

Date: 09-01-2020

From
Mrs. A. Vanathi
Head of the Department,
Department of CSE,
Aditya Engineering College

To
The Principal,
Aditya Engineering College
Surampalem

Sir,

Sub: Request for approval of conducting Value Added Course - reg.

To update the technical skills of the students to meet the industry requirements, CSE Department would like to conduct a value added course "Coding Theory and its Applications" for the B.Tech - IV semester students from 27-01-2020 to 31-01-2020.

Hence, I request you to grant approval to conduct the above course as per the schedule mentioned.

Thanking you,

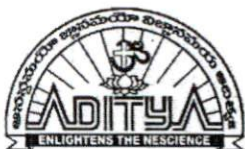
Yours sincerely,



Head of the Department
Head of the Department,
Department of CSE

ADITYA ENGINEERING COLLEGE (AS)

Permitted
Sir ✓



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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 20-01-2020

CIRCULAR

All the students of B.Tech CSE are hereby informed that the department is offering value added course on **"CODING THEORY AND ITS APPLICATIONS"** through classroom mode which is scheduled from 27-01-2020 to 31-01-2020. The interested students can give their names to the faculty coordinator **Mr. M Kalyan Ram** on or before 25-01-2020. Certificates will be provided to all the students after successful completion of the course.


Head of the Department


Head of the Department
Department of CSE
ADITYA ENGINEERING COLLEGE (AO)

COURSE CONTENT

The following topics will be covered

Topic	Hours
Introduction to coding theory	7
Deals with the problem of detecting and correcting transmission errors caused by noise on the channel.	7
An introduction to algebraic coding theory for linear block codes, cyclic codes and convolution codes, as well as to the underlying mathematics.	7
Reed-Muller codes; BCH codes and Reed-Solomon codes; Berlekamp-Massey algorithm and Viterbi algorithm for decoding.	7
Bounds for coding parameters; properties, coding and decoding of Hamming codes;	7
Total hours	35

COURSE OUTCOMES

At the end of the course student will be able to

- Understand the properties of algorithms for coding and decoding of linear block codes, cyclic codes and convolution codes.
- Show skills on arithmetic in finite fields and linear algebra over finite fields.
- Apply various algorithms and techniques for coding and decoding.

RESOURCE PERSON

Mr. K Govindaraju

Associate Professor

Department of Computer Science & Engineering, AEC

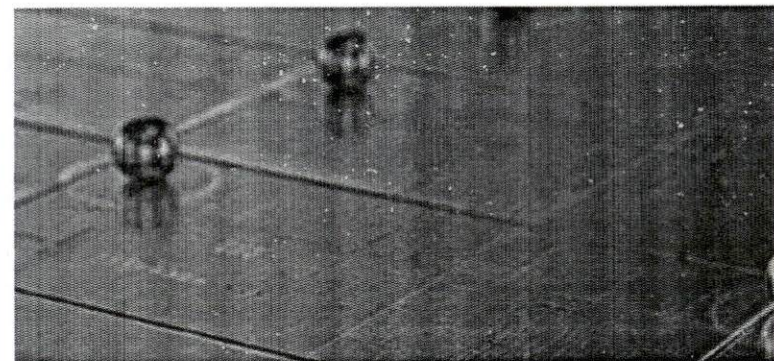
Email: govindaraju.kaladi@aec.edu.in

Value Added Course

on

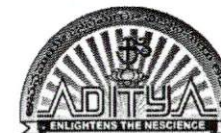
CODING THEORY AND ITS APPLICATIONS

27th Jan to 31st Jan 2020



Organized by

Department of Computer Science & Engineering



ADITYA ENGINEERING COLLEGE(A)

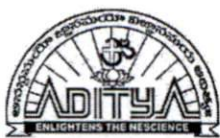
CO-ORDINATOR

Mr. M Kalyan Ram

Associate Professor

Email: kalyanram.mylavarapu@aec.edu.in

[Signature]
Head of the Department
Department of CSE
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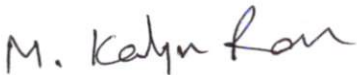
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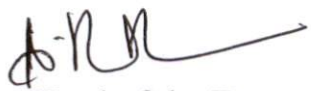
Department of Computer Science & Engineering

Report title: **CODING THEORY AND ITS APPLICATIONS**

Event name	CODING THEORY AND ITS APPLICATIONS																
Introduction to Event	This is a graduate-level introduction to Coding Theory with an emphasis on essential constructions and algorithms. We will cover several foundational methods that are widely used in modern research in coding theory and adjacent areas of CS and discrete mathematics. The first part covers basic concepts of coding theory including linear codes and bounds on codes. We continue with algebraic constructions such as Reed-Solomon codes and their extensions, and their list decoding algorithms. The second part is devoted to topics being developed in current research, including polar codes (as an explicit way to achieve the Shannon capacity), codes on graphs, codes for the cloud (locally recoverable codes, regenerating codes), codes for storage and index coding, other applications (inference and security). The course will take students to the forefront of research in some of the mentioned topics, enabling them to follow current research literature in coding theory and applications.																
Event date	27th Jan to 31st Jan 2020																
Number of days	5																
Coordinator(s)	Mr. M Kalyan Ram																
Agenda/Event Flow	<table><tr><th>Topic</th><th>Hours</th></tr><tr><td>Introduction to coding theory</td><td>7</td></tr><tr><td>Deals with the problem of detecting and correcting transmission errors caused by noise on the channel.</td><td>7</td></tr><tr><td>An introduction to algebraic coding theory for linear block codes, cyclic codes and convolution codes, as well as to the underlying mathematics.</td><td>7</td></tr><tr><td>Reed-Muller codes; BCH codes and Reed-Solomon codes; Berlekamp-Massey algorithm and Viterbi algorithm for decoding.</td><td>7</td></tr><tr><td>Bounds for coding parameters; properties, coding and decoding of Hamming codes;</td><td>7</td></tr><tr><td>Total hours</td><td>35</td></tr></table>			Topic	Hours	Introduction to coding theory	7	Deals with the problem of detecting and correcting transmission errors caused by noise on the channel.	7	An introduction to algebraic coding theory for linear block codes, cyclic codes and convolution codes, as well as to the underlying mathematics.	7	Reed-Muller codes; BCH codes and Reed-Solomon codes; Berlekamp-Massey algorithm and Viterbi algorithm for decoding.	7	Bounds for coding parameters; properties, coding and decoding of Hamming codes;	7	Total hours	35
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Total hours	35																

No. of Students Participated and List	91, List Enclosed
Target participants	B.Tech - IV Semester
Participants Attendance Sheet(enclosure)	Enclosed
Resource person(s)	Mr. K Govindaraju Associate Professor Department of Computer Science & Engineering, AEC Contact No. 989798428 Email: <u>govindaraju.kaladi@aec.edu.in</u>
Profile of resource person(s) in brief	Enclosed
Location and venue	Computer Lab-3, BGB, Aditya Engineering College
Outcomes	At the end of the course student will be able to • Understand the properties of algorithms for coding and decoding of linear block codes, cyclic codes and convolution codes. • Show skills on arithmetic in finite fields and linear algebra over finite fields. • Apply various algorithms and techniques for coding and decoding.


 Course Coordinator


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Department: Computer Science and Engineering

Course: CODING THEORY AND ITS APPLICATIONS

Dates: 27-01-2020 to 31-01-2020

S.NO	Name	Roll No	Semester
1	MANDALAPU PRASHANTH SAI	18A91A0591	IV
2	MANUPUDI DHARANI	18A91A0592	IV
3	MATAM GOWTHAM	18A91A0593	IV
4	PASAGADUGULA SELVIRAJA	18A91A0594	IV
5	MUDRAGADA HARSHA PRIYA	18A91A0595	IV
6	MUMMIDI MEGHANA	18A91A0596	IV
7	MUTTA VAMSI KRISHNA	18A91A0597	IV
8	NULU SUNEEL	18A91A0598	IV
9	P S S SIVAPRIYA AVADHANULA	18A91A0599	IV
10	PADALA MAMATHA	18A91A05A0	IV
11	PALACHARLA VENKATA KRISHNA KUMAR	18A91A05A1	IV
12	PALUKURI SAI NIKHIL	18A91A05A2	IV
13	PASALAPUDI ANUSAMHITA	18A91A05A3	IV
14	PATTA SHREYA PRABHALITHA	18A91A05A4	IV
15	PEMMADI YAKSHITHA	18A91A05A5	IV
16	PILLEI VEERA BABU	18A91A05A6	IV
17	PISIPATI VISHNU VISWANADHA SARVAN GANESH	18A91A05A7	IV
18	PONNAGANTI DEVI SAI DEEPTHI	18A91A05A8	IV
19	PRATHIGNA GUDALA	18A91A05A9	IV
20	RAMA CHANDRA RAO CHIKKALA	18A91A05B0	IV
21	SABBA VENKATA HEMANTH	18A91A05B1	IV
22	SADIREDDY KIRAN KUMAR	18A91A05B2	IV
23	SHAIK REHANA SULTANA AYESHA	18A91A05B3	IV
24	SREERAMULA MANOJ MANVISH	18A91A05B4	IV
25	TETALI AMRUTHA	18A91A05B5	IV
26	TIRUPATIPATI DEVI SRICHARISHMA	18A91A05B6	IV
27	UTTARALA CHETAN RAMA KUMAR	18A91A05B8	IV
28	YANAMANDRA SATYA KARTHIK	18A91A05C0	IV
29	YARAKAM HAREESH	18A91A05C1	IV
30	ARREPU VENKATARAO	18A91A05C2	IV
31	BAHULIKA NAGURU	18A91A05C3	IV
32	BODDU SAI TEJA	18A91A05C5	IV
33	BORA VIDYA SAGAR	18A91A05C6	IV
34	BUGGE ROHIT KUMAR	18A91A05C7	IV
35	GADE HARIKA	18A91A05C9	IV
36	GIDUTURI JOSHI WILLIAMS PRAVEEN KUMAR	18A91A05D0	IV
37	GONGURA RITHVIKA VENKATA PAVANI	18A91A05D1	IV

[Signature]
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38	GORAKA PRANAY KUMAR REDDY	18A91A05D2	IV
39	GUDIMETLA SOWMYA SRI	18A91A05D3	IV
40	JALLEPALLI NAGA PAVANA VIKAS	18A91A05D4	IV
41	JAY PRAKASH YADAV	18A91A05D5	IV
42	JINNAM MADHAVI LATHA	18A91A05D6	IV
43	KANTIPALLI SUPRIYA	18A91A05D7	IV
44	KAPILESWARAPU DURGA SURESH	18A91A05D8	IV
45	KARRI LAKSHMI DEEPIKA REDDY	18A91A05D9	IV
46	KOLLI BHANU SREE MAANVI	18A91A05E0	IV
47	KOLLURI SRI HARSHITHA	18A91A05E1	IV
48	KONTALA DEEPTI	18A91A05E2	IV
49	KOVVURI VENKATA REDDY	18A91A05E3	IV
50	LOLLA MADHAVI RATNAM	18A91A05E4	IV
51	MADALA BHAVANA RANI PATNAIK	18A91A05E5	IV
52	MADANI SULTAN MOHIDDIN KHAN	18A91A05E6	IV
53	MALLADI LAKSHMI SAI NAMRATHA	18A91A05E7	IV
54	MALLIDI SUPRIYA	18A91A05E8	IV
55	MANCHEM JAYA PADMA DURGA SRAVANI	18A91A05E9	IV
56	MENETI MOUNIKA	18A91A05F0	IV
57	MIRIYALA BHAVANI SHANKAR	18A91A05F1	IV
58	MOHAMMED KHADAR BASHA	18A91A05F2	IV
59	MOTAMARRI AKHIL	18A91A05F3	IV
60	MOTUKURI SRI HARITHA	18A91A05F4	IV
61	MUDEDLA SRI RUCHITA	18A91A05F5	IV
62	MUTHYALA VIDHYA SHIRIN	18A91A05F7	IV
63	MUTTINENI DEEPTHI	18A91A05F8	IV
64	NADELI LOKESH CHANDU	18A91A05F9	IV
65	NALLAM SRI VENKATA KALYAN	18A91A05G0	IV
66	NAMALA NIRANJAN	18A91A05G1	IV
67	NEDUNURU LAKSHMI SAIPRASANNA	18A91A05G2	IV
68	NUNI PAVITHRA	18A91A05G3	IV
69	SHRADDHEYA PRADHAN	18A91A05G4	IV
70	PASUPULETI POSI LAKSHMI MOUNIKA	18A91A05G5	IV
71	RAGIDI AJAY KUMAR	18A91A05G6	IV
72	RAJA YOGI	18A91A05G7	IV
73	RUDRARAJU HARSHITA	18A91A05H0	IV
74	SATHI POORNA LAKSHMI DEVI SIRISHA	18A91A05H1	IV
75	SEEKOLU RAJANI SWATIKA	18A91A05H2	IV
76	SHAIK TAMEER	18A91A05H3	IV
77	SURYAVAMSI ROHAN	18A91A05H4	IV
78	TONAMGI MADHURI VEERA VENKATA ANUSHA	18A91A05H5	IV
79	VASABATHULA SRI NAGA VIKAS	18A91A05H6	IV
80	VATTURI SATYASAI VENKATAPAVANAGOWRISRISUMA	18A91A05H7	IV
81	VELAGALA VIJAYA DURGA	18A91A05H8	IV
82	YARAMATI UDAY KIRAN MOULI	18A91A05H9	IV
83	SANJAY KUMAR YADAV	18A91A05I0	IV

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84	CHINTAPALLI SREE REDDY	18A91A0511	IV
85	BRJESH YADAV	18A91A0512	IV
86	VITHALA VENKATA SAI VAMSI	18A95A0504	IV
87	DARISIPUDI SRIMADHURI	19A95A0501	IV
88	KARRI SINDHU SRI	19A95A0502	IV
89	RONGALA MADHUMITHA	19A95A0503	IV
90	SHEIK ABDUL HAKIM	19A95A0504	IV
91	MAMIDISETTI GANESH KUMAR	19A95A0505	IV


Course Coordinator


Head of the Department


Head of the Department
Department of CSE
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Department: Computer Science and Engineering				Attendance,Duration: 27-01-2020 to 31-01-2020																																					
Course: CODING THEORY AND ITS APPLICATIONS				27-01-2020							28-01-2020							29-01-2020							30-01-2020							31-01-2020									
				FN				AN			FN				AN			FN				AN			FN				AN			FN				AN					
S.No	Roll No	Name	Semester	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35			
1	18A91A0591	MANDALAPU PRASHANTH SAI	IV	Sai				Sai			Sai				Sai			Sai			Sai			Sai			Sai			Sai			Sai			Sai			Sai		
2	18A91A0592	MANUPUDI DHARANI	IV	Dhar				Dhar			Dhar				Dhar			Dhar			Dhar			Dhar			Dhar			Dhar			Dhar			Dhar			Dhar		
3	18A91A0593	MATAM GOWTHAM	IV	Gow				Gow			Gow				Gow			Gow			Gow			Gow			Gow			Gow			Gow			Gow			Gow		
4	18A91A0594	PASAGADUGULA SELVIRAJA	IV	Selvi				Selvi			Selvi				Selvi			Selvi			Selvi			Selvi			Selvi			Selvi			Selvi			Selvi			Selvi		
5	18A91A0595	MUDRAGADA HARSHA PRIYA	IV	Harsha				Harsha			Harsha				Harsha			Harsha			Harsha			Harsha			Harsha			Harsha			Harsha			Harsha			Harsha		
6	18A91A0596	MUMMIDI MEGHANA	IV	Megha				Megha			Megha				Megha			Megha			Megha			Megha			Megha			Megha			Megha			Megha			Megha		
7	18A91A0597	MUTTA VAMSI KRISHNA	IV	Vamsi				Vamsi			Vamsi				Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi			Vamsi		
8	18A91A0598	NULU SUNEEL	IV	Suneel				Suneel			Suneel				Suneel			Suneel			Suneel			Suneel			Suneel			Suneel			Suneel			Suneel			Suneel		
9	18A91A0599	P S S SIVAPRIYA AVADHANULA	IV	Sivapriya				Sivapriya			Sivapriya				Sivapriya			Sivapriya			Sivapriya			Sivapriya			Sivapriya			Sivapriya			Sivapriya			Sivapriya			Sivapriya		
10	18A91A05A0	PADALA MAMATHA	IV	Mamatha				Mamatha			Mamatha				Mamatha			Mamatha			Mamatha			Mamatha			Mamatha			Mamatha			Mamatha			Mamatha			Mamatha		
11	18A91A05A1	PALACHARLA VENKATA KRISHNA KUMAR	IV	Venkata				Venkata			Venkata				Venkata			Venkata			Venkata			Venkata			Venkata			Venkata			Venkata			Venkata			Venkata		
12	18A91A05A2	PALUKURI SAI NIKHIL	IV	Nikhil				Nikhil			Nikhil				Nikhil			Nikhil			Nikhil			Nikhil			Nikhil			Nikhil			Nikhil			Nikhil			Nikhil		
13	18A91A05A3	PASALAPUDI ANUSAMHITA	IV	Anusamhita				Anusamhita			Anusamhita				Anusamhita			Anusamhita			Anusamhita			Anusamhita			Anusamhita			Anusamhita			Anusamhita			Anusamhita			Anusamhita		
14	18A91A05A4	PATTA SHREYA PRABHALITHA	IV	Prabhalitha				Prabhalitha			Prabhalitha				Prabhalitha			Prabhalitha			Prabhalitha			Prabhalitha			Prabhalitha			Prabhalitha			Prabhalitha			Prabhalitha			Prabhalitha		
15	18A91A05A5	PEMMADI YAKSHITHA	IV	Yakshitha				Yakshitha			Yakshitha				Yakshitha			Yakshitha			Yakshitha			Yakshitha			Yakshitha			Yakshitha			Yakshitha			Yakshitha			Yakshitha		

M. Kalpana

Department: Computer Science and Engineering				Attendance,Duration: 27-01-2020 to 31-01-2020																																			
Course: CODING THEORY AND ITS APPLICATIONS				27-01-2020				28-01-2020				29-01-2020				30-01-2020				31-01-2020																			
				FN				AN				FN				AN				FN				AN				FN				AN							
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16	18A91A05A6	PILLEI VEERA BABU	IV	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu
17	18A91A05A7	PISIPATI VISHNU VISWANADHA SARVAN GANESH	IV	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu
18	18A91A05A8	PONNAGANTI DEVI SAI DEEPTHI	IV	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi
19	18A91A05A9	PRATHIGNA GUDALA	IV	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna	Prathigna
20	18A91A05B0	RAMA CHANDRA RAO CHIKKALA	IV	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra
21	18A91A05B1	SABBA VENKATA HEMANTH	IV	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant
22	18A91A05B2	SADIREDDY KIRAN KUMAR	IV	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
23	18A91A05B3	SHAIK REHANA SULTANA AYESHA	IV	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha
24	18A91A05B4	SREERAMULA MANOJ MANVISH	IV	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish	Manvish
25	18A91A05B5	TETALI AMRUTHA	IV	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha
26	18A91A05B6	TIRUPATIPATI DEVI SRICHARISHMA	IV	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi	Devi
27	18A91A05B8	UTTARALA CHETAN RAMA KUMAR	IV	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
28	18A91A05C0	YANAMANDRA SATYA KARTHIK	IV	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	
29	18A91A05C1	YARAKAM HAREESH	IV	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh	Hareesh
30	18A91A05C2	ARREPU VENKATARA0	IV	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	Venkata	
31	18A91A05C3	BAHULIKA NAGURU	IV	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru	Naguru
32	18A91A05C5	BODDU SAI TEJA	IV	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja

M. Kalpana

Department: Computer Science and Engineering				Attendance,Duration: 27-01-2020 to 31-01-2020																																				
Course: CODING THEORY AND ITS APPLICATIONS				27-01-2020							28-01-2020							29-01-2020							30-01-2020							31-01-2020								
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33	18A91A05C6	BORA VIDYA SAGAR	IV	Sage				Sag			Sage				Sage			Sage				Sage			Sage				Sage				Sage				Sage			
34	18A91A05C7	BUGGE ROHIT KUMAR	IV	Rohit				Rohit			Rohit				Rohit			Rohit				Rohit			Rohit				Rohit				Rohit				Rohit			
35	18A91A05C9	GADE HARIKA	IV	har				har			har				har			har				har			har				har				har				har			
36	18A91A05D0	GIDUTURI JOSHI WILLIAMS PRAVEEN KUMAR	IV	will				will			will				will			will				will			will				will				will				will			
37	18A91A05D1	GONGURA RITHVIKA VENKATA PAVANI	IV	Pavani				Pavani			Pavani				Pavani			Pavani				Pavani			Pavani				Pavani				Pavani				Pavani			
38	18A91A05D2	GORAKA PRANAY KUMAR REDDY	IV	Pran				Pran			Pran				Pran			Pran				Pran			Pran				Pran				Pran				Pran			
39	18A91A05D3	GUDIMETLA SOWMYA SRI	IV	Sou				Sou			Sou				Sou			Sou				Sou			Sou				Sou				Sou				Sou			
40	18A91A05D4	JALLEPALLI NAGA PAVANA VIKAS	IV	Pavan				Pavan			Pavan				Pavan			Pavan				Pavan			Pavan				Pavan				Pavan				Pavan			
41	18A91A05D5	JAY PRAKASH YADAV	IV	Prakash				Prakash			Prakash				Prakash			Prakash				Prakash			Prakash				Prakash				Prakash				Prakash			
42	18A91A05D6	JINNAM MADHAVI LATHA	IV	Madh				A			Madh				Madh			Madh				Madh			Madh				Madh				Madh				Madh			
43	18A91A05D7	KANTIPALLI SUPRIYA	IV	Supriya				Supriya			Supriya				Supriya			Supriya				Supriya			Supriya				Supriya				Supriya				Supriya			
44	18A91A05D8	KAPILESWARAPU DURGA SURESH	IV	Suresh				Suresh			Suresh				Suresh			Suresh				Suresh			Suresh				Suresh				Suresh				Suresh			
45	18A91A05D9	KARRI LAKSHMI DEEPIKA REDDY	IV	Laksh				Laksh			Laksh				Laksh			Laksh				Laksh			Laksh				Laksh				Laksh				Laksh			
46	18A91A05E0	KOLLI BHANU SREE MAANVI	IV	Bhanu				Bhanu			Bhanu				Bhanu			Bhanu				Bhanu			Bhanu				Bhanu				Bhanu				Bhanu			
47	18A91A05E1	KOLLURI SRI HARSHITHA	IV	Harsh				Harsh			Harsh				Harsh			Harsh				Harsh			Harsh				Harsh				Harsh				Harsh			
48	18A91A05E2	KONTALA DEEPTI	IV	Deepti				Deepti			Deepti				Deepti			Deepti				Deepti			Deepti				Deepti				Deepti				Deepti			
49	18A91A05E3	KOVVURI VENKATA REDDY	IV	Venkat				Venkat			Venkat				Venkat			Venkat				Venkat			Venkat				Venkat				Venkat				Venkat			

M. Kalpana

Department: Computer Science and Engineering				Attendance,Duration: 27-01-2020 to 31-01-2020																																		
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50	18A91A05E4	LOLLA MADHAVI RATNAM	IV																																			
51	18A91A05E5	MADALA BHAVANA RANI PATNAIK	IV																																			
52	18A91A05E6	MADANI SULTAN MOHIDDIAN KHAN	IV																																			
53	18A91A05E7	MALLADI LAKSHMI SAI NAMRATHA	IV																																			
54	18A91A05E8	MALLIDI SUPRIYA	IV																																			
55	18A91A05E9	MANCHEM JAYA PADMA DURGA SRAVANI	IV																																			
56	18A91A05F0	MENETI MOUNIKA	IV																																			
57	18A91A05F1	MIRIYALA BHAVANI SHANKAR	IV																																			
58	18A91A05F2	MOHAMMED KHADAR BASHA	IV																																			
59	18A91A05F3	MOTAMARRI AKHIL	IV																																			
60	18A91A05F4	MOTUKURI SRI HARITHA	IV																																			
61	18A91A05F5	MUDEDLA SRI RUCHITA	IV																																			
62	18A91A05F7	MUTHYALA VIDHYA SHIRIN	IV																																			
63	18A91A05F8	MUTTINENI DEEPTHI	IV																																			
64	18A91A05F9	NADELI LOKESH CHANDU	IV																																			
65	18A91A05G0	NALLAM SRI VENKATA KALYAN	IV																																			
66	18A91A05G1	NAMALA NIRANJAN	IV																																			

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Department: Computer Science and Engineering				Attendance,Duration: 27-01-2020 to 31-01-2020																																		
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67	18A91A05G2	NEDUNURU LAKSHMI SAIPRASANNA	IV	lales				lab			labh				labh			labsh				lab			lab				lab			lab				lab		
68	18A91A05G3	NUNI PAVITHRA	IV	Pa				Pa			Pa				Pa			Pa				Pa			Pa				Pa			Pa				Pa		
69	18A91A05G4	SHRADDHEYA PRADHAN	IV	Pradha				Pradha			Pradha				Pradha			Pradha				Pradha			Pradha				Pradha			Pradha				Pradha		
70	18A91A05G5	PASUPULETI POSI LAKSHMI MOUNIKA	IV	lakshmi				lakshmi			lakshmi				lakshmi			lakshmi				lakshmi			lakshmi				lakshmi			lakshmi				lakshmi		
71	18A91A05G6	RAGIDI AJAY KUMAR	IV	Ajay				Ajay			Ajay				Ajay			Ajay				Ajay			Ajay				Ajay			Ajay				Ajay		
72	18A91A05G7	RAJA YOGI	IV	yogi				yogi			yogi				yogi			yogi				yogi			yogi				yogi			yogi				yogi		
73	18A91A05H0	RUDRARAJU HARSHITA	IV	Ha				Ha			Ha				Ha			Ha				Ha			Ha				Ha			Ha				Ha		
74	18A91A05H1	SATHI POORNA LAKSHMI DEVI SIRISHA	IV	Pa				Pa			Pa				A			Pa				Pa			Pa				A			Pa				Pa		
75	18A91A05H2	SEEKOLU RAJANI SWATIKA	IV	Se				Se			Se				Se			Se				Se			Se				Se			Se				Se		
76	18A91A05H3	SHAIK TAMEER	IV	Shaik				Shaik			Shaik				Shaik			Shaik				Shaik			Shaik				A			Shaik				Shaik		
77	18A91A05H4	SURYAVAMSI ROHAN	IV	Roh				Roh			Roh				Roh			Roh				Roh			Roh				Roh			Roh				Roh		
78	18A91A05H5	TONAMGI MADHURI VEERA VENKATA ANUSHA	IV	Anu				Anu			Anu				Anu			Anu				Anu			Anu				Anu			Anu				Anu		
79	18A91A05H6	VASABATHULA SRI NAGA VIKAS	IV	Va				Va			Va				Va			Va				Va			Va				Va			Va				Va		
80	18A91A05H7	VATTURI SATYASAIVENKATAPAVANAGOWR ISRISUMA	IV	Para				A			Para				Para			Para				Para			Para				Para			Para				Para		
81	18A91A05H8	VELAGALA VIJAYA DURGA	IV	Durga				Durga			Durga				Durga			Durga				Durga			Durga				Durga			Durga				Durga		
82	18A91A05H9	YARAMATI UDAY KIRAN MOULI	IV	Mou				Mou			Mou				Mou			Mou				Mou			Mou				Mou			Mou				Mou		
83	18A91A05I0	SANJAY KUMAR YADAV	IV	Sanjay				Sanjay			Sanjay				Sanjay			Sanjay				Sanjay			Sanjay				Sanjay			Sanjay				Sanjay		

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Department: Computer Science and Engineering				Attendance,Duration: 27-01-2020 to 31-01-2020																																					
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84	18A91A0511	CHINTAPALLI SREE REDDY	IV	Sree				Sree			Sree				Sree			Sree				Sree			Sree				Sree			Sree				Sree			Sree		
85	18A91A0512	BRIJESH YADAV	IV	Yad				Yad			Yad				Yad			Yad				A			Yad				Yad			Yad				Yad			Yad		
86	18A95A0504	VITHALA VENKATA SAI VAMSI	IV	Vai				Vai			Vai				Vai			Vai				Vai			Vai				Vai			Vai				Vai			Vai		
87	19A95A0501	DARISIPUDI SRIMADHURI	IV	Dur				Dur			Dur				Dur			Dur				Dur			Dur				Dur			Dur				Dur			Dur		
88	19A95A0502	KARRI SINDHU SRI	IV	Sri				Sri			Sri				Sri			Sri				Sri			Sri				Sri			Sri				Sri			Sri		
89	19A95A0503	RONGALA MADHUMITHA	IV	Madh				Madh			Madh				Madh			Madh				Madh			Madh				Madh			Madh				Madh			Madh		
90	19A95A0504	SHEIK ABDUL HAKIM	IV	Hakim				Hakim			Hakim				Hakim			Hakim				Hakim			Hakim				Hakim			Hakim				Hakim			Hakim		
91	19A95A0505	MAMIDISETTI GANESH KUMAR	IV	Ganesh				Ganesh			Ganesh				Ganesh			Ganesh				A			Ganesh				Ganesh			Ganesh				Ganesh			Ganesh		
Day-Day Course Coordinator Sign				M. Kalyma							M. Kalyma							M. Kalyma							M. Kalyma							M. Kalyma									

M. Kalpana

Course Coordinator

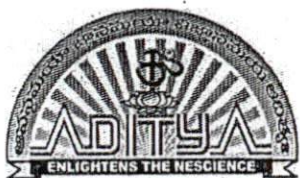
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Head of the Department

Head of the Department

Department of CSE

ADITYA ENGINEERING COLLEGE (A9)



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2 (f) and 12 (B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem- 533437, Near Kakinada, E.G. Dt., Ph: 99498 76662

Department of Computer Science and Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. M. DHARANI bearing roll no 18A91A0592 of IV Semester has completed the Value-Added Course “CODING THEORY AND ITS APPLICATIONS” during the period 27-01-2020 to 31-01-2020.


Course Coordinator


Head of the Department


Head of the Department
Department of CSE
ADITYA ENGINEERING COLLEGE (A9)

Curriculum Vitae

1. Name : KALADI GOVINDARAJU

2. Address for communication : S/O Gangaraju, D.NO:5-9-128
Savithrinagar, Yanam-533464

Mobile: 9989798428
e-mail: govindarajukynm@gmail.com



3 Designation : Associate Professor in the Dept. of CSE

4. Academic Qualifications : M.Tech (CSE)

Name of Degree	Specialization	Year of Passing	Class obtained	University/ Institute	% of Marks
M.Tech	CSE	2009	Distinction	JNTU Hyderabad	71
B.Tech	IT	2004	First	Pondicherry University	74
Diploma	ECE	2000	Distinction	State Board of Tamilnadu	74

5. Teaching Experience : Teaching 11+ years

1. From June'2004 to Sep'2007 worked as an Assistant Professor and Nov'2009 to May'2010, as an Assistant Professor and HOD in CSE Dept in Kakinada Institute of Engineering and Technology, Kakinada.
2. From Jun'2010 to Aug'2014 worked as an Associate Professor and HOD in CSE Dept in Srinivasa Institute of Engineering and Technology, Amalapuram.
3. From Sep'2014 to May'2017 worked as an Associate Professor and HOD in CSE Dept in Kakinada Institute of Engineering and Technology, Kakinada.

6. Subjects being thought : Advanced Data Structures, FLAT, C programming, Data Structures, OOPS through JAVA, Unix and Shell Programming, Computer organization, Design and Analysis of Algorithms, Compiler Design,

Head of the Department
Department of CSE

ADITYA ENGINEERING COLLEGE (A)

6. Awards or recognition

: Received a Cash prize of Rs.5000, to get Best Results for our department in 2010.

7. Paper Published :

S No.	Title of Paper	Name of the Conference/Journal	Year
1	Developing an authorized deduplication system in hybrid cloud model	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 23 Issue 9 – DECEMBER 2016.	2016
2	Cryptography Based on DNA Using Random key Generation Scheme	International Journal of Science Engineering and Advance Technology, IJSEAT, Vol 2, Issue 7, July – 2014	2014
3	The secured anti phishing approach using image based Validation	International Journal of Research in Computer and Communication Technology, Vol 2, Issue 9, September 2013	2013
4	Cooperative Communication Model for Analyzing the Robustness and Power Consumption in Wireless Sensor Networks	Radar, Communication and Computing (ICRCC 2012), SKP Engineering College, Tiruvannamalai, TN., India. 21 - 22 December, 2012. pp.110-113.	2012

8. National Workshops /Training Programs Attended

S No.	Title	Duration (Days)	Institution	Year
WORKSHOPS				
1	CISCO Based Routing Protocols	2	RIT, Yanam	Sep 2011
2	Aakash for Education	2	SIET, Amalapuram	Nov 2012
3	Recent Research Trends in CSE&IT	2	JNTUK, Vijayanaram	June 2013
4	MAT Lab	2	GIET Engg. College, Rajahmundry	June 2013

09. Father's name

: Gangaraju

10. Permanent address

: S/O Gangaraju, D.NO:5-9-128,
Savithrinagar, Yanam-533464

11 Date of Birth

: 30th January, 1981

12. Nationality

: Indian

Kaladi Govindaraju


Head of the Department,
Department of CSE
APMTVA ENGINEERING COLLEGE (A)