A05401	Database Management Systems	4		4
4.	9A05402	Object Oriented Programming	4		4
5.	9A05407	Formal Languages and Automata Theory	4		4
6.	9A05403	Design and Analysis of Algorithms	4		4
7.	9A05404	Object Oriented Programming Lab		3	2
8.	9A05405	Database Management Systems Lab		3	2
		contact periods/week	24	6	
		Total/Week 30			
Total Credits (6 Theory + 2 Labs)					28

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

III Year B.Tech. CSE I Sem

Sl.No	Course Code	Subject	L	T	P	Credits
1.	9A05501	Principles of Programming Languages	4	0	0	4
2.	9A05502	Software Engineering	4	0	0	4
3.	9A05503	Computer Graphics	4	0	0	4
4.	9A05504	Compiler Design	4	0	0	4
5.	9A05505	Operating Systems	4	0	0	4
6.	9A05506	Computer Networks	4	0	0	4
7.	9AHS601	Advanced English Communication Skills Lab	0	0	3	2
8.	9A05507	Computer Networks and Operating Systems Lab	0	0	3	2
		contact periods/week	24	00	06	
		Total/Week 30				
Total Credits (6 Theory + 2 Labs)						28

S.V. Padmasri Rami
PRINCIPAL
SREE VENKATESWARA COLLEGE
OF ENGINEERING
KODAVAI UR, SPSP Nellore Dist

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR


III Year B.Tech. CSE II Sem

Sl.No	Course Code	Subject	L	T	P	Credits
1.	9A05601	Object Oriented Analysis and Design	4	0	0	4
2.	9A05602	Unix Internals	4	0	0	4
3.	9A05603	Optimizing Techniques	4	0	0	4
4.	9A04602	Microprocessors and Micro Controllers	4	0	0	4
5.	9A05604	Distributed Systems	4	0	0	4
6.	9A05605	Artificial Intelligence	4	0	0	4
7.	9A19501	Microprocessors and Interfacing Lab	0	0	3	2
8.	9A05606	UNIX Internals Lab	0	0	3	2
		contact periods/week	24	00	06	
		Total/Week 30				
Total Credits (6 Theory + 2 Labs)						28

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IV Year B.Tech. CSE I Sem


Sl.No	Course Code	Subject	L	T	P	Credits
1.	9A05701	Web technologies	4	0	0	4
2.	9A05702	Software testing	4	0	0	4
3.	9AHS401	Managerial Economics and Financial Analysis	4	0	0	4
4.		ELECTIVE - I	4	0	0	4
	9A05703	1. Grid and cluster computing				
	9A05704	2. Advanced computer architecture				
	9A05705	3. Software architecture				
5.	9A05706	Data warehousing and data mining	4	0	0	4
6.		ELECTIVE - II	4	0	0	4
	9A05707	1. Software project management				
	9A05708	2. Network management systems				
	9A05709	3. Information security				
7.	9A05710	Web technologies and data mining lab	0	0	3	2
8.	9A05711	Software testing and CASE tools lab	0	0	3	2
		contact periods/week	24	00	06	
		Total/Week 30				
Total Credits (6 Theory + 2 Labs)						28


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IV Year B.Tech. CSE II Sem

Sl. No	Course Code	Subject	L	T	P	Credits
1.	9AHS701	Management Science	4	0	0	4
2.	9A05801	Design Patterns	4	0	0	4
3.		ELECTIVE - III	4	0	0	4
	9A05802	1. Service Oriented Architecture				
	9A05803	2. Web Services				
	9A05804	3. Semantic Web				
4.		ELECTIVE - IV	4	0	0	4
	9A05805	1. Storage area Networks				
	9A05806	2. Internetworking with TCP/IP				
	9A05807	3. Wireless Sensor Networks				
5.	9A05808	Seminar	-	-	-	2
6.	9A05809	Project Work	-	-	-	10
		contact periods/week	16	00	00	
			Total/Week 16			
Total Credits (4Theory + Seminar + Project Work)						28


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Detailed Syllabus

B.Tech. I Year (C.S.E.)

T P C
2 0 4

(9ABS101) ENGLISH**1. INTRODUCTION :**

The sweeping changes in the world have elevated English to the status of a tool of global communication and transformed it into e-English. The syllabus has been drafted to improve the competence of students in communication in general and language skills in particular. The books prescribed serve as students' handbooks.

The teacher should focus on the skills of reading, writing, listening and speaking while using the prescribed text and exercises. The classes should be interactive. The students should be encouraged to participate in the classroom proceedings and also to write short paragraphs and essays. The main aim is to encourage two way communications in place of the one-sided lecture.

The text for non-detailed study is meant for extensive reading by the students. They may be encouraged to read some select topics on their own, which could lead into a classroom discussion. In addition to the exercises from the texts done in the class, the teacher can bring variety by using authentic materials such as newspaper articles, advertisements etc.

2. OBJECTIVES:

- a. To improve the language proficiency of the students in English with an emphasis on LSRW skills.
- b. To equip the students to study academic subjects with greater facility through theoretical and practical components of the syllabus.
- c. To develop study skills as well as communication skills in formal and informal situations.

3. SYLLABUS :**Listening Skills:****Objectives**

1. To enable students to develop their listening skills so that they may appreciate its role in the LSRW skills approach to language and improve their pronunciation
2. To equip students with necessary training in listening so that they can comprehend the speech of people of different backgrounds and dialects.



CERTIFICATE

This is to certify that

N.HARSHITHA

12JN1A0537

K.KEERTHI PRIYA

12JN1A0530

B.PRAVALIKA

12JN1A0511

B.KAVYA SREE

12JN1A0510

Pursuing IV B.Tech Computer Science & Engineering from Sree Venkateswara College of Engineering, Kodavalur has carried out Project work on "**ONLINE RECRUITMENT SYSTEM**" at LETSLEARN.GURU, Nellore, from 05-02-2016 to 15-03-2016.

During the above period, their conduct was found to be very good.

Dt. 15-03-2016
Nellore.

S. KA
DIRECTOR



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