

About AMC Group

AMC Group of Institutions is located on a 52 Acres campus on Bannerghatta Road. Under the umbrella of the group, it runs:

- AMC Engineering College
- AMC Hotel Management College
- Administrative Management College
- AMC School and PU College
- AMC Cambridge Public School

The group was founded by Dr. K. R. Paramahansa, who has been spearheading the noble enterprise under the banner of "Paramahansa Foundation Trust".

About the College

The Institute was established in 1999, is affiliated to VTU, approved by AICTE, Accredited by NAAC and NBA. It has achieved NIRF India Ranking 2018 (Rank-Band:151-200) and GOLD RATE under AICTE CII Survey 2018-19. It runs 7 U.G. Courses, 6 P.G. Courses, MBA, MCA and 9 Research centers for Ph.D. & M.Sc. (Engg.), courses. The college has grown to greater heights, under the stewardship of Principal, Dr. A. G. Nataraj

About the CSE Department

Department of CSE was established in the year 1999. It has one B.E. course of 240 in-take and CSE and SEM. Tech. courses. It has the pride of securing 16 University ranks. The Department has been **accredited by NBA in OBE format and has also bagged MODROBS funding from AICTE for IOT lab setup.** The department is headed by Dr. Latha C.A., who has rich academic and teaching experience. The department has experienced and well qualified faculty having abundant exposure to Academic and Research excellence.

Our Facilities:

Department has well-furnished State-of-the-art class rooms and Labs. Internet facilities are provided through 150 Mbps leased line. Department also encourages hobby projects, paper presentations and hands on technical exposure, that has led to a student bagging ISTE Best Student award at the State Level and many other curricular and co-curricular student laurels. ICT tools are adopted for teaching and learning process and information is disseminated through department blogs, individual faculty web sites and app.

CSE Department

Vision:

To be reckoned as a premier department in the field of Computer Science & Engineering to meet the technological challenges of the society

Mission:

- To provide State-of-the-art Infrastructure Facilities
- To provide exposure to the latest tools in the area of Computer Hardware and Software
- To strive for Academic excellence through Research in Computer Science and Engineering with creative Teaching-Learning pedagogy
- To establish Industry-Institute Interaction and make Students ready for the Industrial environment
- To transform Students into Entrepreneurial, Technically competent, Socially responsible and Ethical Computer Science professional

Program Educational Objectives:

- **PEO 1:** Graduates possess advanced Knowledge of Computer Science & Engineering & excel in Leadership roles to serve the Society
- **PEO 2:** Graduates of the programme will Apply Computer Engineering tools in core technologies for improving Knowledge in the Inter-Disciplinary Research & Entrepreneurs.
- **PEO 3:** Graduates adapt value-based proficiency in solving real-time problems.

Program Specific Outcomes:

- **PSO 1:** Professional Skills: Ability of applying the Computing Concepts, Data Structures, Computer Hardware, Computer Networks and suitable algorithms.
- **PSO 2:** Software Skills: Ability to build Software Engineering System with Development Life Cycle by using analytical knowledge in Computer Science and Engineering and applying modern methodologies.



AMC
ENGINEERING COLLEGE



Under Paramahansa Foundation Trust
18th km Bannerghatta Rd, Bangalore-83, Affiliated to VTU,
Approved by AICTE, Accredited by NBA & NAAC
Bengaluru – 560083.



VTU Sponsored

Faculty Development Program

on

Microcontroller and Embedded Systems

4th to 6th February 2020

Organised by

Dept. of Computer Science & Engg.



**In Association with
Computer Society of India**



AMC Engineering College

Website: www.amcgroup.edu.in

About the FDP

Microcontrollers and Embedded Systems: This is a new subject introduced by VTU from this academic year. The FDP is focused on fundamentals of ARM programming for both hardware and software using KEIL software tool. It provides hands-on sessions for Interface of external devices and Input/Output with Microcontroller using ARM board-ARM7TDMI/LPC2148. It is also aimed to cover the ARM Architecture, Instructions, and features of ARM Microcontroller. Manuals will be provided as per new syllabus of 18CSL48 of VTU.

Take Away:

Lab Manual

Schedule

Day/ Topic		
Day	FN	AN
1	Inauguration, ARM Processor, Keil Software	Hands-on session on ARM7 and Keil
2	LPC2148, Embedded C Programming	Hands-on session on ARM7 and Embedded C
3	Interfacing DAC, UART, External Interrupts	Hands-on session on ARM7 and Embedded C followed by Valedictory Function

Registration Fee: No Fee

Send your registration to:

E-mail: amc.cse.workshop@gmail.com

Before 31st January 2020

Contact No:

Ms. Jayashubha J., Ph: 9620655210

Ms. V. R. Srividhya Ph: 9739981676

Ms. Snigdha Kesh, Ph: 9916954133

Chief Patron:

Dr. Karisiddappa
Hon'ble Vice Chancellor
VTU, Belagavi

Patrons:

Dr. K. R. Paramahansa
Chairman, AMC & CITY Institutions
Mrs. Geetha Paramahansa
Vice Chairperson, AMC & CITY Institutions
Ms. Monica Kalluri
Vice President, AMC & CITY Institutions
Mr. Rahul Kalluri
Exec. Vice President, AMC & CITY Institutions

Chief Advisors:

Dr. A.G. Nataraj, M.Tech., Ph.D.
Principal, AMCEC
Dr. A. K. Murthy, M.E., Ph.D.
Dean-Academics, AMCEC.

Organizing Chair:

Dr. Latha C.A.
Professor and Head, Dept. of CSE, AMCEC

Advisory Committee:

Dr. P. Bindhu Madhavi
Professor and Head, Dept. of ISE, AMCEC
Dr. Nirmala S., Dr. Asha S., Dr. Doddegowda B. J.
Assoc. Professors- CSE, AMCEC

Convener:

Ms. Jayashubha J.
Assoc. Professor- CSE, AMCEC

Subject Expert:

Mr. Guruprasad
Assistant Professor, ECE, AMCEC

Co ordinators:

Ms. Jayashubha J.
Assoc. Professor- CSE, AMCEC
Ms. V. R. Srividhya
Asst. Professor- CSE, AMCEC
Ms. Snigdha Kesh
Asst. Professor- CSE, AMCEC



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Registration Form

Name: _____

Designation: _____ Dept. _____

Institute/College: _____

Address: _____

Mobile: _____

Email ID: _____

Applicant's Signature
Place:

HOD/Principal
Date: