



# 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,  
Prakasam Engineering College,  
kandukur.

01-08-2015  
KANDUKUR

Sir,

Sub: Request for conducting a certification course on "EMBEDED SYSTEM & APPLICATIONS"-Reg

This is to bring to your kind notice that, we would like to organize a Certification Course program on "EMBEDED SYSTEM & APPLICATIONS"- for IVth B.Tech students from 15<sup>th</sup> SEP 2015 TO 1<sup>ST</sup> NOV 2015. On every day evening 4:00pm to 5:30pm. This program is useful for the students of IV B.Tech Students. To enhance the technical skill in embedded system.

Thanking you Sir,

Yours sincerely

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.

PRINCIPAL  
PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
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Prakasam Dist, A.P.



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Department of Electronics and Communication Engineering

Date: 02-08-2015

## CIRCULAR

All the IV B.Tech students are here by informed that our department is going to conduct training program from 15<sup>th</sup> SEP 2015 TO 1<sup>ST</sup> NOV 2015 on "EMBEDED SYSTEM & APPLICATIONS" interested students can enrol their names in the department on or before 13<sup>th</sup> SEP 2015

HOD-ECE

  
Head of the Departement  
Department of Electronics and  
Communications Engineering  
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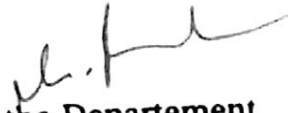
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Department of Electronics and Communication Engineering

**Contents:** • 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  
**OPERATORS** • Types of Operators • Bitwise Operators explained

  
Head of the Department  
Department of Electronics and  
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PRAKASAM DT, A.P.

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

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**


**EMBEDDED SYSTEM & APPLICATIONS**

REGISTERED STUDENTS LIST

S.NO	ROLL NO	NAME
1	12F91A0402	AHALYA. A
2	12F91A0403	AMRUTHA. D
3	12F91A0404	ANANTHA PRUDHVI RAJU. B
4	12F91A0409	ANUSHA. M
5	12F91A0427	GOKUL NATH. G
6	12F91A0429	GOWTHAMI PRIYANKA. K
8	12F91A0431	HEMANTH CHOWDARY. G
9	12F91A0432	HEMANTH KUMAR. M
10	12F91A0434	JANI BASHA. M
11	12F91A0437	JOHN JOJI. V
12	12F91A0438	KALESHA VALI. SK
13	12F91A0440	KAVYASRI. A
14	12F91A0444	KIRANMAI. A
15	12F91A0446	LAKSHMI MOUNIKA. P
16	12F91A0449	LEELA PRAVALLIKA. K
17	12F91A0475	RAMA KRISHNA. V
18	12F91A0476	RAMANAMMA. K
19	12F91A0477	RAMESH BABU. K
20	12F91A0478	RAMESH. U
21	12F91A0479	RANI. V
22	12F91A0480	RESHMA. SK
23	12F91A0481	SAADIK. SK
24	12F91A0482	SAI DURGA. SK
25	12F91A0483	SAI KRISHNA. M
26	12F91A0484	SAI KUSUMA. K
27	12F91A0489	SIREESHA. P
28	12F91A0490	SIVABRAHMACHARI. K
29	12F91A0491	SOWMYA. G
30	12F91A0492	SPANDANA. K
31	12F91A0493	SRAVANI. Y
32	12F91A0494	SREELATHA. M
33	12F91A0495	SRIHARSHA. A
34	12F91A0496	SRILAKSHMI. N
35	12F91A0497	SUPRAJA. P

36	12F91A0498	SUSAN DANNY D
37	12F91A0499	SUSHMA A
38	12F91A04A1	TEJASWINI A
39	12F91A04A2	TEJASWINI K
40	12F91A04A4	VAISHNAVI P
41	12F91A04A5	VAMSI K
42	12F91A04A9	VENKATA BHARGAVI G
43	12F91A04B3	VENKATA NARAYANA S
44	12F91A04B4	VENKATA PHANI TEJA I
45	12F91A04B5	VENKATESH K

45

  
Head of the Department  
Department of Electronics &  
Communications Engineering  
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