COURSE CONTENT

Advanced Embedded Systems
PIC & ARM Controllers
MPLAB & KEIL for ARM
Embedded Technologies
Port programing & Interfacing
Technology Integration
Introduction to Rasspberry Pi
GPIO Programing
Modern trends in Technology
Project handling and troubleshooting

RESOURSE PERSONS

Experts in the field from Industries, Electronic Research and Development as well as academicians will handle the programme.

SELECTION

Selection will be on first-come-first served basis. The number of participants for the workshop is limited to 50. Candidates selected will be intimated before 23-05-2015 through email. All further communications also shall be through e-mails only.

TRANSPORTATION

College buses are available in major routes.Food will be provided.

ELIGIBILITY

Instructors engaged in Electronic laboratories and technical staffs of industries from ECE, EEE, AE and E & I Disciplines.

IMPORTANT DATES

Last date for receipt of application   : 18 May 2015
Intimation of selection   : 23 May 2015
Confirmation by participant   : 25 May 2015

REGISTRATION FEES

No registration fees.

ARVIN
TECHNOLOGIES

Electronic R & D | Product Engineering | Embedded Systems & Hardware Design | Industrial Automation & Instrumentation | Matlab and VLSI | Labview |

Technology Support :

Schneider Electric | DELTA | GE FANUC | OMRON | A-B QUALITY | MICROCHIP

MITSUBISHI ELECTRIC Changes for the Better | SIEMENS | ABB | RaspberryPi | ANDROID

TEXAS INSTRUMENTS | RENESAS | ARM | ARDUINO | ATMEL

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TESLA - 2015

Technology Upgradation & Skill Development Programme for Laboratory Instructors

Organised By :

Dept. of Electronics & Communication Engineering

MANGALAM
COLLEGE OF ENGINEERING
Inspire | Imbibe | Innovate

27 - 29 May 2015

TECHNOLOGY INNOVATION

Technical Support:

ARVIN
TECHNOLOGIES

ABOUT MANGALAM

Mangalam Educational Society, guided by eminent and enterprising personalities, has been playing vital roles in the promotion of academic sector.

Mangalam College of Engineering (MLM) stands supreme in the field of technical education with excellence and quality in education. In keeping with MLM's goal of excellence, the academic programs are supported by well experienced and dedicated faculty, who are committed to equip the student with knowledge and skills needed to succeed in today's rapidly changing world.

Mangalam College of Engineering which came into existence in the year 2002 is now offering B.Tech courses in six different streams and M.tech in seven specializations.

ABOUT ECE DEPARTMENT

The Department of Electronics and Communication Engineering (ECE) is established in 2002. Beginning with an intake of 60, the intake was increased to 120 students by 2008. The Department also conducts post- graduate programmes in VLSI & Embedded Systems from the year 2011 and Communication Engineering from the year 2013. The Department has well-furnished, air conditioned Laboratories equipped with the necessary measuring instrument systems and softwares for design, simulation and testing. The Department has highly qualified and motivated academic faculty having extensive teaching / research experience and have several International / National Journal and conference publications to their credit. Every year, the department organizes National level Technical Symposium / National Conference/ Workshop to promote closer interaction between academic and research scholars.

ABOUT THE WORKSHOP

The program is designed to train lab instructors in the area of Embedded Systems based on PIC, ARM & Raspberry Pi Microcontrollers so that they can help students in guiding academic projects.

The specific objectives are to:
Expose the participating Lab instructors to the technical activities in their colleges.
Equip them with technical skills, practical knowl edge and competencies for effective initiation of projects and developments for the students.
Familiarize the current trends in Embedded System.
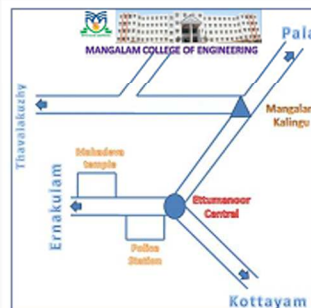
WHO SHOULD ATTEND?

Instructors engaged in Electronic Laboratories & technical staffs of industries in the following engineering disciplines:
• Electronics and Communication Engineering
• Electrical & Electronics Engineering
• Applied Electronics
• Electronics & Instrumentation Engineering

HOW TO APPLY?

Duly filled Registration forms (by post or in email) should reach the co-ordinator on or before **18th May 2015**. No Registration Fee is charged for the workshop.

ROUTE MAP

CHIEF PATRON

ER. BIJU VARGHESE
(CHAIRMAN)

PATRONS

PROF. MANOJ GEORGE
(PRINCIPAL)
DR.ABRAHAM CHETTISSERY
(LEGAL ADVISOR)

CONVENOR

PROF. ASHA PANICKER
(H.O.D , ECE)

CO-ORDINATORS

ASST. PROF. JINU ISAAC KURUVILLA
(DEPT. OF ECE)
ASST. PROF. JYOTHISREE K.R.
(DEPT. OF ECE)

CONTACT DETAILS

Mr.Jinu Issac kuruvilla / Mrs.Jyothisree K R.
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