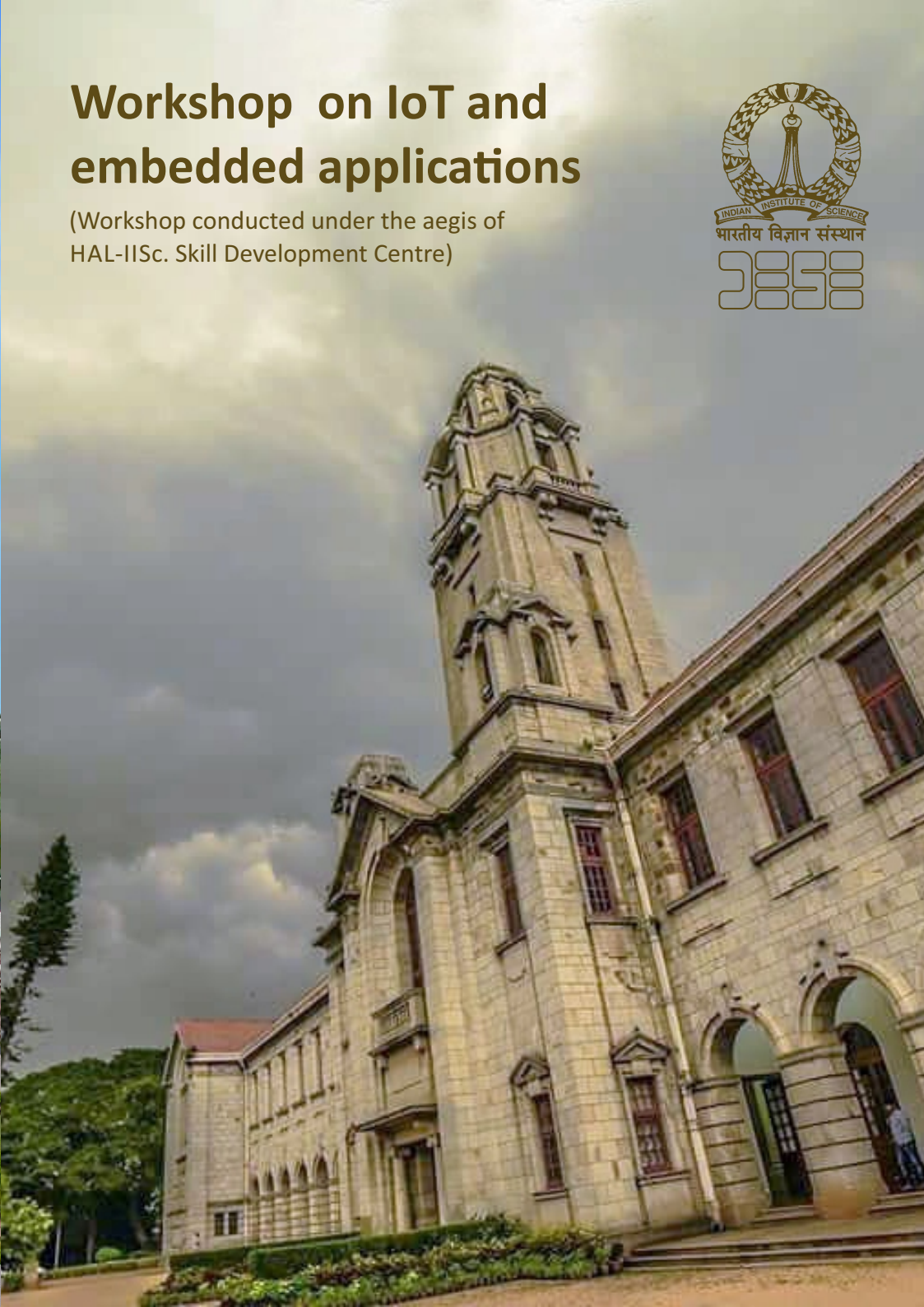




Department of Electronic Systems Engineering
Indian Institute of Science, Bangalore 560 012

Workshop on IoT and embedded applications

(Workshop conducted under the aegis of
HAL-IISc. Skill Development Centre)



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SYLLABUS

Embedded systems - embedded software interrupt driven systems, software reliability, CORTEX ARM processor architecture, peripherals - GPIO, UART, ADC, memories, IoT Sensors (RFID, Air quality, environment sensing, LIDAR), designing with opamps.

IoT applications - automotive, aerospace (air plane air quality), ARINC 429 principles, localization of airplane rotables.

Power supply principles and design, Industrial Design and 3D printed models.

DATE : 3rd June 2019 to 8th June 2019

VENUE : DESE Lab 2nd Floor

PARTICIPANTS :

Pre-requisites : Diploma and/or Bachelors in Engineering

REQUIREMENT :

Candidates should bring their laptops with Windows or Linux OS.

COURSE FEE :

Rs. 10,000/- per candidate

TEACHERS :

T V Prabhakar, Haresh Dagale, N V Chalapathi Rao, Umanand L

Registration Form

Name (Block Letters):

Affiliation:

Designation:

Email:

Mobile:

Enclosed DD for Rs. 10,000/- (Rupees TEN THOUSAND ONLY)
Course Fee favouring "Registrar, Indian Institute of Science, Bangalore"

Signature