B.M.S. College of Engineering, Bengaluru-19

Two-week Value Added course on

"Embedded System Design using ARM SoC"

September 1ˢᵗ to September 12ᵗʰ, 2022

Organizers
Dept. of Electronics & Communication Engg.,
B.M.S College of
Engineering, Bengaluru-19

In
Association with
IETE, Bangalore-560032

&

SM Electronic Technologies Pvt. Ltd
Bengaluru, Karnataka 560072

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ORGANIZING COMMITTEE
Dr. Siddappaji, HOD-ECE

CO-ORDINATOR
Dr. Geetishree Mishra, Asst. Prof. ECE,
BMSCE

RESOURCE PERSON
Dr. Geetishree Mishra, Asst. Prof. ECE,
BMSCE

IN CASE OF ANY QUERIES
Contact:
1. Bharath G S: 7406307010
2. Dr. Geetishree Mishra: 9986666961

WHO CAN ATTEND
UG and PG students from
BMSCE and other institutes

IMPORTANT DATES
Last date for registration is 25/08/2022

REGISTRATION FEE
Rs 250/- for all.

NUMBER OF REGISTRATIONS
Limited to maximum 40 students

Pay to: "NEWS Department Conference"
A/C Number: 50099349759
Bank Name: INDIAN BANK
IFSC Code: IDIB000B607

HOW TO APPLY
After paying registration fees, use the link below
for registering this value added course
https://forms.gle/Sf6FcB3zHQsZFYKb6

TIMINGS
2.00 PM to 5.00 PM week days.
10.00 AM to 1.00 PM Saturdays.

**Certificates will be provided to all
participants.**

ABOUT THE COURSE

This course aims to provide an insight on the project based learning methods on Computer architecture using ARM cortex M3. In this course, the students will get their hands-on the Keil µVision. The course enables the students to enhance their skills in hardware organization, advanced microcontrollers and also to have a smooth transition into their fields of work without having to compromise time to adapt to the environment.

OBJECTIVES OF THE COURSE

1. To enhance the knowledge of computer architecture and concepts of advanced microcontrollers.
2. To introduce students to importance of understanding hardware organization with respect to computer architecture.

OUTCOMES

At the end of the course, the students will be able to:

1. Get hands-on experience with a microcontroller kit, with Keil µVision.
2. Analyze the Computer architecture and working of microcontrollers and processors.
3. Enhance problem solving and analytical skills and implement them in projects.

B.M.S COLLEGE OF ENGINEERING

B.M.S College of Engineering was founded in the year 1946, by Late B M Sreenivasaiah, and nurtured by his illustrious son, Late B S Narayan. BMSCE is the first private sector initiative in Engineering Education in India. BMSCE is in the field of Engineering Education over 7 decades of dedicated service. BMSCE today offers 13 Under Graduate & 16 Post Graduate courses, both in conventional and emerging areas. At present, 15 Departments are recognized as Research Centers offering PhD/MSc Engineering by Research in Science, Engineering, Architecture and Management. First Institution in the state bestowed with NBA Accreditation in Tier I Format (Washington Accord). World Bank funded TEQIP Phase I, Phase II and Phase III Institute and Partner Institution of the Melton Foundation, USA which advocates Global Citizenship. Autonomous Institute (UGC approved) since 2008.

DEPARTMENT OF ECE

The Department of Electronics and Communication Engineering (ECE) of BMSCE was established in 1971 with an initial intake of 60 students to the Under Graduate (UG) program and enhanced to an intake of 120 students from 1983 and 180 students from 2018. The department offers three Postgraduate Programmes "Electronics" from 1986, "Digital Communication Engineering" from 1996 with an intake of 18 students and "VLSI Design & Embedded Systems" from 2014 with an intake of 24 students. The department is also a recognized Research Centre (RC) by VTU from 2002 and is a recognized Quality Improvement Programme (QIP) center by the AICTE from 2011. With these activities on-hand, the overall objective of the department is to contribute significantly, to the realization of the Vision of BMSCE. The department has formalized this objective in terms of its own Program Vision and Mission which are in-line with the Vision and Mission of the college.