



PRAKASAM ENGINEERING COLLEGE

O.V. Road, Kandukur, Prakasam Dist., A.P., Tel : 08598 222288, 221300

APPROVED BY AICTE, NEW DELHI | AFFILIATED TO JNTU, KAKINADA, UNDER AMMA EDUCATION SOCIETY
Department of Electronics and Communication Engineering

To
The Principal,
Sri Prakasam Engineering College,
kandukur.

18-11-2016
KANDUKUR

Sir,

Sub: Request for conducting a certification course on "EMBEEDED SYSTEM FUNDAMENTALS"-Reg.

This is to bring to your kind notice that, we would like to organize a Certification Course program on "EMBEEDED SYSTEM FUNDAMENTALS"- scheduled on 29th NOV 2016 TO 31st MAR 2017. On every day evening 4:00pm to 5:30pm We are happy to inform APSSDC will be conducting this program which is useful for the students of II nd B.Tech Students.

Thanking you Sir,

Yours sincerely

**PRINCIPAL
PRAKASAM ENGINEERING COLLEGE
KANIGIRI ROAD
KANDUKUR-523 105.
Prakasam Dist, A.P.**

HOD-ECE

**Head of the Departement
Department of Electronics and
Communications Engineering
PRAKASAM ENGINEERING COLLEGE
O.V. Road, KANDUKUR-523 105
PRAKASAM DT, A.P.**

Date: 22-11-2016



PRAKASAM ENGINEERING COLLEGE

O.V. Road, Kandukur, Prakasam Dist., A.P., Tel : 08598 222288, 221300

APPROVED BY AICTE, NEW DELHI | AFFILIATED TO JNTU, KAKINADA, UNDER AMMA EDUCATION SOCIETY

Department of Electronics and Communication Engineering

CIRCULAR

All the III B.Tech students are hereby informed that our department is going to conduct 10 Days training program from 29th NOV 2016 TO 31ST MAR 2017 on "EMBEDED SYSTEM FUNDAMENTALS" interested students can enroll their names in the department on or before 0-04-2013.


HOD/ECE

**Head of the Department
Department of Electronics and
Communications Engineering
PRAKASAM ENGINEERING COLLEGE
O.V. Road, KANDUKUR-523 105
PRAKASAM DT, A.P.**



PRAKASAM ENGINEERING COLLEGE

0.V. Road, Kandukur, Prakasam Dist., A.P., Tel : 08598 222288, 221300

APPROVED BY AICTE, NEW DELHI | AFFILIATED TO JNTU, KAKINADA, UNDER AMMA EDUCATION SOCIETY

SYLLABUS: • History & need of Embedded System • Basic components of Embedded System • Programming Language Classification of Embedded System • Advantage & Disadvantage

MICROPROCESSOR & MICROCONTROLLER CLASSIFICATION • Difference between Microprocessor & Microcontroller • Classification based on architecture • Memory Classification

REGISTERS & MEMORY OF AT89C51 • Description of RAM • Description of CPU Registers • Functions of SFR

INTRODUCTION OF EMBEDDED C • Introduction to Embedded C • Difference between C & Embedded C • Programming style • Basic structure of C program
CONSTANTS, VARIABLES & DATA TYPES • Keywords & Identifiers • Data type & its memory representation • Arrays and strings ¾ **OPERATORS** • Types of Operators • Bitwise Operators explained

[Handwritten signature]
Head of the Department
Department of Electronics and
Communication Engineering
Prakasam Engineering College
Kandukur, Prakasam Dist., A.P.

PRAKASAM ENGINEERING COLLEGE
(Affiliated to JNTUK KAKINADA and Approved by AICTE, New Delhi)
KANDUKUR

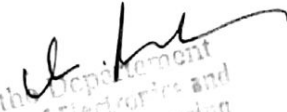
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

EMBEDDED SYSTEM FUNDAMENTALS

REGISTERED STUDENTS LIST

S.NO	ROLL NO	NAME
1	15F91A0438	MADHURI.P
2	15F91A0403	AMULYA.Y
3	15F91A0404	ANIRUDH BABU.P
4	15F91A0416	CHANDRAKALA.M
5	15F91A0448	NAVYA.V
6	15F91A0422	JAYA LAKSHMI.D
7	15F91A0425	KALYAN.K
8	15F91A0429	KUMAR SAI RAM.K
9	15F91A0439	MALLESWARI.P
10	15F91A0447	NAVEEN KUMAR.R
11	15F91A0454	PRIYANKA.Y
12	15F91A0456	RADHIKA.N
13	15F91A0457	RAJITHA.M
14	15F91A0462	SAI PAVAN.U
15	15F91A0464	SAI RAMANA ARAVIND.D
16	15F91A0469	SARASWATHI.CH
17	15F91A0472	SINDHU PRIYA.N
18	15F91A0477	SIVATEJA.M
19	15F91A0480	SRAVANI.R
20	15F91A0481	SRAVANI.V
21	15F91A0483	SRILAKSHMI.P
22	15F91A0487	SUSMITHA.B
23	15F91A0494	VENKATA RAM BABU.B
24	15F91A0497	VENKATESWARLU.P
25	15F91A0499	VIJAYA BHARGAVI.P
26	15F91A04A1	VINEETHA.B
27	15F91A0459	RENUKA CHOWDARY.B
28	15F91A0491	VENKATA NAGA DEVAYANI.S
29	15F91A0492	NAGARJUNA.V
30	15F91A0493	KALYAN.S
31	15F91A0495	VENKATA SUNEETHA.M
32	15F91A0496	VENKATARAACHOWDARY.K
33	15F91A0498	venu.A
34	15F91A04A0	VIJAYA LAKSHMI.P

35	15F91A04A1	VINEETHA.B
36	15F91A04A2	VISHNU PRIYA CH
37	15F91A04A3	REVANTH.G
38	16F95A0401	JAGARLAMUDI AKHIL
39	16F95A0402	KADIRI BUJJAMMA
40	15F91A0417	CHANDRIKA.K
41	15F91A0418	CHOWDARY .R.SANDHYA
42	15F91A0419	DEDEEPLYA.I
43	15F91A0420	DIVYA.P
44	15F91A0421	HAFEEFA BEGUM.MD
45	15F91A0423	JWALA SWARNA BHARATHI.R
46	15F91A0424	JYOTHI.K
47	15F91A0428	KRISHNAMOHAN.P
48	15F91A0431	LAKSHMI MANISHA.K
49	15F91A0432	LAKSHMI PRASANNA.P
50	15F91A0433	LAKSHMI.S
51	15F91A0434	LAVANYA D
52	15F91A0435	MADEENA.SK
53	15F91A0436	MADHAVA REDDY.V
54	15F91A0437	MADHAVA REDDY.Y
55	15F91A0440	MANASA.M
56	15F91A0441	MANASA.N
57	15F91A0442	MANISHA.M


 Head of the Department
 Department of Electronics and
 Communication Engineering
 PRAKASH M.H.
 O.V. Road, ...
 ...



APSSDC

(Andhra Pradesh State Skill Development Corporation)
Department of Skill Development,
Entrepreneurship & Innovation, Government of Andhra Pradesh



Skill Improvement Program (SIP)

on

Embedded System Fundamentals Course Completion Certificate

This is to certify that

Marta Chandrakala

from

PRAKASAM ENGINEERING COLLEGE

has successfully

completed project on Embedded System Fundamentals from 29th Nov 2016 to 31st March
2017 from Andhra Pradesh State Skill Development Corporation

Principal
PRINCIPAL

APSSDC

Prakasam Engineering College
Prakasam Dist, AP.



APSSDC

(Andhra Pradesh State Skill Development Corporation)
Department of Skill Development,
Entrepreneurship & Innovation, Government of Andhra Pradesh



Skill Improvement Program (SIP)

on

Embedded System Fundamentals Course Completion Certificate

This is to certify that

Palathoti Anirudh Babu

from

PRAKASAM ENGINEERING COLLEGE

has successfully

completed project on Embedded System Fundamentals from 29th Nov 2016 to 31st March
2017 from Andhra Pradesh State Skill Development Corporation

Principal
PRINCIPAL

APSSDC



APSSDC

(Andhra Pradesh State Skill Development Corporation)
Department of Skill Development,
Entrepreneurship & Innovation, Government of Andhra Pradesh



Skill Improvement Program (SIP)

on

Embedded System Fundamentals Course Completion Certificate

This is to certify that

Yarramaneni Amulya

from

PRAKASAM ENGINEERING COLLEGE

has successfully

completed project on Embedded System Fundamentals from 29th Nov 2016 to 31st March
2017 from Andhra Pradesh State Skill Development Corporation

Principal

PRINCIPAL

APSSDC

Prakasam Dist. A.P.