

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Criteria-5

DVV Clarification report

Index sheet

5.1.3: Capacity building and skills enhancement initiatives taken by the institution:

Sl. No.	Justification	Page No.
1.	Scheme and Syllabus of areas covered in each of the in house/out sourced activity ,attested by Principal	1-17
2.	Communication with the agencies undertaking the outsourced activity, attested by Principal	18-21
3	Details & Report of the events signed by coordinator & attested by Principal	22-102
4	Relevant highlighted sections of payments made to the agencies highlighted in the audited Income and Expenditure statement in the name of the college ,certified by External Auditor and countersigned by Principal	103-113
5	Tabulated list showing name of agency involved ,address & contact details of agency ,name of the program, number of student attended, roll, year of implementation for the 5 assessment years	114-115
6	Link to the institutional website to land on concerned documents is https://www.rrce.org/rrce/wpcontent/uploads/2021/11/DVV-5.1.3.pdf	
7	Certificate from the Principal showing name of capacity building & skill enhancement initiatives, year of implementation, No of students enrolled, Name of agency involved	116-117
8	Certificate issued to students for each of the program attested by Principal	117-142

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Principal
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DEPARTMENT OF INFORMATION SCIENCE ENGINEERING

“Introduction to Robotics Using Arduino Microcontroller”

COURSE SYLLABUS

TOPIC -1 - Introduction to Microcontroller

TOPIC -2 - Introduction to Arduino

TOPIC -3 - Explanation on Arduino Programming

TOPIC -4 - Installation of Arduino software(IDE)

TOPIC -5 - How to use Arduino tool


TOPIC -6 -Basic program to display LED using Arduino device


TOPIC -7 – Implementation Using Android Bluetooth to control Arduino device

TOPIC -8 – Practical session on making robotics from individual batches.

The number of days required for this course is two days


Event Coordinator


Principal
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Ramohalli Cross, Bengaluru-74


31/4/2018
HOD
Professor & HOD
Dept. of Information Science & Engg.
Rajarajeswari College of Engineering
Bangalore - 560 074.



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

**“Employability Skill Training in Trending Technology on My SQL
Database & Soft skills”**

COURSE SYLLABUS

TOPIC -1 - Soft skills and Communication skills

TOPIC -2- My SQL Database


TOPIC - 3 - Skills required to be industry ready

TOPIC - 4 - Employability Skills

The number of hours required for this course is 14 days


Event Coordinator


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BENGALURU - 560 074


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RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING



HYPER WORKS 14

COURSE SYLLABUS

CHAPTER-1-BASIC INTERACTION: Set the User Profile and retrieve the model file, Rotate, Pan and Zoom the model, Use the Model Browser to control visualization, Component View, Property View, Material View, Working with Collectors, Panels and Directional Functions, sing the Mask Function and Selecting Entities 15 Hours

CHAPTER-2-GEOMETRY CLEAN UP: Importing and Repairing CAD Geometry, View the model in topology Combine free edge pairs, one pair at a time, using the toggle. Simplifying CAD Tools, Generating a Midsurface, 10 Hours


CHAPTER-3-2D MESHING: 2D shell Meshing and topology refinement, meshing without Surfaces, Batch meshing 10 Hours


CHAPTER-4-3D Meshing: Solid Meshing with Hexas: Tetra meshing, Mesh component using feature-based mesh control, 3D solid meshing with Hexas and pentas 5 Hours

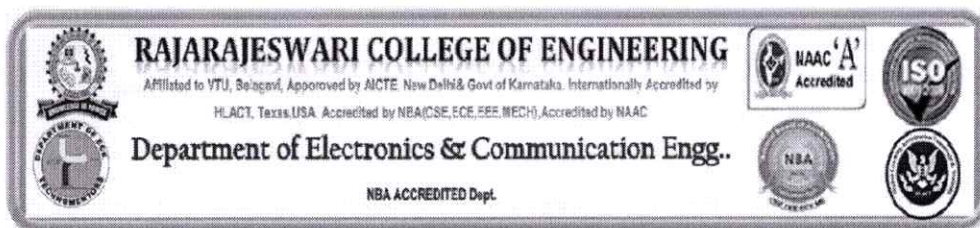
CHAPTER-5-1D Meshing & Connectors: RBE 2 elements, Bar elements, Connectors 5 Hours

CHAPTER-6-ANALYSIS: Modal Frequency Response Analysis of a Flat Plate, Modal Transient Dynamic Analysis of a Bracket, OptiStruct for Linear Analysis 5 Hours

The number of hours required for this course is 50 hours


Radhakrishna R.K.
Faculty Incharge.


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WORKSHOP
on
TOUCH OF PLC ON REAL TIME APPLICATIONS
SYLLABUS

Chapter-1: Introduction to PLC, Importance of PLC, Parts of PLC, PLC “Internals , PLC Basics.

Chapter-2: PLC Basics, Addressing, AND Logic, OR Logic , NOT Logic, EXOR Logic, Relays and its Contacts ,Coils.

Chapter-3: Programming language of a manufacturing chain. Basics of ladder programming, simple structural design of logic circuits.

Total No. Hours required for this course is 5 hours

C. K. Ramesh
HOD/ECE

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Skill Development Program on
“Demonstration and Hands in Session of Debugging and
Testing of Electronic Equipments”

SYLLABUS

- The trends in the electronic test equipment industry.
- Applications of electronic test equipment.
- Types of electronic test equipment that are a part of every engineers' kitty.
- General precautions and advisory while using electronic test equipment.

Total No. Hours required for this course is 3 hours


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Skill Development Program on

“Product Design using Board Level Approach”

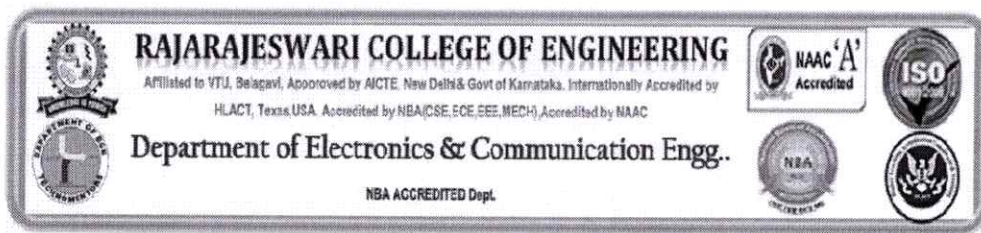
SYLLABUS

- Introduction to hard ware Board Design ,ARM9 Processors.
- Hands on working using Cadence Orcad and Allegro.
- Schematics Verification, PCB FootPrint Creation PCB Placement Deep drive.
- Introduction to PCB Assembly and Hard ware Testing of the Boards,Working on ATMEL Based Projects,Rasbery PI.

Total No. Hours required for this course is 10 hours


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 Ramohalli Cross, Bengaluru-74



WORKSHOP

on

Projects For Engineering From Concepts To Implementation Using Open Hardware

SYLLABUS

*The Students are given awareness and students have gained lot of knowledge on perspective of VLSI industry and seriousness of getting trained and the projects relevant to the field.

*End to end projects for the span of at least 2 semester will help the students for getting jobs in core engineering companies

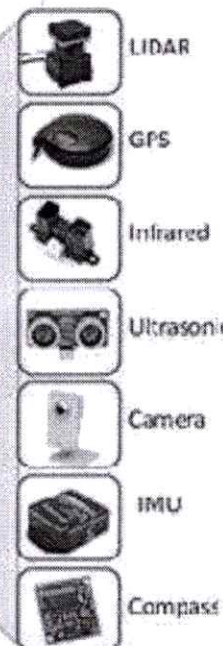
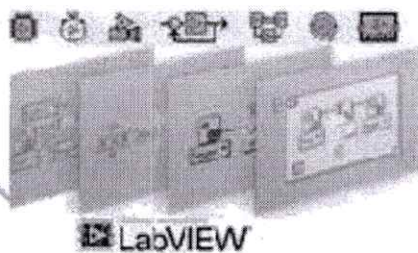
Total No. Hours required for this course is 2 hours

C. R. Sreejith
HOD/ECE
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J. Sathish
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LabVIEW powered Automation

Automation using Arduino - open source hardware
&
LabVIEW - GUI based programming software



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LabVIEW powered Automation

"LabVIEW powered Automation" is the first of its kind workshop in India by SkillRex Technology. This workshop aims at giving hands-on on the microcontroller programming using Arduino processing language & LabVIEW graphical programming to implement different Automation techniques that are used for supreme efficiency and productivity at various levels of different industries & home automation systems. This workshop will help you in understanding different automation technologies used from traditional to the cutting edge new technologies, where you will find different ways to automate different tasks/process we are going through/using in our day to day life.

Arduino is not only an easy to use, simple hardware, but also a powerful & hobbyist's/beginner's first choice microcontroller development board. Similarly, LabVIEW is a most widely used visual/graphical system design platform & development environment for data acquisition, instrument control & industrial automation. Hence the combination of the above two powerful & industrial used platform is a right choice to start which focuses on conceptualization and designing of complex systems from the scratch. It will help in clearing your concepts related to embedded systems, automation and artificial intelligence.

During the workshop, participants would be working on a training kit which includes, Arduino based microcontroller development board, sensors, actuators, switching devices etc. Hands-on sessions on this kit will help the participants to enhance their learning skills on microcontroller, interfacing of peripherals & programming in LabVIEW.

What will you learn after attending the workshop:-

- Revolution in the field of Home & Industrial automation
- Understanding automation using microcontroller, PLC & SCADA
- Understanding the interfacing technique of different automation devices & tools e.g. Sensors, Motors, Actuators, Valves, switching devices e.g. MOSFET, SCR, TRIAC, Relay, PLC, SCADA etc
- Details exposure to Arduino hardware platform & programming through processing
- Details exposure to LabVIEW visual programming & its development environment
- Hands on experience in developing LabVIEW programs for acquiring and analyzing real world signals
- Understanding NI-Data Acquisition through Arduino and controlling various peripherals e.g. LED, switch, motors, sensors etc using LabVIEW
- Use of optical sensors to make different automation applications e.g. light ON/OFF based on person/visitors count, detection of obstacle, light, fire etc
- Interfacing Relay board to ON/OFF home electric appliances
- Building real world embedded & automation applications using Arduino's analog & digital I/O pins

Projects:

- Timer based automatic ON/OFF of home appliances

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- Number of visitors based ON/OFF of home appliances
- Automatic street light control

Details of the Topics to be discuss/cover:-

Day 1 - Before Lunch (3 Hours Session) 09:00AM - 12:45PM

Understanding embedded systems, home & industrial automation system & recent trends in this field:

- What are Embedded Systems & their characteristics?
- Hard Real Time System & Soft Real Time System
- Different types of home & industrial control mechanism:
 - Microcontroller
 - PLC
 - SCADA
- Area of use, advantages & disadvantages

Introduction to microcontroller & Arduino platform:

- What is Microprocessor and Microcontroller?
- Block Diagram of Microprocessors and Microcontrollers
- Overview of popular industrial microcontrollers & its classifications
- The AVR series of microcontrollers & its basic circuit diagram
- Exposure to ARDUINO Platform: Varieties of Arduino boards & Shields
- Familiarization with the Arduino board: identification of components, digital & analog I/O pins
- Connecting & installing device driver for Arduino in your PC
- Basics of Arduino programming: writing LED glow/blink program in processing(Arduino language)
- Downloading LabVIEW firmware in Arduino board to make it LabVIEW compatible

Day 1 After Lunch (3 hours session) 01:30PM - 04:00PM

Introduction to LabVIEW:

- What is LabVIEW, its feature, capabilities & industrial use
- Step by step installation of LabVIEW, VISA, VIPM & LIFA/LVH LINX software
- Running sample/example LabVIEW program to ensure proper working of Arduino with LabVIEW
- Familiarization with LabVIEW environment: usages of Tools Pallet - Front Panel & Block Diagram, functions, controls, learning & practice on shortcut keys
- Understanding LabVIEW's Virtual Instruments (VI), data types, errors & debugging
- Working with loops:
 - For loops
 - While loops

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- Case structures
- Writing formula nodes
- Creating sub-VIs
- Creating time delay used in robots for time based movements etc
- Generating signal, preparing graph, charts & generating reports
- Understanding & working with feedback node
- Hands-on/performing different experiments on the above topics

Day 2 Before Lunch (3 hours session) 09:00AM – 12:45PM

LabVIEW Data Acquisition (DAQ) Fundamentals & LabVIEW Arduino functions:

- Understanding NI-Data Acquisition cards
- Understanding the use of Arduino as a data acquisition card/interface
- Understanding LabVIEW Arduino LIFA/LINX functions & their uses:
 - Initialization, Close
 - Low level: Analog Read, Set Digital Pin Mode, Digital Read/Write etc
 - Sensors: Accelerometer, DS1307, Temperature, Display etc
 - Peripherals: PWM, I2C, SPI etc
 - Utilities: Check channel, Send Receive etc
- Understanding & writing program in LabVIEW to glow, blink LED etc

Day 2 After Lunch (3 hours session) 01:30PM – 04:00PM

Data acquisition using real world signals - Taking input from sensor & building different applications:

- Understanding the circuit diagram of Digital MPOS (Multipurpose Optical Sensor)
- Interfacing, reading & displaying the sensor data using digital I/O of Arduino in LabVIEW
- Understanding ADC:
 - ADC channel & resolution
 - Getting data from different ADC channels & displaying it in LabVIEW
 - Plotting graphs based on ADC data
- Building & testing real world embedded/automation applications using optical sensor:
 - Obstacle detection
 - Person count
 - Detection of fire

Day 3 Before Lunch (3 hours session) 09:00AM – 12:45PM

Industrial switching devices used in Automation:

- Switching devices to drive electric load:
 - Electromagnetic Relay
 - Transistor acts as a switch & H-Bridge using transistors
 - H-Bridge ICs
 - MOSFET

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Day 3 After Lunch (2.30 hours session) 01:30PM - 04:00PM

- SCR & SCS
- DIAC
- TRIAC
- Understanding & working with Electromagnetic Relay:
 - Construction, working principle & types of Relay
 - Understanding & testing the working of relay board

PROJECTS development & testing:

- Understanding home electric wiring, wiring of Relay to automatic ON/OFF of appliances
- Timer based: Automatic/time based on/off of home appliances
- Building automatic street light control system using light sensor
- Sensor based ON/OFF of home appliances
- Counting no. of people entering into a room/hall & turning ON no. of lights accordingly

The Training kit contents:-

1. Arduino development board (specially designed board for building basic robots without requiring an expensive motor driver shield) with the following features: (1)
 - Includes Atmel's ATmega328P Microcontroller with 32kb flash memory working at 20MIPS
 - On-board Motor Driver for connecting 2 DC motors or 1 Stepper motor
 - PC interface for UART communication through virtual COM port by FT232RL IC
 - On-board Reset switch
 - 16 MHz external crystal
 - Exposed all 20 normal usable I/O pins
 - Exposed 6 channel I/O pins for ADC with 5v/1A power supply
 - Exposed 14 I/O channels for sensors and other peripherals with 5V/1A power supply
 - Separate power supply option for Motor & microcontroller
 - Dual power supply option for microcontroller, through DC source (6V to 16V) or USB
 - On-board 5V regulated power supply for microcontroller
 - One test surface mounted LED (Digital13) for status and debugging purpose
 - Two Rx & Tx surface mounted LEDs for UART receive & transmit indication
 - Two supply indicator LEDs for microcontroller supply & motor supply
 - Exposed 3.3V, 5V & Ground pins
 - On board USB programming provision through FT232RL USB to Serial converter
 - Option for separate AREF (Analog Reference) voltage for ADC
 - Standard Arduino Shield can be mounted easily
 - Designed as per Arduino standard & compatibility

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2. Dual relay board
3. USB cable
4. Electric bulb holder
5. 2-pin top & electric wire
6. Digital Optical Sensor
7. Batteries for power supply
8. Battery Snappers
9. Sensor Connectors/cables
10. Screw Driver
11. CD containing study materials, sample codes, software etc

- (1)
- (1)
- (2)
- (1)
- (1)
- (1)
- (3)
- (1)
- (1)

Duration: 3 days properly divided into theory and hands-on sessions.


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RajaRajeswari College of Engineering



(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

Department of Civil Engineering

Date : 31.10.2017

Event: Training on Total Station

CONTENT


1. NEW TANK PROJECTS: The work shall consist of; a. Reconnaissance survey for selection of site and conceptualization of project. b. Alignment of center line of the proposed bund, Longitudinal and cross sections of the center line. c. Detailed survey required for project execution like Capacity surveys, Details at Waste weir and sluice points, Canal alignment etc. as per requirement d. Design and preparation of drawing with report.

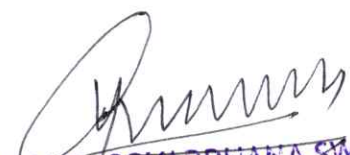
2. WATER SUPPLY AND SANITARY PROJECT: The work shall consist of; a. Reconnaissance survey for selection of site and conceptualization of project. b. Examination of sources of water supply, Calculation of quantity of water required based on existing and projected population. c. Preparation of village map by using total station. d. Survey work required for laying of water supply and UGD e. Location of sites for water tank. Selection of type of water tank to be provided. (ground level, overhead and underground) f. Design of all elements and preparation of drawing with report.

3. HIGHWAY PROJECT: The work shall consist of; a. Reconnaissance survey for selection of site and conceptualization of project. b. Preliminary and detailed investigations to align a new road (min. 1 to 1.5 km stretch) between two obligatory points. The investigations shall consist of topographic surveying of strip of land for considering alternate routes and for final alignment. Surveying by using total station. c. Report should justify the selected alignment with details of all geometric designs for traffic and design speed assumed. d. Drawing shall include key plan initial alignment, final alignment, longitudinal section along final alignment, typical cross sections of road.

4. RESTORATION OF AN EXISTING TANK: The work shall consist of; a. Reconnaissance survey for selection of site and conceptualization of project. b. Alignment of center line of the existing bund, Longitudinal and cross sections of the center line. c. Detailed survey required for project execution like Capacity surveys, Details at Waste weir and sluice points, Canal alignment etc. as per requirement d. Design of all elements and preparation of drawing with report.

5. TOWN/HOUSING / LAYOUT PLANNING: The work shall consist of; a. Reconnaissance survey for selection of site and conceptualization of project. b. Detailed survey required for project execution like contour surveys c. Preparation of layout plans as per regulations e. Center line marking-transfer of centre lines from plan to ground f. Design of all elements and preparation of drawing with report as per regulations


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Dr. H.S. GOVARDHANA SWAMY
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Professor & HOD
Department of Civil Engineering
Rajarajeswari College of Engineering
Bangalore - 560 074.



Department of Civil Engineering

Date : 16.03.2021

Event: Training on Total Station

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V. K. Reddy
Department of Civil Engineering
RRCE / BLR-74



Department of Civil Engineering

Date : 20.01.2019

Event: Training on Total Station

CONTENT

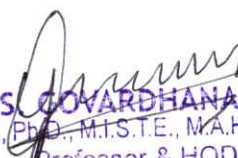
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Department of Civil Engineering

Date : 09.01.2017

Event: Training on Total Station

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Confirmation of the Workshop

This is to confirm that Dalvik Apps & RajaRajeswari College of Engineering (RRCE) of EEE Department are organizing a 3 days workshop on Labview Powered Automation on 7th, 8th & 9th Nov' 2016.

Deliverables from Dalvik Apps.

- 1) Conduct the technical workshop.
- 2) Publicity material i.e. 10 posters.
- 3) E-verified Certificate of Excellence to each participant from Dalvik Apps.
- 4) The department would be honored with The Letter of Appreciation.

Requirement from Host College:

- 1) The second party will provide a drawing hall/seminar hall with a seating capacity of 60-80 students, PAS(Mike & Speaker), LCD Projector and 2 dedicated volunteers.
- 2) Accommodation during the workshop for Faculty of Dalvik Apps in college guest house/hostel.
- 3) Publicity of the event, motivating the students to join the event. For the same publicity material would be provided by Dalvik Apps (as mentioned above).

Fees:

Workshop Name	Fees Per Student	Sponsorship
Labview Power Automation	INR 800	INR 100 per student goes to dept
Kit will be provided in a group of 5 students.		

Fee includes training, certification etc.

The above things are confirmed on behalf of the host college by-

Name Dr. M. ARUNACHALAM
 Designation Professor and HOD
 Seal & Date
 Signature [Signature] 24/10/16

Professor & HOD
 Dept of EEE, RajaRajeswari College of Engineering
 Ramohalli Cross, Bengaluru-74

[Signature]
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Compose

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Sendra Sathy <sendra@gmail.com>
To: arthya, 19/10/17

Wed 25 Oct 2017 at 8:52 pm

Dear Sir,

Please find the details given below:

Brief of Workshop proposal (find detailed as an attachment):

Workshop Title:

"Introduction Robotics using Arduino Microcontroller" with Hands-On Experience

Presenter: Team from SST Technologies Bangalore-73

Intended audience: 4th Sem Students, Dept of CSE/ISE

Materials provided: All relevant Pdf for all sessions

Budget/Agenda: Two days (4 sessions each) the proposed plans will be covered by our eminent Trainer/Developer (for extra refer attachment)

Audio/Visual and Computer requirements: A well equipped Computer Lab with Audio Visual system is needed where Software will be installed with the help of concerned Dept.

Cost for Workshop: Best possible cost on mutual agreement by the institution and us (Rs. 500/- per Student) Four member in a group. (Minimum strength: 40 member)

Kindly find detailed information in the attachment file.

We will be glad to visit the institution and call for any clarification.

Looking forward to seeing you the best!

With Warm Regards,

Sendra Sathy

Attachments: 220Kbms2170

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Training plan

Sowmya Kerur <sowmya@quantechorigin.in>

Tue 20-08-2019 16:49

To: parameshwara p <parameshwara@rrce.org>

Cc: Shanmukh Dharmappa <shanmukh@quantechorigin.in>; Ananth Mallya <ananth@quantechorigin.in>


Hello Sir,


Greetings from QuanTech Origin.

Please find the attached training plan having details of the modules we intend to cover in sessions to be conducted in your esteemed institution.

Please revert for any clarifications.

Regards,
Sowmya kerur
Head - Learning and Development


Placement Officer
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Bengaluru-74


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COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

RRCE invoice 2019

Shanmukh Dharmappa <shanmukh@quantechorigin.in>

Thu 30-05-2019 10:02

To: parameshwara p <parameshwara@rrce.org>

Hello Sir,

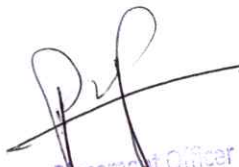
Please find the invoice in PDF format in the below attachment.

Kindly call back for any changes required.

Thanks & Regards,

Shanmukh

QuanTech Origin.


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RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074




Department of Electrical & Electronics Engineering

Date: 31/10/2016

CIRCULAR

We are happy to inform that 3 Day National Workshop on Labview Automation in collaboration with dalvik Apps design & develop Mumbai on November 7th -9th 2016 by Mr Sampuran singh co founder of Davik apps


HOD

Professor & HOD
Dept. of Electrical & Electronics Engg
Rajarajeswari College Of Engineering
Bengaluru-74


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"TRANSFORMERZ"

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National Workshop

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Chairman, RR Group of Institutions
Sri A.C.S. Arun Kumar
Vice-Chairman, RR Group of Institutions

Patrons:

Sri.S.Vijayanand
Executive Director, RR Group of Institutions
Sri.S.Jeyabalan
Special officer, RR Group of Institutions
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Organizing Secretary

Dr.M.Arunachalam
Prof & HOD EEE

Convener

Prof Nandini N
Asst Prof ,EEE.
Prof Pradeepa D
Asst Prof ,EEE.

Student coordinator

Anjum Siddiqua.S 7th Sem
Manu V Vasu 7th Sem

INVITATION

**3 Day
National Workshop
on**

"LABVIEW AUTOMATION"

In Collaboration with

Dalvik Apps

Design & Develop, Mumbai

November 7th-9th , 2016

Resource person:

Mr Sampuran Singh

**Senior Research & Development Head
& Co-Founder of Dalvik Apps**

Inauguration:

Venue: EEE seminar hall

Time : 9:00am

Workshop:

Venue: CAD Lab, EEE

Time : 9:00am-4:00pm

ALL ARE WELCOME

J. edh

Principal

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[Signature]

05/11/16

110



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REPORT ON 3DAY WORKSHOP ON LABVIEW AUTOMATION

1. Name of event : WORKSHOP ON LABVIEW AUTOMATION

2. Duration: 3 DAYS (7th-9th Nov 2016)

3. Venue: CAED Lab, EEE dept., RRCE

Chief Guests: Mr.Sampuran Singh, Dalvik Apps, Pvt. Ltd,Mumbai

4. Sponsorship(if Any): None

5. Topics covered: Basics On Arduino Board And Labview Automation.

6. Target audience : UG students, EEE dept., RRCE

7. Number of Audience: 53

8. Outcome of Event:

The event was very helpful to the students to have hands on training to automize the system programming in Labview and transferring the same program to the hardware arduino board to analyse the output.

Student shared their expertise by doing small project using the software, they were also happy to take up their project in Arduino board and implement new ideas on automation.

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PHOTO GALLERY



WELCOME ADDRESS



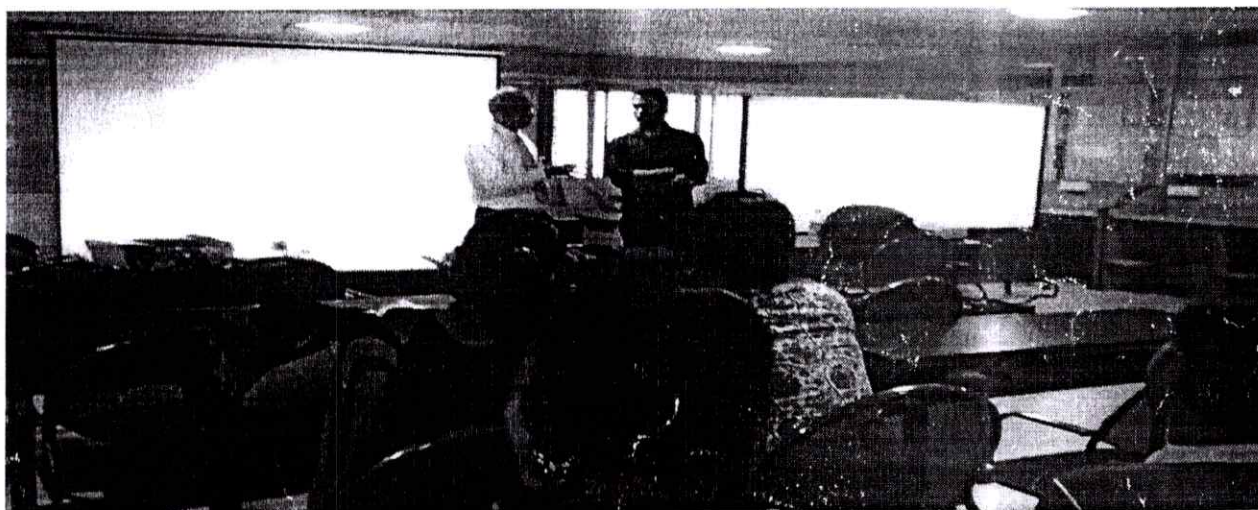
LIGHTNING OF THE LAMP



PARTICIPANTS



WORKING ON LAB VIEW



MEMENTO TO GUEST

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3days National workshop on "LABVIEW AUTOMATION"

In collaboration with Dalvik Apps

Design & develop, mumbai

List of Participats with kit Provider

	SL.NO	NAME	USN NO	SIGNATURE
7 th Sem BATCH-1	1	SIDDESHWAR.B	1RR13EE041	Siddhar
	2	AKASH M	1RR13EE001	Akash
	3	SHARATH R	1RR13EE0039	Sharath
	4	SANDEEP L THANEESH	1RR13EE044	Santhosh
	5	THANEESH KAMATH	1RR13EE001	Thaneesh
5 th Sem BATCH-2	1	SOFIA	1RR14EE039	Sofia
	2	PRIYANKA J	1RR14EE030	Priyanka
	3	KAVYA M	1RR14EE015	Kavya
	4	ROHINI DAS	1RR14EE014	Rohini
	5	NAGARATHNA C	1RR14EE025	Nagarathna
7 th Sem BATCH-3	1	AKSHAY R	1RR13EE002	Akshay
	2	CHANDAR D	1RR13EE011	Chandu
	3	MANJUNTH R	1RR13EE019	Manjunth
	4	SUDARSHAN	1RR13EE043	Sudarshan
	5	VARUN M G	1RR13EE046	Varun
5 th Sem BATCH-4	1	SHARATH P R	1RR14EE037	Sharath
	2	VISHAL VENKATESH	1RR14EE048	Vishal
	3	SANDEEP T R	1RR13EE410	Santhosh
	4	NAVEEN RAJ	1RR13EE023	Naveen
	5	SANDEEP L	1RR13EE035	Santhosh
7 th Sem BATCH-5	1	SAHANA S	1RR12EE028	Shansa
	2	ANJUN SIDDIQUE S	1RR13EE005	Anjun
	3	ASHWINI B H	1RR13EE007	Ashwini
	4	DIVYA M S	1RR13EE012	Divya
	5	POOJA N P	1RR13EE030	Pooja
7 th Sem BATCH-6	1	AMULYA . K . S	1RR13EE004	Amulya . K . S
	2	HARSHITHA J	1RR13EE014	Harshitha
	3	NIVEDITHA H R	1RR13EE025	Niveditha
	4	PAVITHRA H R	1RR13EE026	Pavithra
	5	SPOORTHY B	1RR13EE042	Spoorthy
7 th Sem BATCH-7	1	ROOPASHREE G	1RR13EE034	Roopa
	2	POOJANAYAK N	1RR13EE028	Pooja
	3	MAMATHARANI H S	1RR13EE018	Mamatha
	4	VINUTHA R	1RR13EE047	Vinutha
	5	ANITHA	1RR13EE401	Anitha
5 th Sem BATCH-8	1	SUPRIYA J	1RR14EE040	Supriya
	2	MEENAKSHI C	1RR14EE024	Meena
	3	VARSHINI B K	1RR14EE044	Varshini
	4	AMRUTHVARSHINI M	1RR14EE001	Amrutha
	5	DEEPIKA	1RR14EE008	Deepika

6 Apitha . J 1RR14EE004 Apitha

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	2	CHINNAPPA M D	1RR13EE017	Chinnappa M.D
	3	NANDEESH M	1RR13EE022	Nandeesh
	4	MANU V	1RR13EE020	Manu V
	5	SHIVAPUTHRA G Y	1RR13EE040	Shivaputhra G Y
7 th sem BATCH-10	1	PAVITHRA S	1RR13EE027	pavithra S
	2	POOJA S B	1RR13EE029	poorja S.B
	3	SHALINI D	1RR13EE037	Shalini D
	4	ARPITHA B S	1RR13EE006	Arpitha
	5	JHANSI K	1RR13EE015	Jhansik
5 th sem BATCH-11	1	ANUSHA T S ✓	1RR14EE002	A S
	2	NAYANA R ✓	1RR14EE026	nayana
	3	RAMYA S ✓	1RR14EE033	R
	4	VIJALAKSHMI ✓	1RR14EE046	vij
	5	Y TEJUSWANI REDDY ✓	1RR14EE049	Tej

1RR13EE010
i. chaitra S.R
h. aithra S.R

6 Kanya S 1RR14EE046


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In collaboration with Dalvik Apps
Design and develop, Mumbai
List of Participants with kit Provide

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5	KAMATH	1RR12EE021	narasimha1994@gmail.com
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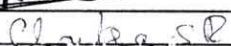
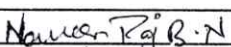
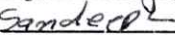
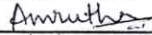

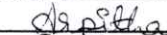
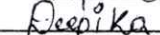
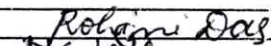
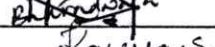

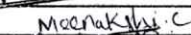
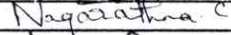

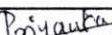
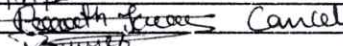
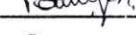

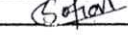
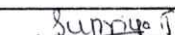
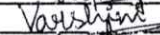
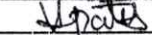
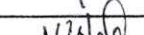

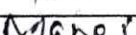
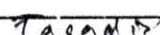
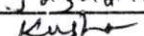




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46	PAVITHRA S	1RR13EE027	pavithra.s.gowda5@gmail.com
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DEPT OF : ELETRICAL AND ELECTRONICS ENGG
LAB VIEW WORKSHOP

Vth SEM

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2	1RR12EE017	MANI R	
3	1RR12EE024	RAKSHITH J	
4	1RR13EE010	CHAITRA S R	
5	1RR13EE016	KALYAN KIRAN	
6	1RR13EE023	NAVEEN RAJ	
7	1RR13EE035	SANDEEP L	
8	1RR14EE001	AMRUTHAVARSHINI M	
9	1RR14EE002	ANUSHA T S	
10	1RR14EE004	ARPITHA J	
11	1RR14EE008	DEEPIKA B	
12	1RR14EE009	DINESH DG	
13	1RR14EE011	HARSHA A	
14	1RR14EE014	ROHINIDAS K R	
15	1RR14EE015	KAVYA M BHARADWAJ	
16	1RR14EE016	KAVYA S	
17	1RR14EE018	KISHORE R	
18	1RR14EE021	MADHUSUDAN K	
19	1RR14EE022	MANGALA G	
20	1RR14EE024	MEENAKSHI C	
21	1RR14EE025	NAGARATHNA C	
22	1RR14EE026	NAYANA R	
23	1RR14EE027	NIRMALA E	
24	1RR14EE030	PRIYANKA J	
25	1RR14EE031	PUNEETHKUMAR	
26	1RR14EE033	RAMYA S	
27	1RR14EE034	S SATHVIK	
28	1RR14EE037	SHARATH P R	
29	1RR14EE039	SOFIA A	
30	1RR14EE040	SUHAS S M	
31	1RR14EE042	SUPRIYA J	
32	1RR14EE044	VARSHINI B K	
33	1RR14EE046	VIJAYALAKSHMI PATIL	
34	1RR14EE047	VINOTHKUMAR S	
35	1RR14EE048	VISHAL VENKATESH	
36	1RR14EE049	YEDDULA BRAHMA	
37	1RR14EE403	TEJASWINI	
38	1RR15EE400	MANOJ P R	
39	1RR15EE403	ARUN M	
40	1RR15EE403	JAGADISH S	
41	1RR15EE405	KUSHAL S	
42	1RR15EE408	PRASHANTH S	
43	1RR15EE409	RAVIKUMAR K	
44	1RR15EE410	SANDEEP T R	
45	1RR15EE411	SANTHRUPTI	
46	1RR15EE412	SHARATH KUMAR T	
47	1RR15EE413	SHIVASAGAR.S	
48	1RR15EE414	SREENATH MG	
49	1RR15EE415	VARUN KUMAR K	
49	1RR15EE417	VEERESH KUMAR S	


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Rajarajeswari College Of Engineering
Bengaluru-74

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 Bangalore-74
 Lab View Work Shop

SL NO	USN NO	Students Name	Signature
		NAME	
1	1RR12EE005	BHARATH KUMAR	
2	1RR12EE006	CHANDAN KUMAR SINGH *	
3	1RR12EE011	JERIN JAMES	
4	1RR12EE021	NARASIMHA KAMATH	
5	1RR12EE028	SAHANA S	<i>Sahana S</i>
6	1RR12EE033	SOUMYA TS*	
7	1RR12EE034	SPOORTHIG*	<i>Spoorthi G</i>
8	1RR13EE001	AKASH M	
9	1RR13EE002	AKSHAY R	
10	1RR13EE003	AMBIKA C	<i>Ambika C</i>
11	1RR13EE004	AMULYA KS	<i>Amulya KS</i>
12	1RR13EE005	ANJUM SS	<i>Anjum SS</i>
13	1RR13EE006	ARPITHA BS	<i>Arpitha BS</i>
14	1RR13EE007	ASHWINI BH	<i>Ashwini BH</i>
15	1RR13EE011	CHANDAN D	<i>Chandan D</i>
16	1RR13EE012	DIVYA MS	<i>M.S. Divya</i>
17	1RR13EE013	GOWTHAM AN	
18	1RR13EE014	HARSHITHA J	<i>Harshitha J</i>
19	1RR13EE015	JHANSIK	<i>Jhansik</i>
20	1RR13EE017	M.D.CHINNAPPA	<i>Chinnappa</i>
21	1RR13EE018	MAMATHA RANI HS	<i>Mamatha Rani HS</i>
22	1RR13EE019	MANJUNATH R	<i>Manjunath R</i>
23	1RR13EE020	MANU V	<i>Manu V</i>
24	1RR13EE021	MEGHANA K	
25	1RR13EE022	NANDEESH M	<i>Nandeesh M</i>
26	1RR13EE024	NAWAZ UR RAHMAN	
27	1RR13EE025	NIVEDITHA HR	
28	1RR13EE026	PAVITHRA HR	<i>Pavithra HR</i>
29	1RR13EE027	PAVITHRA S	<i>Pavithra S</i>
30	1RR13EE028	POOJA NAYAK N	<i>Pooja Nayak N</i>
31	1RR13EE029	POOJA SB	<i>Pooja SB</i>
32	1RR13EE030	POOJA NP	
33	1RR13EE031	PRAKASH	
34	1RR13EE033	RAHUL US	<i>Rahul US</i>
35	1RR13EE034	ROOPASHREE G	<i>Roopa</i>
36	1RR13EE037	SHALINI D	<i>Shalini D</i>
37	1RR13EE038	SHAMANTH S.R	
38	1RR13EE039	SHARATH R*	
39	1RR13EE040	SHIVAPUTHRA.G.Y*	<i>Shivaputhra G.Y</i>
40	1RR13EE041	SIDDESHWAR.B	<i>Siddeshwar B</i>
41	1RR13EE042	SPOORTHIB	<i>Spoorthi B</i>
42	1RR13EE043	SUDARSHAN R	<i>Sudarshan R</i>
43	1RR13EE044	THANEESH.M	<i>Thaneesh M</i>
44	1RR13EE045	VANISHREE.M.M	
45	1RR13EE046	VARUN.MG	
46	1RR13EE047	VINUTHA.R	<i>Vinutha R</i>
47	1RR13EE408	LOKESH KUMAR	
48	1RR14EE400	AJAYKUMAR.C	
49	1RR14EE401	ANITHA	<i>Anitha</i>
50	1RR14EE402	MAHESH.K.R	
51	1RR14EE404	MUTHURAJU B.V*	
52	1RR14EE406	RAKESH.M	<i>Rakesh M</i>
53	1RR14EE407	RAVINDRA.M*	
54	1RR14EE408	SUJEETH KUMAR.B	<i>Sujeeth Kumar B</i>
55	1RR14EE409	SUMANTH.N.JADAV*	
56	1RR14EE410	SURESH.D*	
57	1RR12EE015	MAHADEV M P*	<i>Maha Dev M P</i>
58	1RR13EE411	Mohan Kumar CS	
59	1RR12EE417	RAKESH GOWDA C K	<i>Rakesh Gowda C K</i>

7 Oct
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[Signature]
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ON
LABVIEW AUTOMATION

SL NO	USN NO	NAME	7.11.2016		8.11.2016		9.11.2016	
			FN	AN	FN	AN	FN	AN
1	IRR12EE011	JERIN JAMES	Jerin	James	Jerin	James	Jerin	James
2	IRR12EE021	NARASIMHA KAMATH	Narasimha	Kamath	Narasimha	Kamath	Narasimha	Kamath
3	IRR12EE028	SAHANA.S	Sahana	S	Sahana	S	Sahana	S
4	IRR13EE001	AKASH M	Akash	M	Akash	M	Akash	M
5	IRR13EE002	AKSHAY R	Akshay	R	Akshay	R	Akshay	R
6	IRR13EE003	AMBIKA.C	Ambika	C	Ambika	C	Ambika	C
7	IRR13EE004	AMULYA.KS	Amulya	KS	Amulya	KS	Amulya	KS
8	IRR13EE005	ANJUM.SS	Anjum	SS	Anjum	SS	Anjum	SS
9	IRR13EE006	ARPITHA.BS	Arpitha	BS	Arpitha	BS	Arpitha	BS
10	IRR13EE007	ASHWINI.BH	Ashwini	BH	Ashwini	BH	Ashwini	BH
11	IRR13EE011	CHANDAN.D	Chandan	D	Chandan	D	Chandan	D
12	IRR13EE012	DIVYA.MS	Divya	MS	Divya	MS	Divya	MS
13	IRR13EE013	GOWTHAM.AN	Gowtham	AN	Gowtham	AN	Gowtham	AN
14	IRR13EE014	HARSHITHA.J	Harshitha	J	Harshitha	J	Harshitha	J
15	IRR13EE015	JHANSI.K	Jhansi	K	Jhansi	K	Jhansi	K
16	IRR13EE017	M.D.CHINNAPPA	M.D.Chinnappa		M.D.Chinnappa		M.D.Chinnappa	
17	IRR13EE018	MAMATHA RANISH	Mamatha	Ranish	Mamatha	Ranish	Mamatha	Ranish
18	IRR13EE019	MANJUNATH.R	Manjunath	R	Manjunath	R	Manjunath	R
19	IRR13EE020	MANU.V	Manu	V	Manu	V	Manu	V
20	IRR13EE021	MEGHANA.K	Meghana	K	Meghana	K	Meghana	K
21	IRR13EE022	NANDEESH.M	Nandeesh	M	Nandeesh	M	Nandeesh	M
22	IRR13EE025	NIVEDITHA.HR	Niveditha	HR	Niveditha	HR	Niveditha	HR
23	IRR13EE026	PAVITHRA.HR	Pavithra	HR	Pavithra	HR	Pavithra	HR
24	IRR13EE027	PAVITHRA.S	Pavithra	S	Pavithra	S	Pavithra	S
25	IRR13EE028	POOJA NAYAK.N	Pooja	Nayak.N	Pooja	Nayak.N	Pooja	Nayak.N
26	IRR13EE029	POOJA.SB	Pooja	SB	Pooja	SB	Pooja	SB
27	IRR13EE030	POOJA.NP	Pooja	NP	Pooja	NP	Pooja	NP
28	IRR13EE031	PRAKASH	Prakash		Prakash		Prakash	
29	IRR13EE033	RAHUL.U.S	Rahul	U.S	Rahul	U.S	Rahul	U.S
30	IRR13EE034	ROOPASHREE.G	Roopashree	G	Roopashree	G	Roopashree	G
31	IRR13EE037	SHALINI.D	Shalini	D	Shalini	D	Shalini	D
32	IRR13EE038	SHAMANTH.S.R	Shamant	S.R	Shamant	S.R	Shamant	S.R
33	IRR13EE039	SHARATH.R	Sharath	R	Sharath	R	Sharath	R
34	IRR13EE040	SHIVAPUTHRA.G.Y	Shivaputhra	G.Y	Shivaputhra	G.Y	Shivaputhra	G.Y
35	IRR13EE041	SIDDESHWAR.B	Siddeshwar	B	Siddeshwar	B	Siddeshwar	B
36	IRR13EE042	SPOORTHY.B	Spoorthy	B	Spoorthy	B	Spoorthy	B
37	IRR13EE043	SUDARSHAN.R	Sudarshan	R	Sudarshan	R	Sudarshan	R
38	IRR13EE044	THANEESH.M	Thaneesh	M	Thaneesh	M	Thaneesh	M
39	IRR13EE045	VANISHREE.M.M	Vanishree	M.M	Vanishree	M.M	Vanishree	M.M
40	IRR13EE046	VARUN.MG	Varun	MG	Varun	MG	Varun	MG
41	IRR13EE047	VINUTHA.R	Vinutha	R	Vinutha	R	Vinutha	R
42	IRR13EE408	LOKESH KUMAR	Lokesh	Kumar	Lokesh	Kumar	Lokesh	Kumar
43	IRR14EE400	AJAYKUMAR.C	Ajay	Kumar.C	Ajay	Kumar.C	Ajay	Kumar.C
44	IRR14EE401	ANITHA	Anitha		Anitha		Anitha	

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3 DAY NATIONAL WORKSHOP LAB
ON
LABVIEW AUTOMATION

SL NO	USN NO	NAME	7.11.2016		8.11.2016		9.11.2016	
			FN	AN	FN	AN	FN	AN
1	1RR13EE010	CHAITRA S R	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra
2	1RR13EE023	NAVEEN RAJ	Naveen Raj	Naveen Raj	Naveen Raj	Naveen Raj	Naveen Raj	Naveen Raj
3	1RR13EE035	SANDEEP L	Sandeep	-	Sandeep	Sepl	Sepl	Sepl
4	1RR14EE001	AMRUTHAVARSHINI M	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha	Amrutha
5	1RR14EE002	ANUSHA T S	AN	AN	AN	AN	ANUSHA	ANUSHA
6	1RR14EE004	ARPITHA J	Aspitha	Aspitha	Aspitha	Aspitha	Aspitha	Aspitha
7	1RR14EE008	DEEPIKA B	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika
8	1RR14EE014	ROHINIDAS K R	Das	Das	Das	Das	Das	Das
9	1RR14EE015	KAVYA M BHARADWAJ	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya
10	1RR14EE016	KAVYA S	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya
11	1RR14EE024	MEENAKSHI C	Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi
12	1RR14EE025	NAGARATHNA C	Nagarathna	Nagarathna	Nagarathna	Nagarathna	Nagarathna	Nagarathna
13	1RR14EE026	NAYANA R	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana
14	1RR14EE030	PRIYANKA J	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
15	1RR14EE031	PUNEETHKUMAR	-	-	-	-	-	-
16	1RR14EE033	RAMYA S	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya
17	1RR14EE037	SHARATH P R	Sharath	Sharath	Sharath	Sharath	Sharath	Sharath
18	1RR14EE039	SOFIA A	Sofia	Sofia	Sofia	Sofia	Sofia	Sofia
19	1RR14EE042	SUPRIYA J	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya
20	1RR14EE044	VARSHINI B K	Varshini	Varshini	Varshini	Varshini	Varshini	Varshini
21	1RR14EE046	VIJAYALAKSHMI PATIL	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya
22	1RR14EE048	VISHAL VENKATESH	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal
23	1RR14EE049	YEDDULA BRAHMA TEJASWINI	YB	YB	YB	YB	YB	YB
24	1RR15EE410	SANDEEP T R	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep


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REPORT

1. **Name of event:** 3 - Day National workshop on "Cloud Enabled Python Based IoT System"
2. **Duration:** 7th -9th ,Nov, 2019
3. **Venue:** Tesla Seminar Hall, EEE Dept, RRCE.
4. **Chief Guests:** Dr.Arun Tripathy, Faculty, CoreEL and Sandeepani School of Embedded System Design Bangalore
5. **Sponsorship(if Any):** Honorable Management
6. **Topics covered:** Overview of Zynq Soc, Xilinx SDK tool flow, Python programming, integration and implementation
7. **Target audience:** 3rd,5th and 7th sem students.
8. **Number of Audience:** 74
9. **Outcome of Event:** what is Zynq Soc, IoT overview, to write the coding and integrating the programming with the hardware tool.
10. **Feedback from Participants:**
 - Overall the workshop was appreciated by the participants.
 - Gave the idea what courses to undergo to get the job after their degree.

We thank the management for encouragement and support.



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RAJARAJESWARI COLLEGE OF ENGINEERING

Kumbalagodu, Mysore Road, Bengaluru-560074

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Three days
National Workshop
on
Cloud Enabled Python Based IoT System
7th to 9th November 2019

Jointly Organized by
Department of Electrical and Electronics Engineering
&
CoreEL Technologies (I) Pvt.Ltd,Bengaluru

Registration fees
Students UG & PG : Rs.600/-
*UPI Payment : 9632284895 (GP,PP,Pay Share the Receipt to the Same Number)
*Registration fee may be paid by Demand Draft/Cheque drawn in favor "THE PRINCIPAL,RRCCE,BANGALORE", payable at Bangalore.
*Registration can be done on the same day of workshop

Dates to Remember
Last date for Registration: 4/11/2019
Registration Link: <https://bit.ly/2D31uYV>

Convener
Dr.N.Amuthan,
Professor & Head/EEE

Co-Ordinator
Prof. Nandini N
Assistant Professor, EEE

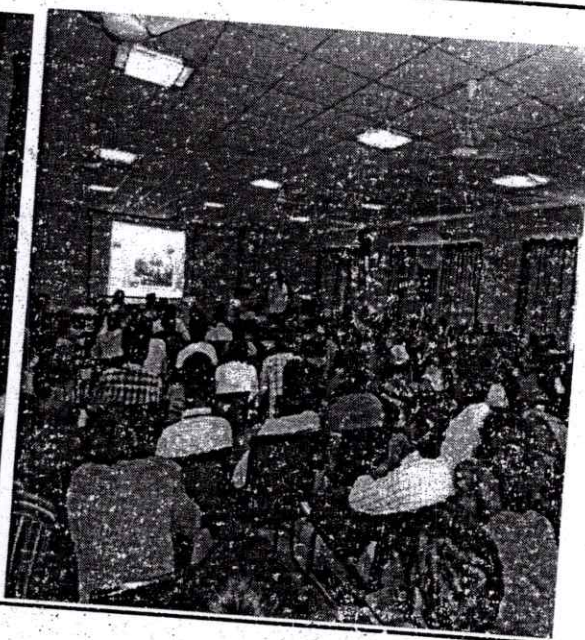
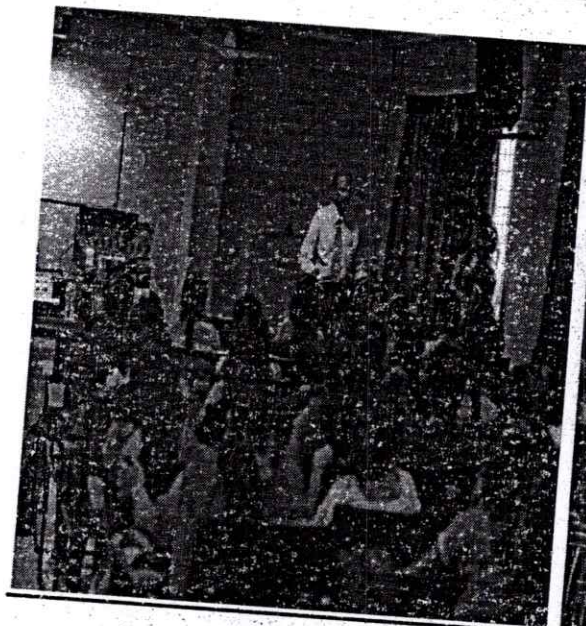
NOTE
Please bring own Laptop



Topics Covered
Embedded System Design on Zynq SoC
-Overview of Zynq SoC
-Xilinx SDK Tool Flow
-Peripheral Interfacing
-Communication protocols
Python Programming
-Python Shell
-Data Types - list, dictionary
-Input-Output Functions
-Control Statements
-Python Modules
-Project Implementation

For More Details
Prof. Pavan Kumar K.R., (Mob): +91-9538481962
Email: eeeworkshoprrce@gmail.com
Prof. Avinash C M
(Mob): +91-9704369481
Email: eeeworkshoprrce@gmail.com

Organizing Chairman
Dr. Balakrishna R
Principal, RRCCE



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Sho. Li. H
HOD, EEE
Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College of Engineering
Bengaluru-74

Gmail

EEE RRCE <eee.rrce@gmail.com>

Python Workshop Schedule with timings

Arup Tripathy <arup.t@coreel.com>

6 November 2019 at 15:29

Reply-To: Arup Tripathy <arup.t@coreel.com>

To: "eee.rrce@gmail.com" <eee.rrce@gmail.com>, "amuthan@rrce.org" <amuthan@rrce.org>

Cc: Roli Srivastava <roli.s@coreel.com>, Arun John Mathias <arun.jm@coreel.com>

Dear Sir/Madam,

Please find the time schedule for Python Workshop , below –

Day	Time	Schedule
1	8.45 AM to 9.30 AM	Inauguration
	9.30AM to 10.30 AM	Overview of Zynq SoC
	10.30 AM to 10.45 AM	Break
	10.45 AM to 12.45 PM	Xilinx SDK Tool Flow
	12.45 PM to 1.30 PM	Lunch break
	1.30 PM to 3.00 PM	System Implementation
	3.00 PM to 3.15 PM	Break
	3.15 PM to 4.00 PM	System Implementation
2	8.330 AM to 10.30 AM	IoT Overview
	10.30 AM to 10.45 AM	Break
	10.45 AM to 12.45 PM	Python Programming
	12.45 PM to 1.30 PM	Lunch
	1.30 PM to 3.00 PM	Cloud access with Python
	3.00 PM to 3.15 PM	Break
	3.15 PM to 4.00 PM	Python Modules

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Arup Tripathy



CoreEL
Technologies
Enabling Excellence

37 / 142



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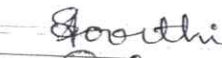
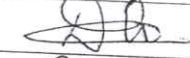
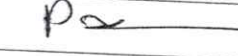
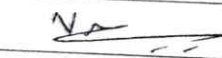

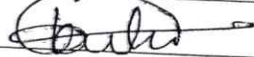
THREE DAYS NATIONAL WORKSHOP
ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019


7th Sem


Registration amount : 600/-


SL NO.	USN	Name of Students	Signature
1.	1RR14EE019	KOKILA V	Kokila V.
2.	1RR14EE051	VARSHA MARIVADA	Varsha Marivada
3.	1RR15EE008	ARCHANA MANJUNATH	Archana
4.	1RR15EE051	MADHUPRASAD K P	Madhu
5.	1RR15EE052	SAGAR R	Sagar R.
6.	1RR15EE060	KAMALESH	Kamalesh
7.	1RR16EE004	ANUSHA J	Anusha
8.	1RR16EE006	ARPITHA K	Arpitha K.
9.	1RR16EE007	BHOOMIKA G	Bhoomika
10.	1RR16EE009	DEEPTHI S	Deepthi
11.	1RR16EE011	DIVYA K	Divya K.
12.	1RR16EE027	RAKESH C S	Rakesh C.S.
13.	1RR16EE031	SAHANA D P	Sahana D.P.
14.	1RR16EE035	SMITHA B M	Smitha B.M.
15.	1RR16EE036	SUPRIYA B H	Supriya B.H.
16.	1RR16EE041	VASANTHKUMAR B N	Vasanth B.N.
17.	1RR16EE046	ANIRUDH G	Anirudh G.
18.	1RR16EE048	CHAITHRA C	Chaithra C.
19.	1RR16EE050	INCHARA R	Inchara R.
20.	1RR16EE053	SACIN H	Sacin H.
21.	1RR16EE426	YATHISH GOWDA R	Yathish Gowda R.
22.	1RR17EE410	CHAITHRA L M	Chaithra L.M.
23.	1RR16EE429	GURUDARSHAN	Gurudarshan
24.	1RR16EE021	MOHAN KUMAR P	Mohan Kumar P.
25.	1RR16EE017	LIKHITHA B J	Likhitha B.J.

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26.	1RR16EE018	M SPOORTHY	
27.	1RR16EE010	DHRUVA D C	
28.	1RR16EE412	PRADEEP K	
29.	1RR16EE425	VENKATESH	
30.	1RR14EE043	TEJESHKIRAN T	
31.	1RR15EE050	KISHOR KUMAR KT	


 ARUN JOHN MATHAS
 COREEL TECHNOLOGIES


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ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019

5th Sem

Registration amount : 600/-

SL NO	USN	NAME	Signature
1.	1AH16EE009	KARUNYA R BADIGER	
2.	1AH16EE015	PRAKASH NANDA N	
3.	1RR16EE001	A KOMAL	
4.	1RR16EE029	SABA ARMAN	
5.	1RR17EE001	ABHISHEK KUMAR	
6.	1RR17EE003	AKSHATHA KM	
7.	1RR17EE008	DIVYA H	
8.	1RR17EE009	HIMA BINDU T	
9.	1RR17EE010	JANARDHANAN K	
10.	1RR17EE012	N SANTOSHAKUMARA	
11.	1RR17EE013	RAKSHITHA S	
12.	1RR17EE014	RAMANNA T G	
13.	1RR17EE015	RASHMI R	
14.	1RR17EE019	SHAIK SHAFFIULLA SHARIEF	
15.	1RR17EE020	SHASHANK P NAIDU	
16.	1RR17EE021	SHREENIDHI	
17.	1RR17EE022	SOUNDARYA POOVAIAH K	
18.	1RR17EE024	THANUJA B S	
19.	1RR17EE025	THILAKNATH G K	
20.	1RR17EE029	VINUTHA M V	
21.	1RR17EE030	BHARATH N	
22.	1RR17EE031	GAGAN GOWDA R	
23.	1RR17EE032	MANOJ KUMAR S R	
24.	1RR17EE033	MOHAN G	
25.	1RR17EE034	NIDA SAHER R	
26.	1RR17EE035	PRIYANKA U	
27.	1RR17EE038	SWATHI KODANDA	
28.	1RR17EE040	VIDYA SHREE N	
29.	1RR17EE041	VIGNESH KUMAR K	
30.	1RR17EE042	VRINDA N	
31.	1RR17EE406	NITHIN S	

ARUN JOHN MATHIAS

Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College of Engineering
Ramohalli Cross, Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"TRANSFORMERZ"

ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGG



THREE DAYS NATIONAL WORKSHOP
ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019

3rd SEMESTER

Registration amount : 600/-

SL NO.	USN	Name of Students	Signature
1.		JAYASHREE M C	Jayashree M C
2.		SOMESHA K	Somesha K
3.		SAI GNANESHWAR C P	Gnane
4.	1RR18EE023	N K SHRINIVAS	N K Shrinivas
5.	1RR16EE025	PRAJWAL	Prajwal

6. 1RR18EE010 Chetan. CK
7. 1RR18EE012 Dilip Kumar. D

Arjun Mathias

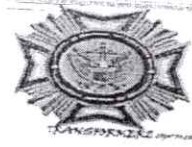
ARUN JOHN MATHIAS
COREEL TECHNOLOGIES

[Signature]
Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College of Engineering
Bengaluru-74

J. Reddy
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
"TRANSFORMERZ"
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGG



THREE DAYS NATIONAL WORKSHOP
ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019

Registration amount : 600/-

SL NO.	College Name	Name of Students	Signature
1.	RRCE → EC	HEMANTH M MOTWANI	Hemant M.
2.	AMC	BALAJI M S	Balaji M S
3.	AMC	CHANDANA B K	Chandana
4.	AMC	NIKHIL G A	Nikhil G A
5.	AMC	RATAN SANJAY PALKAR	Ratan
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Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

A. Mathias

ARUN JOHN MATHIAS
COREEL TECHNOLOGIES

Professor & HOD

Dept. of Electrical & Electronics Engg,
Rajarajeswari College Of Engineering
Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
"TRANSFORMERE"
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGG



THREE DAYS NATIONAL WORKSHOP
ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019

7th Sem

ATTENDANCE

SL NO.	USN	Name of Students	DAY 1		DAY 2		DAY 3	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1.	1RR14EE019	KOKILA V	<i>Kokila</i>	<i>Kokila</i>	<i>Kokila</i>	<i>Kokila</i>		
2.	1RR14EE051	VARSHA MARIVADA	<i>Varsha</i>	<i>Varsha</i>	<i>Varsha</i>	<i>Varsha</i>		
3.	1RR15EE008	ARCHANA MANJUNATH	<i>Archana</i>	<i>Archana</i>	<i>Archana</i>	<i>Archana</i>		
4.	1RR15EE051	MADHUPRASAD K P	<i>Madhu</i>	<i>Madhu</i>	<i>Madhu</i>	<i>Madhu</i>		
5.	1RR15EE052	SAGAR R	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>
6.	1RR15EE060	KAMALESH	<i>Kamalesh</i>	<i>Kamalesh</i>	<i>Kamalesh</i>	<i>Kamalesh</i>		
7.	1RR16EE004	ANUSHA J	<i>Anusha</i>	<i>Anusha</i>	<i>Anusha</i>	<i>Anusha</i>	<i>Anusha</i>	<i>Anusha</i>
8.	1RR16EE006	ARPITHA K	<i>Arpitha</i>	<i>Arpitha</i>	<i>Arpitha</i>	<i>Arpitha</i>		
9.	1RR16EE007	BHOOMIKA G	<i>Bhoomika</i>	<i>Bhoomika</i>	<i>Bhoomika</i>	<i>Bhoomika</i>		
10.	1RR16EE009	DEEPTHI S	<i>Deepthi</i>	<i>Deepthi</i>	<i>Deepthi</i>	<i>Deepthi</i>		
11.	1RR16EE011	DIVYA K	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>
12.	1RR16EE027	RAKESH C S	<i>Rakesh</i>	<i>Rakesh</i>	<i>Rakesh</i>	<i>Rakesh</i>		
13.	1RR16EE031	SAHANA D P						
14.	1RR16EE035	SMITHA B M	<i>Smitha</i>	<i>Smitha</i>	<i>Smitha</i>	<i>Smitha</i>		
15.	1RR16EE036	SUPRIYA B H	<i>Supriya</i>	<i>Supriya</i>	<i>Supriya</i>	<i>Supriya</i>		
16.	1RR16EE041	VASANTHKUMAR B N	<i>Vasanth</i>	<i>Vasanth</i>	<i>Vasanth</i>	<i>Vasanth</i>		
17.	1RR16EE046	ANIRUDH G	<i>Anirudh</i>	<i>Anirudh</i>	<i>Anirudh</i>	<i>Anirudh</i>	<i>Anirudh</i>	<i>Anirudh</i>
18.	1RR16EE048	CHAITHRA C	<i>Chaithra</i>	<i>Chaithra</i>	<i>Chaithra</i>	<i>Chaithra</i>	<i>Chaithra</i>	<i>Chaithra</i>
19.	1RR16EE050	INCHARA R	<i>Inchara</i>	<i>Inchara</i>				
20.	1RR16EE053	SACHIN H	<i>Sachin</i>	<i>Sachin</i>	<i>Sachin</i>	<i>Sachin</i>	<i>Sachin</i>	<i>Sachin</i>
21.	1RR16EE426	YATHISH GOWDA R	<i>Yathish</i>	<i>Yathish</i>	<i>Yathish</i>	<i>Yathish</i>		
22.	1RR17EE410	CHAITHRA L M	<i>Chaithra</i>	<i>Chaithra</i>	<i>Chaithra</i>	<i>Chaithra</i>		
23.		GURUDARSHAN	<i>Gurudarshan</i>	<i>Gurudarshan</i>	<i>Gurudarshan</i>	<i>Gurudarshan</i>		
24.	1RR16EE021	MOHAN KUMAR P	<i>Mohan</i>	<i>Mohan</i>	<i>Mohan</i>	<i>Mohan</i>		
25.	1RR16EE017	LIKHITHA B J	<i>Likhitha</i>	<i>Likhitha</i>	<i>Likhitha</i>	<i>Likhitha</i>		

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-7

	1RR16EE018	M SPOORTHY	<i>Sy</i>	<i>Sh</i>	<i>Sh</i>	<i>Sh</i>	<i>Sh</i>	<i>Sh</i>	<i>Sh</i>
27.	1RR16EE010	DHRUVA D C	<i>Dh</i>	<i>Dh</i>	<i>Dh</i>	<i>Dh</i>	<i>Dh</i>	<i>Dh</i>	<i>Dh</i>
28.	1RR16EE412	PRADEEP K	<i>Pr</i>	<i>Pr</i>	<i>Pr</i>	<i>Pr</i>	<i>Pr</i>	<i>Pr</i>	<i>Pr</i>
29.	1RR16EE425	VENKATESH	<i>Ven</i>	<i>Ven</i>	<i>Ven</i>	<i>Ven</i>	<i>Ven</i>	<i>Ven</i>	<i>Ven</i>
30.	1RR14EE043	TEJESHKIRAN T	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>
31.	1RR15EE010	KISHOR KUMAR K.T	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>

[Signature]
10/11/19

J. adh
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-7



THREE DAYS NATIONAL WORKSHOP
ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019

5th Sem

ATTENDANCE

SL NO	USN	NAME	DAY 1		DAY 2		DAY 3	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1.	1AH16EE009	KARUNYA R BADIGER	Present	Present	Present	Present	Present	Present
2.	1AH16EE015	PRAKRUTHI NANDA N	Present	Present	Present	Present	Present	Present
3.	1RR16EE001	A KOMAL	Present	Present	Present	Present	Present	Present
4.	1RR16EE029	SABA ARMAN	Present	Present	Present	Present	Present	Present
5.	1RR17EE001	ABHISHEK KUMAR	Present	Present	Present	Present	Present	Present
6.	1RR17EE003	AKSHATHA KM	Present	Present	Present	Present	Present	Present
7.	1RR17EE008	DIVYA H	Present	Present	Present	Present	Present	Present
8.	1RR17EE009	HIMA BINDU T	Present	Present	Present	Present	Present	Present
9.	1RR17EE010	JANARDHANAN K	Present	Present	Present	Present	Present	Present
10.	1RR17EE012	N SANTOSHAKUMARA	Present	Present	Present	Present	Present	Present
11.	1RR17EE013	RAKSHITHA S	Present	Present	Present	Present	Present	Present
12.	1RR17EE014	RAMANNA T G	Present	Present	Present	Present	Present	Present
13.	1RR17EE015	RASHMI R	Present	Present	Present	Present	Present	Present
14.	1RR17EE019	SHAIK SHAFFIULLA SHARIEF	Present	Present	Present	Present	Present	Present
15.	1RR17EE020	SHASHANK P NAIDU	Present	Present	Present	Present	Present	Present
16.	1RR17EE021	SHREENIDHI	Present	Present	Present	Present	Present	Present
17.	1RR17EE022	SOUNDARYA POOVAIAH K	Present	Present	Present	Present	Present	Present
18.	1RR17EE024	THANUJA B S	Present	Present	Present	Present	Present	Present
19.	1RR17EE025	THILAKNATH G K	Present	Present	Present	Present	Present	Present
20.	1RR17EE029	VINUTHA M V	Present	Present	Present	Present	Present	Present
21.	1RR17EE030	BHARATH N	Present	Present	Present	Present	Present	Present
22.	1RR17EE031	GAGAN GOWDA R	Present	Present	Present	Present	Present	Present
23.	1RR17EE032	MANOJ KUMAR S R	Present	Present	Present	Present	Present	Present
24.	1RR17EE033	MOHAN G	Present	Present	Present	Present	Present	Present
25.	1RR17EE034	NIDA SAHER R	Present	Present	Present	Present	Present	Present
26.	1RR17EE035	PRIYANKA U	Present	Present	Present	Present	Present	Present
27.	1RR17EE038	SWATHI KODANDA	Present	Present	Present	Present	Present	Present
28.	1RR17EE040	VIDYA SHREE N	Present	Present	Present	Present	Present	Present
29.	1RR17EE041	VIGNESH KUMAR K	Present	Present	Present	Present	Present	Present
30.	1RR17EE042	VRINDA N	Present	Present	Present	Present	Present	Present
31.	1RR17EE406	NITHIN S	Present	Present	Present	Present	Present	Present

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramahalli Cross, Bengaluru-70

10/11/19



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
"TRANSFORMERZ"
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGG



THREE DAYS NATIONAL WORKSHOP
ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019

3rd Sem

ATTENDANCE

SL NO.	USN	Name of Students	DAY 1		Day 2		Day 3	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1.		JAYASHREE M C	<i>JMC</i>	<i>JMC</i>	<i>JMC</i>	<i>JMC</i>		
2.		SOMESHA K	<i>SOMESHA</i>	<i>SOMESHA</i>	<i>SOMESHA</i>	<i>SOMESHA</i>		
3.		SAI GNANESHWAR C P	<i>Gnanesh</i>	<i>Gnanesh</i>	<i>Gnanesh</i>	<i>Gnanesh</i>	<i>Gnanesh</i>	<i>Gnanesh</i>
4.	1RR18EE023	N K SHRINIVAS	<i>Shrinivas</i>	<i>Shrinivas</i>	<i>Shrinivas</i>	<i>Shrinivas</i>	<i>Shrinivas</i>	<i>Shrinivas</i>
5.	1RR18EE010	CHEATAN C K	<i>Cheetan</i>	<i>Cheetan</i>	<i>Cheetan</i>	<i>Cheetan</i>	<i>Cheetan</i>	<i>Cheetan</i>
6.	1RR18EE012	DILIP KUMAR D	<i>Dilip</i>	<i>Dilip</i>	<i>Dilip</i>	<i>Dilip</i>	<i>Dilip</i>	<i>Dilip</i>
7.	1RR16EE025	PRAJWAL	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>

[Signature]
10/11/19

J. adl
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
"TRANSFORMERZ"
ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGG



THREE DAYS NATIONAL WORKSHOP
ON
CLOUD ENABLED PYTHON BASED IOT SYSTEM
7th TO 9th NOVEMBER 2019

ATTENDANCE

SL NO.	College Name	Name of Students	DAY 1		DAY 2		DAY 3	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1.	RRCE	HEMANTH M MOTWANI	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>
2.	AMC	BALAJI M S	<i>Balaji</i>	<i>Balaji</i>	<i>Balaji</i>	<i>Balaji</i>		
3.	AMC	CHANDANA B K	<i>Chandana</i>	<i>Chandana</i>	<i>Chandana</i>	<i>Chandana</i>		
4.	AMC	NIKHIL G A	<i>Nikhil</i>	<i>Nikhil</i>	<i>Nikhil</i>	<i>Nikhil</i>		
5.	AMC	RATAN SANJAY PALKAR	<i>Ratna</i>	<i>Ratna</i>	<i>Ratna</i>	<i>Ratna</i>		
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20.								

J. sat

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74,

[Signature]
10/11/19



Amuthan N <amuthanrrce@gmail.com>

Model Brochure

Arun John Mathias <arun.jm@coreel.com>
 To: Amuthan N <amuthanrrce@gmail.com>
 Cc: Rakesh M <rakesh.m@coreel.com>

Mon, Sep 30, 2019 at 1:08 PM

Dear Dr. Amuthan,

Hope you are doing well. We have come up with a 3-day program for students titled "Cloud Enabled Python based IoT System". The program will involve integrating the learning of Xilinx Zynq SoC and Python and build an IoT application. The program will involve theory and lab sessions and students will work on a project on the third day.

Do let us know if this can be done at RRCE, and we will work on content, dates and commercials.

Regards,

Arun Mathias

Manager - Sandeepani

Sandeepani School of Embedded System Design

Training Division of CoreEL Technologies

www.sandeepani-training.com

Mobile : (+91) 9844182555

Website : www.coreel.com

Ph: (+91) 80-41970441

Fax: (+91) 80-66885410

CoreEL Technologies,

#21, 7th Main, 1st Block, Koramangala,

Bangalore 560034



[Quoted text hidden]

J. adh

Principal
 RAJARAJESWARI
 COLLEGE OF ENGINEERING
 Ramohalli Cross, Bengaluru-74

Tax Invoice

CoreEL Technologies (I) Pvt Ltd No 21, 7th Main, 1st Block Koramangala Bangalore GSTIN/UIN: 29AABCC1915E1Z1 State Name : Karnataka, Code : 29 Consignee RAJARAJESWARI COLLEGE OF ENGINEERING No.14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074 State Name : Karnataka, Code : 29	Invoice No.	Dated
	TRG/2019-20/022	7-Nov-2019
	Delivery Note	Mode/Terms of Payment
	Supplier's Ref.	Other Reference(s)
	As Per Mail DTD : 07-11-2019	
	Buyer's Order No.	Dated
	As Per Mail DTD : 07-11-2019	7-Nov-2019
	Despatch Document No.	Delivery Note Date
	Despatched through	Destination
		Bengaluru
Terms of Delivery		
Payment Terms : Immediate		
Training Date : 07-11-2019 to		
09-11-2019		
Training Place : Bengaluru		

Buyer (If other than consignee)
RAJARAJESWARI COLLEGE OF ENGINEERING
 No.14, Ramohalli Cross, Kumbalgodu,
 Mysore Road, Bengaluru - 560074
 State Name : Karnataka, Code : 29
 Place of Supply : Karnataka

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	National Workshop on "Cloud Enabled Python Based IoT System" For 50 Participants	9992	18 %	1 No	25,423.73	No	25,423.73
						9 %	2,288.13
						9 %	2,288.14
	Total			1 No			30,000.00

E. & O.E

Amount Chargeable (in words)

Indian Rupees Thirty Thousand Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
9992	25,423.73	9%	2,288.13	9%	2,288.14	4,576.27
Total	25,423.73		2,288.13		2,288.14	4,576.27

Tax Amount (in words) : Indian Rupees Four Thousand Five Hundred Seventy Six and Twenty Seven paise Only

Company's PAN : AABCC1915E

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details

Bank Name : Karnataka Bank OD A/c # 0947000104207601

A/c No. : 0947000104207601

Branch & IFS Code : Koramangala Extn Branch & KARB0000094

CoreEL Technologies (I) Pvt Ltd



Rahul Jayaram
 Authorised Signatory

This is a Computer Generated Invoice

J. adt
 Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
 Ramohalli Cross, Bengaluru-74

*Cheque issued to
 Coreel Technologies
 for workshop
 8/11/19*

Tax Invoice

CoreEL Technologies (I) Pvt Ltd No 21, 7th Main, 1st Block Koramangala Bangalore GSTIN/UIN: 29AABCC1915E1Z1 State Name : Karnataka, Code : 29		Invoice No. TRG/2019-20/023 Delivery Note	Dated 7-Nov-2019 Mode/Terms of Payment
Consignee RAJARAJESWARI COLLEGE OF ENGINEERING No.14, Ramohalli Cross, Kumbalgodu , Mysore Road , Bengaluru - 560074 State Name : Karnataka, Code : 29		Supplier's Ref. As Per Mail DTD : 07-11-2019	Other Reference(s)
Buyer (if other than consignee) RAJARAJESWARI COLLEGE OF ENGINEERING No.14, Ramohalli Cross, Kumbalgodu , Mysore Road , Bengaluru - 560074 State Name : Karnataka, Code : 29 Place of Supply : Karnataka		Buyer's Order No. As Per Mail DTD : 07-11-2019 Despatch Document No.	Dated 7-Nov-2019 Delivery Note Date
		Despatched through	Destination Bengaluru
		Terms of Delivery Payment Terms : Immediate Training Date : 07-11-2019 to 09-11-2019 Training Place : Bengaluru	

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	National Workshop on "Cloud Enabled Python Based IoT System" For 23 Participants	9992	18 %	1 No	11,694.92	No	11,694.92
						9 %	1,052.54
						9 %	1,052.54
	CGST Payable @ 9%						
	SGST Payable @ 9%						
	Total			1 No			13,800.00

Amount Chargeable (in words)

Indian Rupees Thirteen Thousand Eight Hundred Only

E & O E

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
9992	11,694.92	9%	1,052.54	9%	1,052.54	2,105.08
Total	11,694.92		1,052.54		1,052.54	2,105.08

Tax Amount (in words) : **Indian Rupees Two Thousand One Hundred Five and Eight paise Only**

Company's PAN : AABCC1915E	Company's Bank Details Bank Name : Karnataka Bank OD A/c # 0947000104207601 A/c No. : 0947000104207601 Branch & IFS Code: Koramangala Extn Branch & KARB0000094
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.	CoreEL Technologies (I) Pvt Ltd Bangalore 560 034 <i>Rahul Jayaram</i> Authorised Signatory

This is a Computer Generated Invoice

J. ad
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

Check issued to
CoreEL Technologies for workshop
Prof. [Signature]
Dept. of Electrical & Electronics Engg.
Rajarajeswari College of Engineering

VALID FOR THREE MONTHS FROM THE DATE OF ISSUE

PAYEE'S A/C. ONLY

07112019
DDMMYYYY

d., GRND FLR, 282 RV MANSION, 100 FT ROAD, RING ROAD, BANSHANKRI 3RD,
PHASE, 7TH BLOCK, BANGALORE 560085
ESB0000464

Payable At Par At All Branches of YES BANK Ltd.

or Bearer

या धारक को

Come EL Technologies (I) Pvt Ltd

रुपये Twenty thousand only -

अदा करें

₹ 30000/-

NGS

No. 046494600000884
क्र.

YES BANK

For RAJARAJESWARI COLLEGE OF ENGINEERING

[Signature]
Authorized Signatories
Please sign above

⑈960715⑈ 560532010⑈ 003453⑈ 31

Received the check. *[Signature]*

Cheque issued to
Come EL Technologies

[Signature]
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

[Signature]
8/11/19
Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bengaluru-74

ICICI Bank
KUMBALAGODU Branch

Rajarajeshwari College of Engg., No.14, Ramohalli Cross, Mysore Road, Kumbalagodu, Bangalore-560074
RTGS / NEFT IFSC Code : ICIC0002637

PRIVILEGE
BANKING

VALID FOR THREE MONTHS ONLY

0 7 1 1 2 0 1 9
D D M M Y Y Y Y

Pay

Core EL Technologies (I) Pvt Ltd.

Or Bearer

या धारक को

Rupees रुपये

Thirteen thousand Eight hundred only

अदा करें

₹ 13,800/-

A/c No.
खाता क्र.

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17/12/16

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RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"TRANSFORMERZ"

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Prof. Nandini N

Asst.Prof, EEE, RRCE

Prof.Rashmi J V

Asst.Prof, EEE, RRCE

Student coordinators:

Bhoomika (4th sem)

Harshitha.R (6th sem)

Harsha (8th sem)

INVITATION

3 DAYS WORKSHOP

ON

**"DESIGN & DEVELOPMENT OF
EMBEDDED SYSTEM USING IOT
APPLICATIONS"**

BY

Mr. Panish Dudda .T

Embedded Software Developer,
Loginware Softec Pvt.Ltd, Hassan

&

Mr. Thejas P Achar

Embedded Software Developer,
Loginware Softec Pvt.Ltd, Hassan

Date: 04/04/2018 to 06/04/2018

Inauguration: 4/04/2018

Time: 10.00 a.m

Venue : EEE Seminar Hall

Please see next page for schedule

ALL ARE CORDIALLY INVITED

J. Reddy
Principal
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Ramohalli Cross, Bengaluru-74

[Signature]
Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
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RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 (NBA ACCREDITED PROGRAMME)

Three Days Workshop

Sl No.	Date	Time	Topic	Resource Person
1.	Wednesday , April 4 th ,2018	10:00 A.M-10:30 A.M	Inauguration	
2.	Wednesday April 4 th ,2018	10:30 A.M – 12:30 PM	Discussion on Embedded Systems in a Nutshell	Mr.Panish Dudda.T, Loginware pvt limited
		1:30PM -4:00 PM	Introduction to Internet of Things and its Architecture, Introduction to IOT Platform: Raspberry Pi, Installing Raspbian OS on Raspberry Pi (Hands on).Getting familiar with Programming tools like terminal emulator (Hands on). Introduction to IO Pins of Raspberry Pi and Various IO Peripherals. Interfacing hardware peripherals to GPIO Pins of Raspberry Pi (Hands on).Interfacing LED and Switch (Hands on).Experimenting various patterns with number of LED's and switch. (Hands on).	Mr.Thejas.P.Achar,Loginware pvt limited
3.	Thursday April 5 th ,2018	10:00 A.M – 12:30 PM	Introduction to Display Devices and its principal of operation.(Brainstorming) Interfacing Display Device (LCD) to Raspberry Pi.(Hands on) Experimenting with various display patterns and custom characters(Hands on).Introduction to Relay circuit and its principal of operation.(Brainstorming) Interfacing Relay and Buzzer to Raspberry Pi GPIO.(Hands on) Interfacing DC motor and L293D DC motor driver.(Hands on)	Mr.Thejas.P.Achar,Loginware pvt limited
		1:30PM -4:00 PM	Introduction to Sensorsonics (Brainstorming).Interfacing various analog and digital sensors like Temperature sensor, pressure sensor ,humidity sensor, fire sensor, IR sensor and Ultrasonic sensor.(Hands on) Introduction to Serial Communication (Brainstorming).Interfacing various serial communication devices like zigbee, Bluetooth and RFID (Hands on). Demo of GPS and GSM technologies.	Mr.Thejas.P.Achar,Loginware pvt limited
4.	Friday April 6 th ,2018	10:00 A.M – 12:30 PM	Introduction to Internet of things.(Brainstorming).Introduction to IOT architecture and various levels.(Brainstorming).Introduction to UBDOTS.(A Cloud IOT Platform). (Brainstorming).Brainstorming on Applications of IOT.Working with UBDOTS and embedded peripherals. (Hands on).Experiencing IOT with UBDOTS and controlling of embedded peripherals. (hands on).	Mr.Thejas.P.Achar,Loginware pvt limited
		1:30PM -4:00 PM	A group event for creating a working prototype to present a solution to real time problem using Raspberry pi and various hardware peripherals and IOT Concept.	Mr.Thejas.P.Achar,Loginware pvt limited



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REPORT ON 3 DAYS WORKSHOP PROGRAMME

A 3 days workshop programme on "Design and Development of Embedded System Using IOT" was conducted for the students of Department of Electrical and Electronics Engineering by Loginware Softec pvt.Ltd from 04/04/18-06/04/18. On 04th April inauguration was held in the college in EEE Seminar hall. The program was hosted by Harshitha.R, our 6th sem student. The program started with an invocation song and was followed by welcome address to the dignitaries. The following dignitaries were on Dias

Dr. T.R. GopalakrishnaNair	Rector, RRG
Dr.R.Balakrishna	Principal, RRCE
Prof M. Prabakar	Vice -Principal, RRCE
Prof.Dr. M .Arunachalam	HOD of EEE, RRCE
Mr.Panish Dudda.T	Embedded Software Developer
Mr.Thejas P Achar	Embedded Software Developer

Prof. Dr. M.Arunachalam, HOD, Dept of EEE welcomed the resource persons and addressed the students about the importance of workshop on embedded system using iot. Dr. T.R. Gopalakrishna Nair, Rector, RRG explained why it is necessary for the students to undergo such workshop. Then Prof M.Prabhakar, Vice-principal, RRCE advised students not to miss such a golden opportunity of getting trained by such well versed o organization.

Then session was continued by Mr.Panish Dudda.T on Embedded System using iot. The session was graced by 70 students. Mr.Panish Dudda discussed about

- What shall we learn on this embedded system

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32

- Importance of IOT
- Using of raspberry pi
- Discuss about the software languages
- Discuss about Building up the mini project

The inaugural programme was ended with vote of thanks by our HOD. The first day workshop started they gave introduction about raspberry pi ,what's that, description about its pin....etc and also taught the basic C language and compared it with python . The Second day of workshop started they taught about python language and how to use with raspberry pi and interfacing with Rfid sensors, led, buzzer,relay,switch..etc. The 3rd day was on IOT interfacing with Raspberry pi in morning session and in the afternoon they had give a task to built your on mini project using Raspberry pi and IOT. Atlast there selected a good mini project and student shared the experience about the workshop.

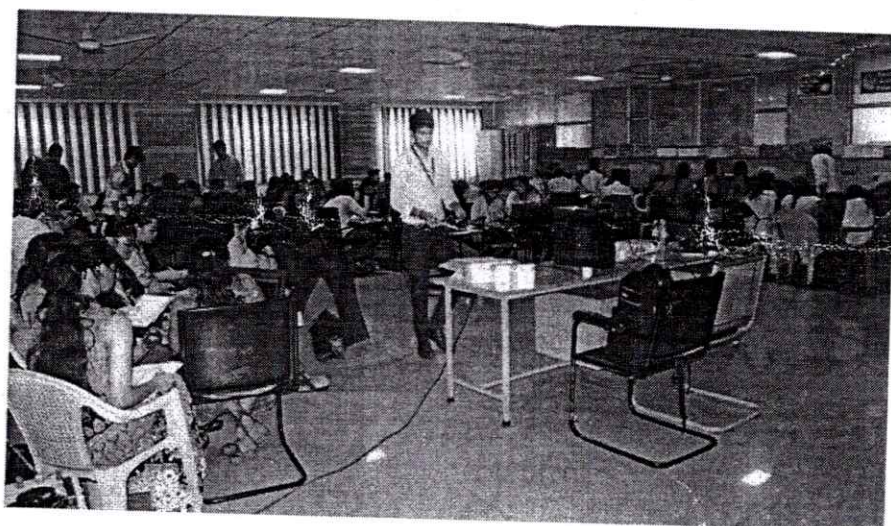
It was the opinion of the participants that the whole 3 days workshop programme was very useful and informative.


INAUGURATION PROGRAMME



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3C

Rajarajeswari College of Engineering
Department of Electrical and Electronics Engg
 List of students attended for Work shop

SL NO.	USN	Name of Students	4/4/2018		5/4/2018		6/4/2018	
			morning	afternoon	morning	afternoon	morning	afternoon
1	IRR16EE004	ANUSHA S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	IRR16EE005	ANUSHA M K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	IRR16EE006	ARPITH K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	IRR16EE007	BHOOMIKA G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	IRR16EE008	BINDU M R	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	IRR16EE009	DEEPTHI S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	IRR16EE010	DHRUVA D C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	IRR16EE011	DIVYA K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	IRR16EE013	KAVYA G M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	IRR16EE015	KRUTHI S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	IRR16EE016	LAKSHMISHREE C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	IRR16EE017	LIKHITHA B J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	IRR16EE018	M SPOORTHY	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	IRR16EE021	MOHAN KUMAR P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	IRR16EE022	MOLKIRE VASINAVI DHANRAJ	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	IRR16EE023	NARENDRA BABU G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	IRR16EE027	RAKESH C S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	IRR16EE031	SAHANA D P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	IRR16EE033	SARALA C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	IRR16EE035	SMITHA B M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	IRR16EE036	SUPRIYA B H	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	IRR16EE038	THRISHANK H S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	IRR16EE039	THUSHARA H G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	IRR16EE040	UDAY KANTH YADAV G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
25	IRR15EE002	ADITHYA MT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26	IRR15EE003	ADNAN AZEEZ	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27	IRR15EE004	AISHWARYA MN	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	IRR15EE005	AKSHAYKUMAR T	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	IRR15EE006	ANUSHA D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	IRR15EE007	ANUSHA M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
31	IRR15EE009	ARUN H A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
32	IRR15EE011	CHAITHRA M C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	IRR15EE012	DARSHAN M U	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34	IRR15EE013	G DARSHINI	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35	IRR15EE015	HARSHITHA KJ	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
36	IRR15EE021	MEGANA C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
37	IRR15EE022	NAGARAJA K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
38	IRR15EE023	NAVYA SHREE S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
39	IRR15EE026	PRIYANKA YADAV L	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
40	IRR15EE030	RAKSHITHA K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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41	IRR15EE031	RAKSHITHA N						
42	IRR15EE034	SHAKTHIPRIYA B	Shaktipriya	Shaktipriya	Shaktipriya	Shaktipriya	Shaktipriya	Shaktipriya
43	IRR15EE035	SHILPA S	Shilpa S	Shilpa S	Shilpa S	Shilpa S	Shilpa S	Shilpa S
44	IRR15EE037	SINDHUSHREE R S	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu
45	IRR15EE039	SUMAN K	Suman K	Suman K	Suman K	Suman K	Suman K	Suman K
46	IRR15EE042	SUSHMITHA ML	Sushmitha ML	Sushmitha ML	Sushmitha ML	Sushmitha ML	Sushmitha ML	Sushmitha ML
47	IRR15EE043	SWETHA V S	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha
48	IRR15EE044	TASADEEK	Tasadeek	Tasadeek	Tasadeek	Tasadeek	Tasadeek	Tasadeek
49	IRR15EE048	HARSHITHA R	Harshitha R	Harshitha R	Harshitha R	Harshitha R	Harshitha R	Harshitha R
50	IRR16EE400	BHARATH V	Bharath V	Bharath V	Bharath V	Bharath V	Bharath V	Bharath V
51	IRR16EE401	CHAITHRA K	Chaitra K	Chaitra K	Chaitra K	Chaitra K	Chaitra K	Chaitra K
52	IRR16EE407	MANJUNATH R	Manjunath R	Manjunath R	Manjunath R	Manjunath R	Manjunath R	Manjunath R
53	IRR16EE411	NEHA I M	Neha IM	Neha IM	Neha IM	Neha IM	Neha IM	Neha IM
54	IRR16EE414	RAGHAVENDRA B R	Raghavendra BR	Raghavendra BR	Raghavendra BR	Raghavendra BR	Raghavendra BR	Raghavendra BR
55	IRR16EE415	RAJESH G	Rajesh G	Rajesh G	Rajesh G	Rajesh G	Rajesh G	Rajesh G
56	IRR16EE418	SHASHIKUMAR R	Shashikumar R	Shashikumar R	Shashikumar R	Shashikumar R	Shashikumar R	Shashikumar R
57	IRR16EE420	SHWETHA	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha
58	IRR16EE422	SRIKANTH V	Srikanth V	Srikanth V	Srikanth V	Srikanth V	Srikanth V	Srikanth V
59	IRR14EE003	ARAVIND BABU .P.R	Aravind Babu P.R	Aravind Babu P.R	Aravind Babu P.R	Aravind Babu P.R	Aravind Babu P.R	Aravind Babu P.R
60	IRR15EE410	SANDEEP T R	Sandeep TR	Sandeep TR	Sandeep TR	Sandeep TR	Sandeep TR	Sandeep TR
61	IRR14EE015	KAVYA M BHARADWAJ	Kavya M Bhavadwaj	Kavya M Bhavadwaj	Kavya M Bhavadwaj	Kavya M Bhavadwaj	Kavya M Bhavadwaj	Kavya M Bhavadwaj
62	IRR13EE016	KALYAN KIRAN	Kalyan Kiran	Kalyan Kiran	Kalyan Kiran	Kalyan Kiran	Kalyan Kiran	Kalyan Kiran
63	IRR15EE035	SANDEEP L	Sandeep L	Sandeep L	Sandeep L	Sandeep L	Sandeep L	Sandeep L

63 IRR13EE035

64 IRR14EE001 Ananthavathi, M



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Objectives:

- To provide a excellent ideas regarding programming languages
- To provide a basic idea of hardware/electronics aspects of programming
- To get you started with basic Embedded application development with ease
- Setup, develop and download Embedded applications into a target hardware

Modules:

- C-launage (In Deapth) : It needs to work with the electronic components and Microcontrollers, Microprocessors based systems.
- Overview and Practical sessions with electronic components such as
 1. Bipolar junction Transistors
 2. Mosfet's
 3. Voltage deviders
 4. FET's
 5. Voltage Regulators
 6. Oscillators etc..
- Difference between C and Python language
- Python language(In deapth) : Needs to work with Microprocessor based systems.
- Overview of architecture of 8051
 - Middle level programming concepts
 - On chip peripheral study, programming and applications-8051
 - Prototype study, programming and applications-8051
 - Hands-on working with GPIOs, Analog I/Os, Memory usage, interfacing etc.-8051
- Architecture of ARM, Detailed discussion on Ports
 - On chip peripheral study, programming and application - ARM7
 - Prototype study, programming and applications - ARM7


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- Hands-on working with GPIOs, Analog I/Os, Memory usage, interfacing etc – ARM7
- Getting started with Ubuntu and Raspberry Pi Linux
 - Raspian OS running in Raspberry Pi
 - Ubuntu Instance running in VMWARE/VIRTUAL BOX on Windows Machine
 - Overview of Ubuntu (Hands On by students)
 - Installing Virtual BOX / VMWARE on Windows
 - Installing Ubuntu Instance in Virtual BOX / VMWARE
 - Introduction to Python (Hands on by students)
 - Writing a Simple Python Script in Ubuntu Virtual Machine
 - Developing python applications for Raspberry Pi
 - Introduction to Raspberry Pi
 - Architecture of Raspberry Pi
 - Overview of IO Pins and other peripherals
 - Installing Raspian OS (Linux based OS) on raspberry Pi
 - Interfacing Various Peripherals to Raspberry Pi
 - Interfacing LED, LCD, IR Sensor , Temperature Sensor , Moisture Sensor and other peripherals to Raspberry Pi.
 - Brainstorming on IOT (Internet of Things)
 - Development of Simple IOT Application using Python on Raspberry Pi Platform



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Chairman, RR Group of Institutions

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Vice-Chairman, RR Group of Institutions

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Chairman

Dr. R. Balakrishna
Principal, RRCE

Organizing Secretary

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Professor and HOD, ISE

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Ananda Kumar. K S, Asst. Prof.

Co-Convener

1. Veda. D, Asst. Prof.
2. Dinesh Kumar. M, Asst. Prof.

Organizing Committee

Neha Singhal, Asst. Prof.
Vinutha. H, Asst. Prof.
Ashwini. R. Malipatil, Asst. Prof.
Rajeshwari. S, Asst. Prof.
Chaithra. S, Asst. Prof.

Invitation

Dear Sir/Madam,

We are pleased to inform that department of Information Science and Engineering is organizing the Technical Talk on **"Introduction to Robotics Using Arduino Microcontroller"** Mr. Sreenivasa Setty, Chief Technology Officer, SST Technologies, Bengaluru.

Date: 5th April & 7th April 2018

Academic Year: 2018 - 2019

Venue: Micro Controller Lab, Department of ISE RRCE

PROGRAM SCHEDULE [DAY 1]

SL.No	Time	Event
1	9 AM	Inauguration
2	9.30 AM- 12.45 PM	Introduction Microcontroller Arduino
3	***** -----Lunch Break-----*****	
4	1.30 PM - 2.30PM	Explanation and Demo on Arduino Programming
5	2.30 PM - 3.00 PM	Installation of Arduino software

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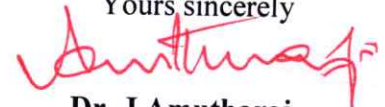
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PROGRAM SCHEDULE [DAY 2]

SL.No	Time	Event
1	9 AM – 11.00 AM	Demo on “How to use Arduino tool”
2	11 AM – 12.45 AM	Basic Programs and commands and interfacing to display LED using Arduino device
3	***** -----Lunch Break-----*****	
4	1.30 PM - 2.30PM	Implementation Using Android Bluetooth to control Arduino device
5	2.30 PM - 3.00 PM	Practical session on making robotics from individual batches

Expecting your presence to make this event successful and please encourage your faculties and students to join us.

Yours sincerely



Dr. J Amutharaj
Head, Dept of ISE

Professor & HOD
Dept. of Information Science & Engg.
Rajareeswari College of Engineering
Bangalore - 560 074.



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)



Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru - 560074

Introduction to Robotics Using Arduino Microcontroller

List of Registered Students

Academic Year : 2017 - 2018 [5th April – 7th April 2018]

SL NO.	USN	STUDENT NAME
1	1RR16IS001	ABHIJNANA H K
2	1RR16IS002	ADARSH S SHETTY
3	1RR16IS005	AMRUTHA N S
4	1RR16IS006	APOORVA J
5	1RR16IS008	ASHITHA G R
6	1RR16IS010	ASHWINI M
7	1RR16IS027	CHARISHMA N M
8	1RR16IS014	DIVYASHREE C. Y
9	1RR16IS015	HARISH REDDY H P
10	1RR16IS018	HIMA JK
11	1RR16IS017	HITHASHREE V
12	1RR16IS019	JEEVITHA BS
13	1RR16IS020	K. R. ANJALI
14	1RR16IS022	KUSUMA N
15	1RR16IS023	LAKSHMIPATHY K
16	1RR16IS024	MEGHANA G
17	1RR16IS026	MYTHRI G
18	1RR16IS027	N M CHARISHMA
19	1RR16IS028	NAMRATHA KS
20	1RR16IS029	NAMRATHA S N
21	1RR16IS030	NIDHI HEGDE
22	1RR16IS035	PUNEETH KUMAR S
23	1RR16IS036	RAJENDRA PRASAD
24	1RR16IS037	RAKSHITA AMARESH
25	1RR16IS039	SACHIN H PRAJAPATHI
26	1RR16IS041	SANJANA K
27	1RR16IS043	SEEMA K
28	1RR16IS044	SHRADDHA SHANKARBHAT

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)



Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

SL NO.	USN	STUDENT NAME
29	1RR16IS046	SNEHA P H
30	1RR16IS046	SNEHA P H
31	1RR16IS047	SUHAS V
32	1RR16IS048	SUPREETHA P SHETTY
33	1RR16IS049	SUPRITHA R
34	1RR16IS050	SUPRIYA
35	1RR16IS052	VARSHA
36	1RR15IS004	ARUN KUMAR .R
37	1RR15IS041	SPOORTHY .H
38	1RR15ISO44	SUSHMITHA H.B

M. Dinesh

Staff Co-ordinator

Ankur

HOD - ISE

Professor & HOD
Dept. of Information Science & Engg.
Rajarajeswari College of Engineering
Bengaluru - 560 074.

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)



Ramchalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

Introduction to Robotics Using Arduino Microcontroller

Academic Year : 2017 - 2018 [5th April – 7th April 2018]

Attendance of Students in the Workshop on 5th and 7th April 2018

SL NO.	USN	STUDENT NAME	5.4.2018		7.4.2018	
			F.N	A.N	F.N	A.N
1	1RR16IS001	ABHIJNANA H K	Abh	Abh	Abh	Abh
2	1RR16IS002	ADARSH S SHETTY	Adar	Adar	Adar	Adar
3	1RR16IS005	AMRUTHA N S	Amrutha	Amrutha	Amrutha	Amrutha
4	1RR16IS006	APOORVA J	Apoorva	Apoorva	Apoorva	Apoorva
5	1RR16IS008	ASHITHA G R	Ashitha	Ashitha	Ashitha	Ashitha
6	1RR16IS010	ASHWINI M	Ashwini	Ashwini	Ashwini	Ashwini
7	1RR16IS027	CHARISHMA N M	Charishma	Charishma	Charishma	Charishma
8	1RR16IS014	DIVYASHREE C. Y	Divya	Divya	Divya	Divya
9	1RR16IS015	HARISH REDDY H P	Harish	Harish	Harish	Harish
10	1RR16IS018	HIMA JK	Hima	Hima	Hima	Hima
11	1RR16IS017	HITHASHREE V	Hitha	Hitha	Hitha	Hitha
12	1RR16IS019	JEEVITHA BS	Jeevitha	Jeevitha	Jeevitha	Jeevitha
13	1RR16IS020	K. R. ANJALI	Anjali	Anjali	Anjali	Anjali
14	1RR16IS022	KUSUMA N	Kusuma	Kusuma	Kusuma	Kusuma
15	1RR16IS023	LAKSHMIPATHY K	Lakshmi	Lakshmi	Lakshmi	Lakshmi
16	1RR16IS024	MEGHANA G	Megha	Megha	Megha	Megha
17	1RR16IS026	MYTHRI G	Mythri	Mythri	Mythri	Mythri
18	1RR16IS027	N M CHARISHMA	Charishma	Charishma	Charishma	Charishma
19	1RR16IS028	NAMRATHA KS	Namratha	Namratha	Namratha	Namratha
20	1RR16IS029	NAMRATHA S N	Namratha	Namratha	Namratha	Namratha
21	1RR16IS030	NIDHI HEGDE	Nidhi	Nidhi	Nidhi	Nidhi
22	1RR16IS035	PUNEETH KUMAR S	Puneeth	Puneeth	Puneeth	Puneeth
23	1RR16IS036	RAJENDRA PRASAD	Rajendra	Rajendra	Rajendra	Rajendra
24	1RR16IS037	RAKSHITA AMARESH	Rakshita	Rakshita	Rakshita	Rakshita
25	1RR16IS039	SACHIN H PRAJAPATHI	Sachin	Sachin	Sachin	Sachin
26	1RR16IS041	SANJANA K	Sanjana	Sanjana	Sanjana	Sanjana
27	1RR16IS043	SEEMA K	Seema	Seema	Seema	Seema

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramchalli Cross, Bengaluru-74



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)



Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

SL NO.	USN	STUDENT NAME	5.4.2018		7.4.2018	
			F.N	A.N	F.N	A.N
29	1RR16IS046	SNEHA P H	Sneha	Sneha	Sneha	Sneha
30	1RR16IS046	SNEHA P H	Sney	Sney	Sney	Sney
31	1RR16IS047	SUHAS V	Suhas	Suhas	Suhas	Suhas
32	1RR16IS048	SUPREETHA P SHETTY	Supreetha	Supreetha	Supreetha	Supreetha
33	1RR16IS049	SUPRITHA R	Supritha	Supritha	Supritha	Supritha
34	1RR16IS050	SUPRIYA	Supriya	Supriya	Supriya	Supriya
35	1RR16IS052	VARSHA	Varsha	Varsha	Varsha	Varsha
36	1RR15IS004	ARUN KUMAR .R	Arun	Arun	Arun	Arun
37	1RR15IS041	SPOORTHI .H	Spoorthi	Spoorthi	Spoorthi	Spoorthi
38	1RR15ISO44	SUSHMITHA H.B	Sushmitha	Sushmitha	Sushmitha	Sushmitha

M. Dias

Staff Co-ordinator

Anthura
HOD - ISE 9.4.2018

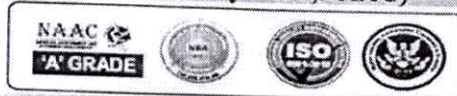
Professor & HOD
Dept. of Information Science & Engg.
Rajarajeswari College of Engineering
Bangalore - 560 074.

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



ICT ACADEMY
Innovate... Collaborate... Educate...

RAJARAJESWARI COLLEGE OF ENGINEERING
Ramohalli Cross, Kumbalgodu, Bangalore.
Ph. No :080-28437124, 28437375 Fax:080-28437373
Department of Computer Science & Engineering
(Accredited by NBA, NAAC)



Chief Patrons:

Dr. A.C. Shanmugam, B.A. LL.B, FIMSA, FRCPs
(Glasgow, U.K)
(Chairman, RR Group of Institutions)

Patrons:

Sri. A.C. S. Arunkumar
(Vice Chairman, RR Group of Institutions)

Dr. S. Vijayanand
(Executive Director, RR Group of Institutions)

Sri. S.Jeyabalan
(Special Officer, RR Group of Institutions)

Copatrons:

Dr. T.R. Gopalakrishnan Nair
(Rector, RR Group of Institutions)

Dr.T.Chandrasekar
(Principal, RRCE)

Dr. R. Balakrishna
(Dean, RRCE)

Organizing Secretary:

Dr. Usha S
(Prof. & HOD-CSE)

ICT Co-ordinator :

Mr. VM.Saravanaperumal
(Asst. Professor-CSE)

Invitation

For

14 days

**“SKILL TRAINING
IN TRENDING
TECHNOLOGY
AND SOFT
SKILLS ”**

In Association With

“ICT Academy”

(15/03/2021 To 31/03/2021)

Venue: CSE Seminar Hall

Time: 10:00 am

J. adh
Principal

**RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-71**


RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF CSE &ISE
ICT ACADEMY -CSS CORPORATION
REGISTERED STUDENTS DETAILS OFFLINE TRAINING-2021

SL NO	USN	NAME
1	IRR17CS024	Bhuvaneshwari K
2	IRR17CS011	Anjali S
3	IRR17CS028	Chandana S
4	IRR17CS026	Chandana M R
5	IRR17CS020	Bhavana K
6	IRR17CS054	Kavya k
7	IRR17CS039	Gowri b r
8	IRR17CS045	Harshitha B S
9	IRR17CS044	Harshith R
10	IRR17CS014	Apoorva Y
11	IRR17CS030	Daksha Prakash P
12	IRR17CS052	Kaveri k
13	IRR17CS055	Kavya k
14	IRR17CS029	Chidanand L
15	IRR17CS065	Lakshmi M
16	IRR17CS083	Naresh kumar
17	IRR17CS016	Ashish Prasad
18	IRR17CS114	Sachin
19	IRR17CS077	M D asif anwar
20	IRR17CS071	Mamatha c n
21	IRR17CS079	Meghana L
22	IRR17CS113	Ruma Afsha Sultana
23	IRR17CS074	Manoj K N
24	IRR17CS112	Roshini J V
25	IRR17CS096	pesala venkata harish
26	IRR18CS400	Adil rashid bhat
27	IRR17CS152	Thejaswini N
28	IRR17CS137	Soundarya N
29	IRR17CS139	Srihari U
30	IRR17CS149	Tejas S
31	IRR17CS123	Sharath C
32	IRR17CS150	Tejaswini B Matad
33	IRR17CS168	Yeshaswini N
34	IRR17CS148	Tauseef ahmad wani
35	IRR17CS129	Shivani J
36	IRR17CS138	Sourav P Kachwahe
37	IRR17CS163	Vismaya R Kishore
38	IRR17CS032	Deepthi c

J. Reddy
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramchalli Cross, Bengaluru-74

G. Indu
Professor & Head, Computer Science
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

39	IRR17CS015	Arathi r
40	IRR17CS116	Saraswathi g
41	IRR18CS401	Pallavi k r
42	IRR17CS019	Bhagyalakshmi b g
43	IRR17CS172	Rashmi j b
44	IRR18CS402	Sadhiya bhanu
45	IRR17IS026	Saima shacieff
46	IRR17IS017	Monika Singh
47	IRR17IS009	Daksha C
48	IRR17IS004	Asha M
49	IRR17IS011	Gagana K
50	IRR17IS027	Saniya Taj
51	IRR17IS041	safura alia
52	IRR17IS034	Shrusti A


 Professor & Head, Computer Science & Engineering
 RAJARAJESWARI COLLEGE OF ENGINEERING
 BENGALURU - 560 074


 Principal
 RAJARAJESWARI
 COLLEGE OF ENGINEERING
 Ramohalli Cross, Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING

14, Ramohalli cross, Mysore Road, Kumbalgodu, Bangalore-74

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



“Employability Skill Training in Trending Technology on My SQL Database& Soft skills”

1. Name of Training Program: Employability Skill Training in Trending Technology on My SQL Database & Soft skills”
2. Date : 15-03-2021 to 05-04-2021
3. Duration : 9:00 AM-4:30PM
4. Venue : Offline
5. Sponsorship(if Any) : Nil
6. Resource Persons details: Mr. Shekar Suman and Mrs. Priyadharshini
Soft skills Trainer, Technical trainer
7. Topics covered: Soft skills and Communication skills
My SQL Database
Skills required to be industry ready
Employability Skills
8. Target audience: Final year students (CSE & ISE)
9. Number of Audience: 52 Students.
10. Outcome of Training Program:

ICT Academy and CSS Corp- CSR Initiative conducted an offline Training program on Employability Skill Training in Trending Technology on My SQL Database& Soft skills for final year Engineering Graduates at RRCE on 15th March 2021 to 5th April 2021 (14 days). The programmed educated the students on the methods to improve their soft skill sets and technical program as expected by the industry and made them understand current industry trends and future of job.

Event-Coordiators

1.Mr.V M Saravana Perumal
Assistant Professor
ICT Co-ordinator
Dept of CSE
RRCE, Bangalore

2.Mrs. Suma C C
Assistant Professor
Placement Co-ordinator
Dept of CSE
RRCE,Bangalore

HOD

Professor & Head, Computer Science & Engineering
Dr. S.USHA
Professor
RAJARAJESWARI COLLEGE OF ENGINEERING
Dept of CSE
BANGALORE - 560 074
Dean Research&Innovation
RRCE,Bangalore

Attendance Sheet

Name of the College : RajaRajeswari College of Engineering, Bangalore

Note: Students should sign for Present and 'A' for Absent

S.No	Name of the Student	Start Date 15-3-2021					End Date			
		15/3 FN	15/3 AN	16/3 FN	16/3 AN	17/3 FN	18/3 FN	18/3 AN	19/3 FN	19/3 AN
1	MEGHANA L	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	ADIL RASHID BHAT	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	ASHISH PRASAD	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	KAVYA K	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	BHUVANESHWARI K	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	THEJASWINI N	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	GOWRI B R	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	LAKSHMI M	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	MAMATHA C N	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	SHARATH C	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	MD ASIF ANWAR	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	SANIYA TAJ	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	YESHASWINI N	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	TEJASWINI B MATAD	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	SOUNDARYA N	Present	Present	Present	Present	Present	Present	Present	Present	Present
16	HARSHITH R	Present	Present	Present	Present	Present	Present	Present	Present	Present
17	ANJALI S	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	ASHA M	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	CHANDANA S	Present	Present	Present	Present	Present	Present	Present	Present	Present
20	TAUSEEF AHMAD WANI	Present	Present	Present	Present	Present	Present	Present	Present	Present
21	ANKIT KUMAR	Present	Present	Present	Present	Present	Present	Present	Present	Present
22	KAVYAK / Anathi R	Present	Present	Present	Present	Present	Present	Present	Present	Present
23	KAVERIK / Deepthi C	Present	Present	Present	Present	Present	Present	Present	Present	Present
24	SRIHARI U	Present	Present	Present	Present	Present	Present	Present	Present	Present
25	NIDA SARWATH	Present	Present	Present	Present	Present	Present	Present	Present	Present
26	LAVANYA R	Present	Present	Present	Present	Present	Present	Present	Present	Present
27	DAKSHA C	Present	Present	Present	Present	Present	Present	Present	Present	Present
28	GAGANA K	Present	Present	Present	Present	Present	Present	Present	Present	Present

S.No	Name of the Student	Start Date					End Date				
		15/3 FN	15/3 AN	16/3 FN	16/3 AN	17/3 FN	18/3 FN	18/3 FN	19/3 FN	19/3 AN	19/3 AN
29	MANOJ K N	P	P	P	P	P	P	P	P	P	P
30	MONIKA SINGH	P	P	P	P	P	P	P	P	P	P
31	PALLAVI KR	P	P	P	P	P	P	P	P	P	P
32	SACHIN	P	P	P	P	P	P	P	P	P	P
33	NATESH S										
34	RUMA AFSHA SULTANA	P	P	P	P	P	P	P	P	P	P
35	SHRUSTI Kavya.k	P	P	P	P	P	P	P	P	P	P
36	SHIVANI SINGH J	P	P	P	P	P	P	P	P	P	P
37	CHANDANA M R	P	P	P	P	P	P	P	P	P	P
38	BHAVANA K	P	P	P	P	P	P	P	P	P	P
39	PESALA VENKATA HARISH	P	P	P	P	P	P	P	P	P	P
40	APOORVA Y / Bhagyalakshmi	P	P	P	P	P	P	P	P	P	P
41	APRIL APOORVA.Y	P	P	P	P	P	P	P	P	P	P
42	NARESH KUMAR	P	P	P	P	P	P	P	P	P	P
43	RASHMI J B	P	P	P	P	P	P	P	P	P	P
44	TEJAS S	P	P	P	P	P	P	P	P	P	P
45	CHIDANAND L	P	P	P	P	P	P	P	P	P	P
46	HARSHITHA B S	P	P	P	P	P	P	P	P	P	P
47	ROSHINI J V	P	P	P	P	P	P	P	P	P	P
48	DAKSHA PRAKASH	P	P	P	P	P	P	P	P	P	P
49	VISMAYA R KISHORE	P	P	P	P	P	P	P	P	P	P
50	SADIYA BANU	P	P	P	P	P	P	P	P	P	P
51	SOURAV P KACHWAHE	P	P	P	P	P	P	P	P	P	P
52	SAIMA SHARIEFF	P	P	P	P	P	P	P	P	P	P
53	Safura Aliya .	P	P	P	P	P	P	P	P	P	P
54	Saraswathi G	P	P	P	P	P	P	P	P	P	P
55	Kaveri . K	P	P	P	P	P	P	P	P	P	P
No of Hrs											
No of Students Present											
Signature of the Trainer											

Principal
RAJESHWARI
ICTA/QRS/AS/06
COLLEGE OF ENGINEERING
Bengaluru

Attendance Sheet

Name of the College : RajaRajeswari College of Engineering, Bangalore

Note: Students should sign for Present and 'A' for Absent

S.No	Name of the Student	Start Date	End Date
1	MEGHANA L	29/7	31/7
2	ADIL RASHID BHAT	29/7	31/7
3	ASHISH PRASAD	29/7	31/7
4	KAVYA K	29/7	31/7
5	BHUVANESHWARI K	29/7	31/7
6	THEJASWINI N	29/7	31/7
7	GOWRI B R	29/7	31/7
8	LAKSHMI M	29/7	31/7
9	MAMATHA C N	29/7	31/7
10	SHARATH C	29/7	31/7
11	MD ASIF ANWAR	29/7	31/7
12	SANIYA TAJ	29/7	31/7
13	YESHASWINI N	29/7	31/7
14	TEJASWINI B MATAD	29/7	31/7
15	SOUNDARYA N	29/7	31/7
16	HARSHITH R	29/7	31/7
17	ANJALI S	29/7	31/7
18	ASHA M	29/7	31/7
19	CHANDANA S	29/7	31/7
20	TAUSEEF AHMAD WANI	29/7	31/7
21	ANKIT KUMAR	29/7	31/7
22	KAVYA K	29/7	31/7
23	KAVERI R	29/7	31/7
24	SRIHARI U	29/7	31/7
25	NIDA SARWATH	29/7	31/7
26	LAVANYA R	29/7	31/7
27	DAKSHA C	29/7	31/7
28	GAGANA K	29/7	31/7
29	SARASWATHI G	29/7	31/7

G. W. S.
Professor & Head, Computer Science
RAJARAJESWARI COLLEGE OF ENGINEERING
BANGALORE - 560 074

7. 2017
RAJARAJESWARI COLLEGE OF ENGINEERING
BANGALORE - 560 074
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S.No	Name of the Student	Start Date		End Date							
		FN	PTN	30/3	31/3	31/3	31/3	1/4	1/4	3/4	3/4
29	MANOJ K N										
30	MONIKA SINGH										
31	PALLAVI KR										
32	SACHIN										
33	NATESH S										
34	RUMA AFSHA SULTANA										
35	SHRUSTI A										
36	SHIVANI SINGH J										
37	CHANDANA M R										
38	BHAVANA K										
39	PESALA VENKATA HARISH										
40	APOORVA Y										
41	ASHWINI V Bhagyalakshmi B										
42	NARESH KUMAR										
43	RASHMI J B										
44	TEJAS S										
45	CHIDANAND L										
46	HARSHITHA B S										
47	ROSHINI J V										
48	DAKSHA PRAKASH										
49	VISMAYA R KISHORE										
50	SADIYA BANU										
51	SOURAV P KACHWAHE										
52	SAIMA SHARIEFF										
	Infura Aliya										
	KAVERI K										
	KAVYA K										
No of Hrs											
No of Students Present											
Signature of the Trainer											

Professor & Head
Dept of CSE
Rajarajeswari College of Engg
Bengaluru - 74

Principal
ICTA/OPS/RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru - 74



16-17

RAJARAJESWARI COLLEGE OF ENGINEERING
RAMOHALLI CROSS, KUMBALAGODU, MYSORE ROAD,
BENGALURU-560074.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG


WORKSHOP ON: "TOUCH OF PLC IN REAL WORLD APPLICATIONS"

- **Event Duration:** 10TH MARCH 2017.
- **Venue:** Satyendranath Bose Seminar Hall.
- **Workshop Objective:** A Programmable logic controller (PLC) is a ruggedized programmable controller adopted for the control of manufacturing process such as assembly lines or robotic devices. PLC is used in any activity that requires high reliability control and ease of programming and process fault diagnosis. The Objective of the workshop is to provide awareness on programming language of a manufacturing chain, basics of ladder programming and simple structural design of logic circuits. The students are also provided with hands on training using Siemens PLC software.
- **Resource Person:**

Mr. Suhas, Esteemed Alumni 2010, Assistant Professor, Department of ECE Mechatronics, Govt Tool Room and Training Centre, Bangalore.
- **Mode of Event:** Inter College level & Intra college level
- **Target Participants:** Students of ECE, CSE, EEE, TCE & allied branches.
- **Number of students registered:** 59
- **Outcome of the workshop:**

Students have learnt about

- i) Introduction and Basics of PLC.
- ii) Programming language of a manufacturing chain.
- iii) Basics of ladder programming.
- iv) Simple structural design of logic circuits.


Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74


HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENGG
RAJARAJESWARI COLLEGE OF ENGG.
BENGALURU - 560 074

Workshop on "Touch of PLC in Real World Applications"

STUDENTS ATTENDANCE LIST

S.NO	USN	NAME	MORNING SESSION	AFTERNOON SESSION
1	IRR14EC002	Akshata S	Akshata S	Akshata S
2	IRR14EC006	Anusha R	Anusha R	Anusha R
3	IRR14EC007	Apoorva N Raykar	Apoorva N Raykar	Apoorva N Raykar
4	IRR14EC009	Archana T M	Archana T.M	Archana T.M
5	IRR14EC010	Arpitha E	Arpitha E	Arpitha E
6	IRR14EC017	B Deekshitha	B Deekshitha	B Deekshitha
7	IRR14EC019	Bhagya C	Bhagya C	Bhagya C
8	IRR14EC020	Bharath M	Bharath M	Bharath M
9	IRR14EC021	Bhavana T Petkar	Bhavana	Bhavana
10	IRR14EC022	Bindu R	Bindu R	Bindu R
11	IRR14EC024	Chandana G	Chandana G	Chandana G
12	IRR14EC025	Chandana R P	Chandana R.P.	Chandana R.P.
13	IRR14EC026	Chandrasagar S	Chandra	Chandra
14	IRR14EC028	Dayakar..V		
15	IRR14EC029	Deepak Raj K R	Deepak Raj K R	Deepak Raj K R
16	IRR14EC030	Deepak N V	Deepak N V	Deepak N V
17	IRR14EC031	Deepashree V A	Deepashree V A	Deepashree V A
18	IRR14EC032	Deepika B	Deepika B	Deepika B
19	IRR14EC037	Gagan T K	Gagan T K	Gagan T K
20	IRR14EC039	Gnanamanjari S	Gnanamanjari S	Gnanamanjari S
21	IRR14EC041	Harshitha T N	Harshitha T N	Harshitha T N
22	IRR14EC045	Kumudha B S	Kumudha B S	Kumudha B S
23	IRR14EC046	Kushal chakravarthy	Kushal chakravarthy	Kushal chakravarthy
24	IRR14EC047	Lakshmi E	Lakshmi E	Lakshmi E
25	IRR14EC050	Madhu. B	Madhu B	Madhu B
26	IRR14EC052	Madhushree B J	Madhushree B J	Madhushree B J
27	IRR14EC053	Mallikarjuna C S	Mallikarjuna C S	Mallikarjuna C S
28	IRR14EC056	Monisha G M	Monisha G M	Monisha G M
29	IRR14EC057	Nanda A	Nanda A	Nanda A
30	IRR14EC058	Navya T N	Navya T N	Navya T N
31	IRR14EC059	Nayan V	Nayan V	Nayan V

J. adl
 Principal
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 BENGALURU - 560 074

32	IRR14EC060	Nisarga S	Nisarga S	Nisarga S
33	IRR14EC065	Pooja S N	Pooja S.N	Pooja S.N
34	IRR14EC068	Prarthana D Raja	prarthana	prarthana.
35	IRR14EC071	Preethi Kumari	Preethi	Preethi
36	IRR14EC072	Pushpa Lekha Nag D	Pushpa	Pushpa
37	IRR14EC074	Rashmi N	Rashmi N	Rashmi N
38	IRR14EC075	Rashmi R Kamadinni	Rashmi	Rashmi
39	IRR14EC080	Shilpa Nanda N	Shilpa	Shilpa
40	IRR14EC081	Shilpashree K	Shilpa	Shilpa
41	IRR14EC082	Shubhprada S	Shubhprada	Shubhprada
42	IRR14EC084	Sindhu R P	Sindhu	Sindhu
43	IRR14EC085	Sindhu S	Sindhu	Sindhu
44	IRR14EC086	Spurthi T M	Spurthi	Spurthi
45	IRR14EC087	Sudeepa K R	Sudeepa	Sudeepa
46	IRR14EC091	Vidya M	Vidya	Vidya
47	IRR15EC401	Bhagyashree A N	Bhagyashree	Bhagyashree
48	IRR15EC409	Namratha P.S	Namratha	Namratha
49	IRR15EC419	T. Subramanayam	T. Subramanayam	T. Subramanayam
50	IRR13EC047	P S Sai Sumana	P S Sai Sumana	P S Sai Sumana
51	IRR13EC055	Priyanka C	Priyanka	Priyanka
52	IRR14EC400	Aishwarya R.B	Aishwarya	Aishwarya
53	IRR14EC417	Shwetha P	Shwetha P	Shwetha P
54	IRR14EC413	Rajendra V. Ilager	R.V. Ilager	R.V. Ilager
55	IRR14EC421	Vasudev	Vasudev	Vasudev
56	IRR14EC422	Vidyashree Hiremath	V.C. Hiremath	V.C. Hiremath
57	IRR13EC027	J. Meghana	J. Meghana	J. Meghana
58	IRR15EC402	Dhanushree	Dhanushree V.	Dhanushree V.
59	IRR13EC002	Aishwarya C	Aishwarya	Aishwarya

S.NO	COLLEGE NAME	NAME	MORNING SESSION	AFTERNOON SESSION
1	EWCE, Bangalore	Prof. Hamsalekha N.P	Hamsalekha N.P.	Hamsalekha N.P.

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-70

Organizing Secretary

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BANGALORE - 560 074

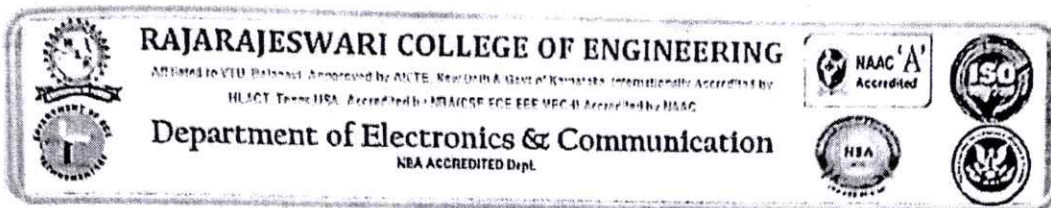


Skill Development Program on "Product Design using Board Level Approach"

- **Date:** 23rd and 26th September 2017
7th, 12th and 26th October
- **Resource Persons:** 1) Mr. Karunakar, Funded Director, SchemaZen Technologies Pvt. Ltd., Bengaluru
2) Mr. Lakshmi Narasimha I.N, Business development Manager-Technical,
SchemaZen Technologies Pvt. Ltd., Bengaluru
- **Venue:** Dr. A.P. J. Abdul Kalam Hall, RRCE, Bengaluru
- **No. of Students enrolled:** 100
- **Target Participants:** 7th Semester students of ECE are invited to Participate
- **SDP details :**
 - Introduction to Hardware Board Design
 - Working on ARM9 processors
 - Product Design Document Creation
 - Hands on Working using Cadence Orcad and Allegro
 - Project Block diagram
 - Selection of Processors , Components , Connectors for the project
 - Library Creation , Schematics drawing Schematics BOM , Netlist
 - Schematics Verification , PCB Footprint Creation, PCB Placement deep dive
 - Introduction to PCB Assembly and HW Testing of the Boards, Working on ATMEL Based Projects , Raspberry PI

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BENGALURU - 530 074



**Skill Development Programme on
product design using Board Level Approach**

7TH SEM

23/9/2017

Sl no	Name	USN	Sign	Sl no	Name	USN	Sign
1	A Nikshep Prasad	1RR14EC001	A	57	Rashmi N	1RR14EC074	Rashmi
2	Akshata S	1RR14EC002	Akshata	58	Rashmi R Kamadinni	1RR14EC075	Rashmi
3	Akshay Kumar V M	1RR14EC004	Akshay	59	Samreenunnisa	1RR14EC076	Samreen
4	Akshitha S	1RR14EC005	Akshitha	60	Sanjana R H	1RR14EC077	Sanjana
5	Anusha R	1RR14EC006	Anusha	61	Sathvik S M	1RR14EC078	Sathvik
6	Apoorva N Raykar	1RR14EC007	Apoorva	62	Shilpa Nanda N	1RR14EC080	Shilpa
7	Apoorva R	1RR14EC008	Apoorva	63	Shilpashree K	1RR14EC081	Shilpashree
8	Archana T M	1RR14EC009	Archana	64	Shubhprada S	1RR14EC082	Shubhprada
9	Arpitha E	1RR14EC010	Arpitha	65	Sindhu R P	1RR14EC084	Sindhu
10	Arunkumar S	1RR14EC012	Arunkumar	66	Sindhu S	1RR14EC085	Sindhu
11	Ashwini L	1RR14EC013	Ashwini	67	Spurthi T M	1RR14EC086	Spurthi
12	Asma Ahmed	1RR14EC014	Asma	68	Sudeepa K R	1RR14EC087	Sudeepa
13	Ayushrathod	1RR14EC015	Ayush	69	Surya Kumar M S R	1RR14EC089	Surya
14	Ayush Yadav	1RR14EC016	Ayush	70	Syed Rumansa	1RR14EC090	Syed
15	B Deekshitha	1RR14EC017	B Deekshitha	71	Vidya M	1RR14EC091	Vidya
16	Bhagya C	1RR14EC019	Bhagya	72	Vitthalshivanandjambagi	1RR14EC094	Vitthalshivanandjambagi
17	Bharath M	1RR14EC020	Bharath	73	Bhagyashree A N	1RR15EC401	Bhagyashree
18	Bhavana T Petkar	1RR14EC021	Bhavana	74	Dhanushree V	1RR15EC402	Dhanushree
19	Bindu R	1RR14EC022	Bindu	75	Divyashree G	1RR15EC403	Divyashree
20	C.R.Dileep	1RR14EC023	C.R.Dileep	76	Nandini K T	1RR15EC410	Nandini
21	Chandana G	1RR14EC024	Chandana	77	Ranjan D	1RR15EC413	Ranjan
22	Chandana R P	1RR14EC025	Chandana	78	Sarika S.P	1RR15EC415	Sarika
23	Chandrasagar S	1RR14EC026	Chandrasagar	79	Shilpa Rani	1RR15EC416	Shilpa
24	Dayakar..V	1RR14EC028	Dayakar	80	Srinath S	1RR15EC418	Srinath
25	Deepak Raj K R	1RR14EC029	Deepak	81	Arshad K P	1RR12EC008	Arshad
26	Deepak N V	1RR14EC030	Deepak	82	Goverdhan G	1RR13EC018	Goverdhan
27	Deepashree V A	1RR14EC031	Deepashree	83	Meghana J	1RR13EC027	Meghana
28	Deepika B	1RR14EC032	Deepika	84	P S Sai Sumana	1RR13EC047	P S Sai Sumana
29	Dhanush S	1RR14EC034	Dhanush	85	Priyanka.C	1RR13EC055	Priyanka
30	Gagan T K	1RR14EC037	Gagan	86	Ramya G	1RR13EC063	Ramya
31	Gnanamanjari S	1RR14EC039	Gnanamanjari	87	Triveni M	1RR13EC092	Triveni
32	Harshitha Diwakara	1RR14EC040	Harshitha	88	Jeevan Kumar G	1RR14EC408	Jeevan
33	Harshitha T N	1RR14EC041	Harshitha	89	Shwetha P	1RR14EC417	Shwetha

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**Skill Development Programme on
product design using Board Level Approach**

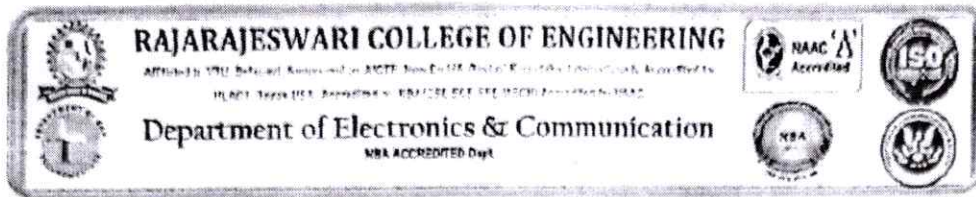
7TH SEM

Sl no	Name	USN	Sign
1	A Nikshep Prasad	1RR14EC001	<i>[Signature]</i>
2	Akshata S	1RR14EC002	<i>[Signature]</i>
3	Akshay Kumar V M	1RR14EC004	<i>[Signature]</i>
4	Akshitha S	1RR14EC005	<i>[Signature]</i>
5	Anusha R	1RR14EC006	<i>[Signature]</i>
6	Apoorva N Raykar	1RR14EC007	<i>[Signature]</i>
7	Apoorva R	1RR14EC008	<i>[Signature]</i>
8	Archana T M	1RR14EC009	<i>[Signature]</i>
9	Arpitha E	1RR14EC010	<i>[Signature]</i>
10	Arun Kumar S	1RR14EC012	<i>[Signature]</i>
11	Ashwini L	1RR14EC013	<i>[Signature]</i>
12	Asma Ahmed	1RR14EC014	<i>[Signature]</i>
13	Ayush Rathod	1RR14EC015	<i>[Signature]</i>
14	Ayush Yadav	1RR14EC016	<i>[Signature]</i>
15	B Deekshitha	1RR14EC017	<i>[Signature]</i>
16	Bhagya C	1RR14EC019	<i>[Signature]</i>
17	Bharath M	1RR14EC020	<i>[Signature]</i>
18	Bhavana T Petkar	1RR14EC021	<i>[Signature]</i>
19	Bindu R	1RR14EC022	<i>[Signature]</i>
20	C.R.Dileep	1RR14EC023	<i>[Signature]</i>
21	Chandana G	1RR14EC024	<i>[Signature]</i>
22	Chandana R P	1RR14EC025	<i>[Signature]</i>
23	Chandrasagar S	1RR14EC026	<i>[Signature]</i>
24	Dayakar..V	1RR14EC028	<i>[Signature]</i>
25	Deepak Raj K R	1RR14EC029	<i>[Signature]</i>
26	Deepak N V	1RR14EC030	<i>[Signature]</i>
27	Deepashree V A	1RR14EC031	<i>[Signature]</i>
28	Deepika B	1RR14EC032	<i>[Signature]</i>
29	Dhanush S	1RR14EC034	<i>[Signature]</i>
30	Gagan T K	1RR14EC037	<i>[Signature]</i>
31	Gnanamanjari S	1RR14EC039	<i>[Signature]</i>
32	Harshitha Diwakara	1RR14EC040	<i>[Signature]</i>
33	Harshitha T N	1RR14EC041	<i>[Signature]</i>
34	Harshitha S	1RR14EC042	<i>[Signature]</i>
35	Kavya S	1RR14EC044	<i>[Signature]</i>
36	Kumudha B S	1RR14EC045	<i>[Signature]</i>

12/10/2017

Sl no	Name	USN	Sign
57	Rashmi N	1RR14EC074	<i>[Signature]</i>
58	Rashmi R Kamadinni	1RR14EC075	<i>[Signature]</i>
59	Samreenunnisa	1RR14EC076	<i>[Signature]</i>
60	Sanjana R H	1RR14EC077	<i>[Signature]</i>
61	Sathvik S M	1RR14EC078	<i>[Signature]</i>
62	Shilpa Nanda N	1RR14EC080	<i>[Signature]</i>
63	Shilpashree K	1RR14EC081	<i>[Signature]</i>
64	Shubhaprada S	1RR14EC082	<i>[Signature]</i>
65	Sindhu R P	1RR14EC084	<i>[Signature]</i>
66	Sindhu S	1RR14EC085	<i>[Signature]</i>
67	Spurthi T M	1RR14EC086	<i>[Signature]</i>
68	Sudeepa K R	1RR14EC087	<i>[Signature]</i>
69	Surya Kumar M S R	1RR14EC089	<i>[Signature]</i>
70	Syed Rumansa	1RR14EC090	<i>[Signature]</i>
71	Vidya M	1RR14EC091	<i>[Signature]</i>
72	Vitthalshivanandjambag	1RR14EC094	<i>[Signature]</i>
73	Bhagyashree A N	1RR15EC401	<i>[Signature]</i>
74	Dhanushree V	1RR15EC402	<i>[Signature]</i>
75	Divyashree G	1RR15EC403	<i>[Signature]</i>
76	Nandini K T	1RR15EC410	<i>[Signature]</i>
77	Ranjan D	1RR15EC413	<i>[Signature]</i>
78	Sarika S.P	1RR15EC415	<i>[Signature]</i>
79	Shilpa Rani	1RR15EC416	<i>[Signature]</i>
80	Srinath S	1RR15EC418	<i>[Signature]</i>
81	Arshad K P	1RR12EC008	<i>[Signature]</i>
82	Goverdhan G	1RR13EC018	<i>[Signature]</i>
83	Meghana J	1RR13EC027	<i>[Signature]</i>
84	P S Sai Sumana	1RR13EC047	<i>[Signature]</i>
85	Priyanka.C	1RR13EC055	<i>[Signature]</i>
86	Ramya G	1RR13EC063	<i>[Signature]</i>
87	Triveni M	1RR13EC092	<i>[Signature]</i>
88	Jeevan Kumar G	1RR14EC408	<i>[Signature]</i>
89	Shwetha P	1RR14EC417	<i>[Signature]</i>

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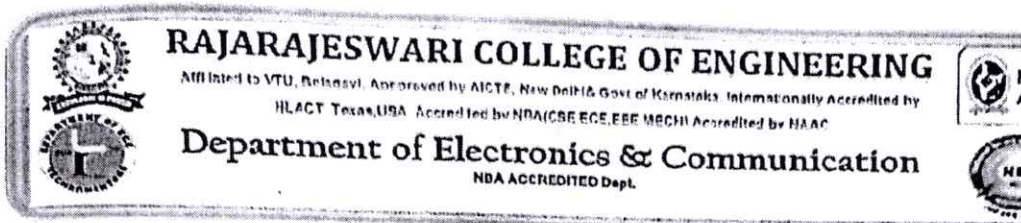
**Skill Development Programme on
product design using Board Level Approach**

7TH SEM

26/10/2017

Sl no	Name	USN	Sign	Sl no	Name	USN	Sign
1	A Nikshep Prasad	1RR14EC001	Asht	57	Rashmi N	1RR14EC074	Rashmi N
2	Akshata S	1RR14EC002	Akshata	58	Rashmi R Kamadinni	1RR14EC075	AB
3	Akshay Kumar V M	1RR14EC004	Akshay	59	Samreenunnisa	1RR14EC076	Samreen
4	Akshitha S	1RR14EC005	Akshitha	60	Sanjana R H	1RR14EC077	Sanjana
5	Anusha R	1RR14EC006	Anusha	61	Sathvik S M	1RR14EC078	Sathvik
6	Apoorva N Raykar	1RR14EC007	Apoorva	62	Shilpa Nanda N	1RR14EC080	Shilpa
7	Apoorva R	1RR14EC008	Apoorva	63	Shilpashree K	1RR14EC081	Shilpa
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9	Arpitha E	1RR14EC010	Arpitha	65	Sindhu R P	1RR14EC084	Sindhu
10	Arunkumar S	1RR14EC012	Arunkumar	66	Sindhu S	1RR14EC085	AB
11	Ashwini L	1RR14EC013	Ashwini	67	Spurthi T M	1RR14EC086	Spurthi
12	Asma Ahmed	1RR14EC014	Asma	68	Sudeepa K R	1RR14EC087	Sudeepa
13	Ayushrathod	1RR14EC015	Ayush	69	Surya Kumar M S R	1RR14EC089	Surya
14	Ayush Yadav	1RR14EC016	Ayush	70	Syed Rumansa	1RR14EC090	Syed
15	B Deekshitha	1RR14EC017	Deekshitha	71	Vidya M	1RR14EC091	Vidya M
16	Bhagya C	1RR14EC019	Bhagya	72	Vitthalshivanandjambagi	1RR14EC094	Vitthal
17	Bharath M	1RR14EC020	Bharath	73	Bhagyashree A N	1RR15EC401	Bhagya
18	Bhavana T Petkar	1RR14EC021	Bhavana	74	Dhanushree V	1RR15EC402	Dhanush
19	Bindu R	1RR14EC022	Bindu	75	Divyashree G	1RR15EC403	Divya
20	C.R.Dileep	1RR14EC023	C.R.Dileep	76	Nandini K T	1RR15EC410	Nandini
21	Chandana G	1RR14EC024	Chandana	77	Ranjan D	1RR15EC413	Ranjan
22	Chandana R P	1RR14EC025	Chandana	78	Sarika S.P	1RR15EC415	Sarika
23	Chandrasagar S	1RR14EC026	Chandrasagar	79	Shilpa Rani	1RR15EC416	Shilpa
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32	Harshitha Diwakara	1RR14EC040	Harshitha	88	Jeevan Kumar G	1RR14EC408	Jeevan
33	Harshitha T N	1RR14EC041	Harshitha	89	Shwetha P	1RR14EC417	AB
34	Harshitha S	1RR14EC042	Harshitha				
35	Kavya S	1RR14EC044	AB				
36	Kumudha B S	1RR14EC045	Kumudha				
37	Lakshmi E	1RR14EC047	Lakshmi				
38	Madhu. B	1RR14EC050	Madhu				
39	Madhura H N	1RR14EC051	Madhura				

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BELLARY - 560 074



Skill Development Programme on product design using Board Level Approach

7TH SEM

26/9/2017


Sl no	Name	USN	Sign
1	A Nikshep Prasad	1RR14EC001	<i>A. Nikshep</i>
2	Akshata S	1RR14EC002	<i>Akshata</i>
3	Akshay Kumar V M	1RR14EC004	<i>Akshay</i>
4	Akshitha S	1RR14EC005	<i>Akshitha</i>
5	Anusha R	1RR14EC006	<i>Anusha</i>
6	Apoorva N Raykar	1RR14EC007	<i>Apoorva</i>
7	Apoorva R	1RR14EC008	<i>Apoorva</i>
8	Archana T M	1RR14EC009	<i>Archana</i>
9	Arpitha E	1RR14EC010	<i>Arpitha</i>
10	Arunkumar S	1RR14EC012	<i>Arunkumar</i>
11	Ashwini L	1RR14EC013	<i>Ashwini</i>
12	Asma Ahmed	1RR14EC014	<i>Asma</i>
13	Ayushrathod	1RR14EC015	<i>Ayushrathod</i>
14	Ayush Yadav	1RR14EC016	<i>Ayush</i>
15	B Deekshitha	1RR14EC017	<i>B Deekshitha</i>
16	Bhagya C	1RR14EC019	<i>Bhagya</i>
17	Bharath M	1RR14EC020	<i>Bharath</i>
18	Bhavana T Petkar	1RR14EC021	<i>Bhavana</i>
19	Bindu R	1RR14EC022	<i>Bindu</i>
20	C.R.Dileep	1RR14EC023	<i>C.R.Dileep</i>
21	Chandana G	1RR14EC024	<i>Chandana</i>
22	Chandana R P	1RR14EC025	<i>Chandana</i>
23	Chandrasagar S	1RR14EC026	<i>Chandrasagar</i>
24	Dayakar..V	1RR14EC028	<i>Dayakar</i>
25	Deepak Raj K R	1RR14EC029	<i>Deepak</i>
26	Deepak N V	1RR14EC030	<i>Deepak</i>
27	Deepashree V A	1RR14EC031	<i>Deepashree</i>
28	Deepika B	1RR14EC032	<i>Deepika</i>
29	Dhanush S	1RR14EC034	<i>Dhanush</i>
30	Gagan T K	1RR14EC037	<i>Gagan</i>
31	Gnanamanjari S	1RR14EC039	<i>Gnanamanjari</i>
32	Harshitha Diwakara	1RR14EC040	<i>Harshitha</i>
33	Harshitha T N	1RR14EC041	<i>Harshitha</i>
34	Harshitha S	1RR14EC042	<i>Harshitha</i>
35	Kavya S	1RR14EC044	<i>Kavya</i>
36	Kumudha B S	1RR14EC045	<i>Kumudha</i>

Sl no	Name	USN
57	Rashmi N	1RR14EC074
58	Rashmi R Kamadinni	1RR14EC075
59	Samreenunnisa	1RR14EC076
60	Sanjana R H	1RR14EC077
61	Sathvik S M	1RR14EC078
62	Shilpa Nanda N	1RR14EC080
63	Shilpashree K	1RR14EC081
64	Shubhaprada S	1RR14EC082
65	Sindhu R P	1RR14EC084
66	Sindhu S	1RR14EC085
67	Spurthi T M	1RR14EC086
68	Sudeepa K R	1RR14EC087
69	Surya Kumar M S R	1RR14EC089
70	Syed Rumansa	1RR14EC090
71	Vidya M	1RR14EC091
72	Vitthalshivanandjambagi	1RR14EC094
73	Bhagyashree A N	1RR15EC401
74	Dhanushree V	1RR15EC402
75	Divyashree G	1RR15EC403
76	Nandini K T	1RR15EC410
77	Ranjan D	1RR15EC413
78	Sarika S.P	1RR15EC415
79	Shilpa Rani	1RR15EC416
80	Srinath S	1RR15EC418
81	Arshad K P	1RR12EC008
82	Goverdhan G	1RR13EC018
83	Meghana J	1RR13EC027
84	P S Sai Sumana	1RR13EC047
85	Priyanka.C	1RR13EC055
86	Ramya G	1RR13EC063
87	Triveni M	1RR13EC092
88	Jeevan Kumar G	1RR14EC408
89	Shwetha P	1RR14EC417

Rashmi
AB
AB
Samreen
AB
Shilpa
Shilpashree
Shubhaprada
Sindhu
AB
Spurthi
Sudeepa
Sugya
Syed
Vidya
Vitthal
Bhagyashree
Dhanush
Divyashree
Nandini
Ranjan
Sarika
Shilpa
Srinath
Arshad
Goverdhan
Megha
P.S. Sai
Priyanka
Ramya
Triveni
Jeevan
Shwetha

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Department of Electronics & Communication

NBA ACCREDITED Dept.

**Skill Development Programme on
product design using Board Level Approach**

7TH SEM

7/10/2017

Sl no	Name	USN	Sign
1	A Nikshep Prasad	1RR14EC001	<i>[Signature]</i>
2	Akshata S	1RR14EC002	<i>[Signature]</i>
3	Akshay Kumar V M	1RR14EC004	<i>[Signature]</i>
4	Akshitha S	1RR14EC005	<i>[Signature]</i>
5	Anusha R	1RR14EC006	<i>[Signature]</i>
6	Apoorva N Raykar	1RR14EC007	<i>[Signature]</i>
7	Apoorva R	1RR14EC008	<i>[Signature]</i>
8	Archana T M	1RR14EC009	<i>[Signature]</i>
9	Arpitha E	1RR14EC010	<i>[Signature]</i>
10	Arunkumar S	1RR14EC012	<i>[Signature]</i>
11	Ashwini L	1RR14EC013	<i>[Signature]</i>
12	Asma Ahmed	1RR14EC014	<i>[Signature]</i>
13	Ayushrathod	1RR14EC015	<i>[Signature]</i>
14	Ayush Yadav	1RR14EC016	<i>[Signature]</i>
15	B Deekshitha	1RR14EC017	<i>[Signature]</i>
16	Bhagya C	1RR14EC019	<i>[Signature]</i>
17	Bharath M	1RR14EC020	<i>[Signature]</i>
18	Bhavana T Petkar	1RR14EC021	<i>[Signature]</i>
19	Bindu R	1RR14EC022	<i>[Signature]</i>
20	C.R.Dileep	1RR14EC023	<i>[Signature]</i>
21	Chandana G	1RR14EC024	<i>[Signature]</i>
22	Chandana R P	1RR14EC025	<i>[Signature]</i>
23	Chandrasagar S	1RR14EC026	<i>[Signature]</i>
24	Dayakar..V	1RR14EC028	<i>[Signature]</i>
25	Deepak Raj K R	1RR14EC029	<i>[Signature]</i>
26	Deepak N V	1RR14EC030	<i>[Signature]</i>
27	Deepashree V A	1RR14EC031	<i>[Signature]</i>
28	Deepika B	1RR14EC032	<i>[Signature]</i>
29	Dhanush S	1RR14EC034	<i>[Signature]</i>
30	Gagan T K	1RR14EC037	<i>[Signature]</i>
31	Gnanamanjari S	1RR14EC039	<i>[Signature]</i>
32	Harshitha Diwakara	1RR14EC040	<i>[Signature]</i>
33	Harshitha T N	1RR14EC041	<i>[Signature]</i>
34	Harshitha S	1RR14EC042	<i>[Signature]</i>
35	Kavya S	1RR14EC044	<i>[Signature]</i>
36	Kumudha B S	1RR14EC045	<i>[Signature]</i>
37	Lakshmi E	1RR14EC047	<i>[Signature]</i>
38	Madhu. B	1RR14EC050	<i>[Signature]</i>
39	Madhura H N	1RR14EC051	<i>[Signature]</i>

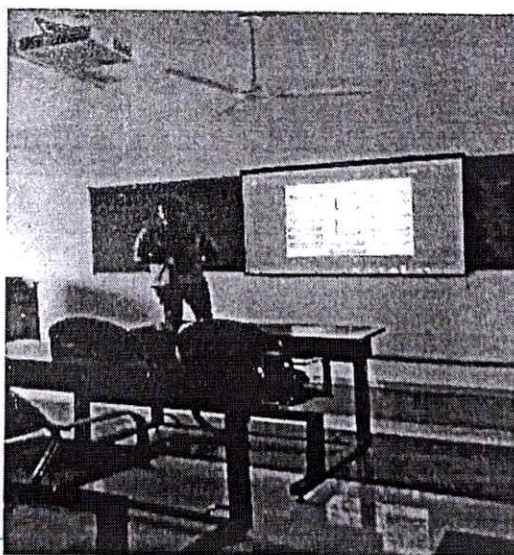
Sl no	Name	USN	Sign
57	Rashmi N	1RR14EC074	<i>[Signature]</i>
58	Rashmi R Kamadinni	1RR14EC075	<i>[Signature]</i>
59	Samreenunnisa	1RR14EC076	<i>[Signature]</i>
60	Sanjana R H	1RR14EC077	<i>[Signature]</i>
61	Sathvik S M	1RR14EC078	<i>[Signature]</i>
62	Shilpa Nanda N	1RR14EC080	<i>[Signature]</i>
63	Shilpashree K	1RR14EC081	<i>[Signature]</i>
64	Shubhaprada S	1RR14EC082	<i>[Signature]</i>
65	Sindhu R P	1RR14EC084	<i>[Signature]</i>
66	Sindhu S	1RR14EC085	<i>[Signature]</i>
67	Spurthi T M	1RR14EC086	<i>[Signature]</i>
68	Sudeepa K R	1RR14EC087	<i>[Signature]</i>
69	Surya Kumar M S R	1RR14EC089	<i>[Signature]</i>
70	Syed Rumansa	1RR14EC090	<i>[Signature]</i>
71	Vidya M	1RR14EC091	<i>[Signature]</i>
72	Vitthalshivanandjambag	1RR14EC094	<i>[Signature]</i>
73	Bhagyashree A N	1RR15EC401	<i>[Signature]</i>
74	Dhanushree V	1RR15EC402	<i>[Signature]</i>
75	Divyashree G	1RR15EC403	<i>[Signature]</i>
76	Nandini K T	1RR15EC410	<i>[Signature]</i>
77	Ranjan D	1RR15EC413	<i>[Signature]</i>
78	Sarika S.P	1RR15EC415	<i>[Signature]</i>
79	Shilpa Rani	1RR15EC416	<i>[Signature]</i>
80	Srinath S	1RR15EC418	<i>[Signature]</i>
81	Arshad K P	1RR12EC008	<i>[Signature]</i>
82	Goverdhan G	1RR13EC018	<i>[Signature]</i>
83	Meghana J	1RR13EC027	<i>[Signature]</i>
84	P S Sai Sumana	1RR13EC047	<i>[Signature]</i>
85	Priyanka.C	1RR13EC055	<i>[Signature]</i>
86	Ramya G	1RR13EC063	<i>[Signature]</i>
87	Triveni M	1RR13EC092	<i>[Signature]</i>
88	Jeevan Kumar G	1RR14EC408	<i>[Signature]</i>
89	Shwetha P	1RR14EC417	<i>[Signature]</i>

PROFESSOR & HEAD
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 RAJARAJESWARI COLLEGE OF ENGG.
 BENGALURU - 560 074
 TEL: 080-2600074



Skill Development Program on "Projects for beginners from concepts to implementation using open hardware"

- **Date:** 19th August and 28th October 2017
- **Resource Person:** G Prashanth Reddy, Team leader, Intel India, Bangalore
- **Venue:** Dr. A.P. J. Abdul Kalam Hall, RRCE, Bengaluru
- **No. of Students enrolled:** 100
- **Target Participants:** 3rd Semester students of ECE are invited to Participate



J. Reddy
 Principal
 RAJARAJESWARI
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 Ramohalli Cross, Bengaluru-74

C. R. Reddy
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 RAJARAJESWARI COLLEGE OF ENGG.
 BENGALURU - 560 074

Skill Development Programme on
Project For Beginners from Concepts to Implementation using Open Hardware
3rd sem

19/8/2017

Sl no	Name	USN	Sign	Sl no	Name	USN	Sign
1	Aishwarva N.S	1RR15EC002	Aishwarva	57	S.Nithish Reddy	1RR15EC064	S.Nithish
2	Aishwarva B. Nadageri	1RR15EC003	Aishwarva	58	Niveditha. M	1RR15EC065	Niveditha
3	Akash P	1RR15EC004	Akash	59	Pooja. B.J	1RR15EC066	Pooja
4	Apoorva Hegde	1RR15EC005	Apoorva	60	Pooja. S.S	1RR15EC067	Pooja
5	Arya S Das	1RR15EC006	Arya	61	Prabhanjan. R	1RR15EC068	Prabhanjan
6	Aswini. J	1RR15EC007	Aswini	62	Pragathi. P	1RR15EC069	Pragathi
7	Ranjana.B	1RR15EC008	Ranjana	63	Prajwal. P	1RR15EC070	Prajwal
8	Balasubramanian. D	1RR15EC009	Balasubramanian	64	Prathap Kumar K.B	1RR15EC071	Prathap
9	Bharath Yadav. B.S	1RR15EC010	Bharath	65	Priyanka. B.U	1RR15EC073	Priyanka
10	Bhumika. M	1RR15EC011	Bhumika	66	Priyanka. T. Petkar	1RR15EC074	Priyanka
11	Chaitra.N	1RR15EC013	Chaitra	67	Tilak. R	1RR15EC075	Tilak
12	Chandan J.V	1RR15EC014	Chandan	68	Rashmitha. S	1RR15EC076	Rashmitha
13	Chethan Kumar A D	1RR15EC015	Chethan	69	Revathi. S	1RR15EC077	Revathi
14	Chethan.N	1RR15EC017	Chethan	70	Roshan Anthon Pereira	1RR15EC078	Roshan
15	Chinmayee M.R	1RR15EC018	Chinmayee	71	Ruchitha Kumar	1RR15EC079	Ruchitha
16	R.Chitra	1RR15EC019	R.Chitra	72	S. Kruthika Kumari	1RR15EC080	S. Kruthika
17	Deepika. G	1RR15EC020	Deepika	73	Saki Banda Ravali	1RR15EC081	Saki
18	Devaraj. K	1RR15EC021	Devaraj	74	Sanjay. R	1RR15EC082	Sanjay
19	Dharini.S.K	1RR15EC022	Dharini	75	Sharath.G	1RR15EC083	Sharath
20	Fazil S	1RR15EC023	Fazil	76	Shilpavasunaik	1RR15EC084	Shilpa
21	Gagan. K.C	1RR15EC024	Gagan	77	Sushmitha. S	1RR15EC086	Sushmitha
22	Gopi.K	1RR15EC025	Gopi	78	Tanuja. A.N	1RR15EC087	Tanuja
23	Gouthami. G	1RR15EC026	Gouthami	79	Tejaswini.S	1RR15EC088	Tejaswini
24	Guruprasad B R	1RR15EC027	Guruprasad	80	Vaibhav Sowchi	1RR15EC089	Vaibhav
25	Harshitha.C	1RR15EC030	Harshitha	81	Varun C.N	1RR15EC090	Varun
26	Harshitha.R	1RR15EC031	Harshitha	82	Varun Kumar. S.L	1RR15EC091	Varun
27	Harshitha. S	1RR15EC033	Harshitha	83	Vasant Shambanna Bhovivadar	1RR15EC092	Vasant
28	Hitha. R	1RR15EC034	Hitha	84	Vijetha Shravya	1RR15EC094	Vijetha
29	Indudhar. B.K	1RR15EC035	Indudhar	85	Vipin Padman. M	1RR15EC095	Vipin
30	Jyothi	1RR15EC036	Jyothi	86	Vybhav Gowda. B.S	1RR15EC096	Vybhav
31	Jyoti Revansiddappa Kallur	1RR15EC037	Jyoti	87	Yashas. S	1RR15EC097	Yashas
32	K.S.Nithin	1RR15EC038	K.S.Nithin	88	Adarsh G N	1RR16EC400	Adarsh
33	Karthik.V	1RR15EC039	Karthik	89	Bharath A R	1RR16EC401	Bharath
34	Kavya.S	1RR15EC040	Kavya	90	Chennabasavanagoudapatil	1RR16EC402	Chennabasava
35	Kiran Kumar N S	1RR15EC041	Kiran	91	Deepika G V	1RR16EC403	Deepika
36	Kishore Kumar. M	1RR15EC042	Kishore	92	Divakar Reddy B	1RR16EC404	Divakar
37	Latha. R.E	1RR15EC043	Latha	93	Harsha Vardhan V K	1RR16EC405	Harsha
38	Lavanya.B	1RR15EC044	Lavanya	94	Manohara K	1RR16EC406	Manohara
39	Likitha. S	1RR15EC045	Likitha	95	Manoj K	1RR16EC407	Manoj
40	Manoj.S	1RR15EC047	Manoj	96	Meghashree C	1RR16EC408	Meghashree
41	Meenakshi. K	1RR15EC048	Meenakshi	97	Meghana K	1RR16EC409	Meghana
42	Meghana.S	1RR15EC049	Meghana	98	Nehith N	1RR16EC412	Nehith
43	Meghana S	1RR15EC050	Megha	99	Prakash Hegde	1RR16EC413	Prakash
44	Mohammad Afridi	1RR15EC051	Mohammad	100	Prema H A	1RR16EC414	Prema
45	Mohammed Sanaulla Khan	1RR15EC052	Mohammed	101	Prithvi Raj G S	1RR16EC415	Prithvi
46	Monica.B	1RR15EC053	Monica	102	Punith N	1RR16EC416	Punith
47	N Kiran kumar	1RR15EC054	N.Kiran	103	Radhika S	1RR16EC417	Radhika
48	Nadiya.M	1RR15EC055	Nadiya	104	Rakesh L	1RR16EC418	Rakesh
49	Nagadhar Sai Kanderi	1RR15EC056	Nagadhar	105	Ramya N	1RR16EC419	Ramya
50	Navya. J	1RR15EC057	Navya	106	Ranjitha R	1RR16EC420	Ranjitha
51	Navyashree.N.Rai	1RR15EC058	Navya	107	Reshma	1RR16EC421	Reshma
52	Nayana. T.M	1RR15EC059	Nayana	108	Sanjay Kumar L	1RR16EC422	Sanjay
53	Nikitha. S. Shetty	1RR15EC060	Nikitha	109	Sharath Kumar S R	1RR16EC423	Sharath
54	Niriksha. P	1RR15EC061	Niriksha	110	Shoba N	1RR16EC424	Shoba
55	Nishigandha J S	1RR15EC062	Nishigandha	111	Siddalingesha S Karikanti	1RR16EC425	Siddalingesha
56	Nithin.N	1RR15EC063	Nithin	112	Sushma H	1RR16EC427	Sushma

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 DEPT. OF ELECTRONICS & COMMUNICATION

Skill Development Programme on
Project For Beginners from Concepts to Implementation using Open Hardware
3rd sem

28/10/2017

Sl no	Name	USN	Sign	Sl no	Name	USN	Sign
1	Aishwarva N.S	1RR15EC002		57	S.Nithish Reddy	1RR15EC064	
2	Aishwarva B. Nadageri	1RR15EC003		58	Niveditha. M	1RR15EC065	
3	Akash P	1RR15EC004		59	Pooja. B.J	1RR15EC066	
4	Apoorva Hegde	1RR15EC005		60	Pooja. S.S	1RR15EC067	
5	Arya S Das	1RR15EC006		61	Prabhanjan. R	1RR15EC068	
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7	Ranjana.B	1RR15EC008		63	Prajwal.P	1RR15EC070	
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21	Gagan. K.C	1RR15EC024		77	Sushmitha. S	1RR15EC086	
22	Gopi.K	1RR15EC025		78	Tanuja. A.N	1RR15EC087	
23	Gouthami. G	1RR15EC026		79	Tejaswini.S	1RR15EC088	
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26	Harshitha.R	1RR15EC031		82	Varun Kumar. S.L	1RR15EC091	
27	Harshitha. S	1RR15EC033		83	Vasant Shambanna Bhovivadar	1RR15EC092	
28	Hitha. R	1RR15EC034		84	Vijetha Shravya	1RR15EC094	
29	Indudhar. B.K	1RR15EC035		85	Vipin Padman. M	1RR15EC095	
30	Jyothi	1RR15EC036		86	Vybhav Gowda. B.S	1RR15EC096	
31	Jyoti Kevansiddappa Kallur	1RR15EC037		87	Yashas. S	1RR15EC097	
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43	Meghana S	1RR15EC050		99	Prakash Hegde	1RR16EC413	
44	Mohammad Afridi	1RR15EC051		100	Prema H A	1RR16EC414	
45	Mohammed Sanaulla Khan	1RR15EC052		101	Prithvi Raj G S	1RR16EC415	
46	Monica.B	1RR15EC053		102	Punith N	1RR16EC416	
47	N Kiran kumar	1RR15EC054		103	Radhika S	1RR16EC417	
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51	Navyashree.N.Rai	1RR15EC058		107	Reshma	1RR16EC421	
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54	Niriksha. P	1RR15EC061		110	Shoba N	1RR16EC424	
55	Nishigandha J S	1RR15EC062		111	Siddalingesha S Karikanti	1RR16EC425	
56	Nithin.N	1RR15EC063		112	Sushma H	1RR16EC427	



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074



Department of Electrical & Electronics Engineering

Date: 10/05/17

CIRCULAR

We are happy to inform that 5 Days skill Development programme on Hotline maintenance of transmission line and switchyards by Mr Prakash National power training Institute (NPTI) Ministry of Power, GOI on 15/05/17 – 19/05/17

[Signature]
HOD

Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bengaluru-74

[Signature]
Principal

RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

[Signature]

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

"TRANSFORMERZ"

ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGG



Chief Patrons :

Sri.A.C.Shanmugam
Chairman, RR Group of Institutions
Sri A.C.S. Arun Kumar
Vice-Chairman, RR Group of
Institutions

Patrons:

Sri.S.Vijayanand
Executive Director, RR Group of
Institutions
Sri.S. Jeyabalan
Special officer, RR Group of
Institutions
Sri.C.N.Seetharam
CEO, RR Group of Institutions
Dr.T.R.Gopalakrishnan Nair
Rector, RR Group of Institutions

Chairman

Dr.R.Balakrishna
Principal, RRCE

Prof M Prabakar
Vice -Principal, RRCE

Organizing Secretary
Dr.M.Arunachalam
Prof & HOD, EEE

Convener

Prof Rashmi.J.V
Asst.Prof,EEE
Prof J.Muktheshwari
Asst.Prof,EEE

Student coordinators:

Pooja.N.P 8thSem
Gowtham.N 8thSem

INVITATION

5 DAYS SKILL DEVELOPMENT PROGRAMME

ON

"Hotline maintenance of
transmission line and switchyards"

BY

**NATIONAL POWER TRAINING
INSTITUTE(NPTI)**
(Ministry of Power, GOI)

Date: 15/05/17 - 19/05/17

Inauguration: 9:00 a.m on 15/05/17

Venue : Aryabhata seminar Hall

ALL ARE CORDIALLY INVITED

SCHEDULE: Please see next page

J. oedl

Principal

RAJARAJESWARI

COLLEGE OF ENGINEERING

Panchalli Cross, Bangalore 897142

Prof. HOD
24/4/17
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering

10



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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REPORT ON SKILL DEVELOPMENT PROGRAMME

A skill development programme "Hotline maintenance of Transmission line and Switchyards" was conducted for the students of Department of Electrical and Electronics Engineering by National Power Training Institute (NPTI), Organization under Ministry of Power, Government of India, from 15/05/17-19/05/17. On 15th May inauguration was held in the college in A.P.J. Abdul Kalam Conference hall. The program was hosted by Pooja.N.P, our 8th sem student. The program started with an invocation song and was followed by welcome address to the dignitaries. The following dignitaries were on Dias

Dr. T.R. GopalakrishnaNair	Rector, RRG
Dr.R.Balakrishna	Principal, RRCE
Prof M. Prabakar	Vice -Principal, RRCE
Prof.Dr. M .Arunachalam	HOD of EEE, RRCE
Mr.S.Prakash	Asst Director NPTI/HLTC

Prof. Dr. M.Arunachalam, HOD, Dept of EEE welcomed the resource persons and addressed the students about the importance of hotline training programme. Dr. T.R. Gopalakrishna Nair, Rector, RRG explained why it is necessary for the students to undergo such training programmes. Then Prof M.Prabhakar, Vice-principal, RRCE advised students not to miss such a golden opportunity of getting trained by such well versed o organization.

Then session was continued by Mr.S.Prakash, Asst Director NPTI/HLTC on "Hotline Maintenance of Transmission lines and Switchyards". The session was graced by 125 students. Mr.S.Prakash discussed about

- History of HLTC

J. adl

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ponghalli Cross Pondur-71

- Importance of HLTC
- Advantages of HLTC
- Careers in Hotline maintenance
- Advantages of Hotline maintenance

The first day programme was ended with vote of thanks by our HOD. The Second day Batch 1 students were taken to the Hotline training centre and were shown the videos of hotline maintenance of transmission lines and switchyards. Then students were made aware of the tools used for maintenance of live line and Switchyards. The third day same Batch 1 students were given hands on training with the tools for Hotstick method and Bare hand method. For the fourth day Batch 2 students were taken to the Hotline training centre and were shown the videos of hotline maintenance of transmission lines and switchyards. On fifth day Batch 2 students were given training to handle the tools for Hotstick method and Bare hand method.

It was the opinion of the participants that the whole training programme was very useful and informative.

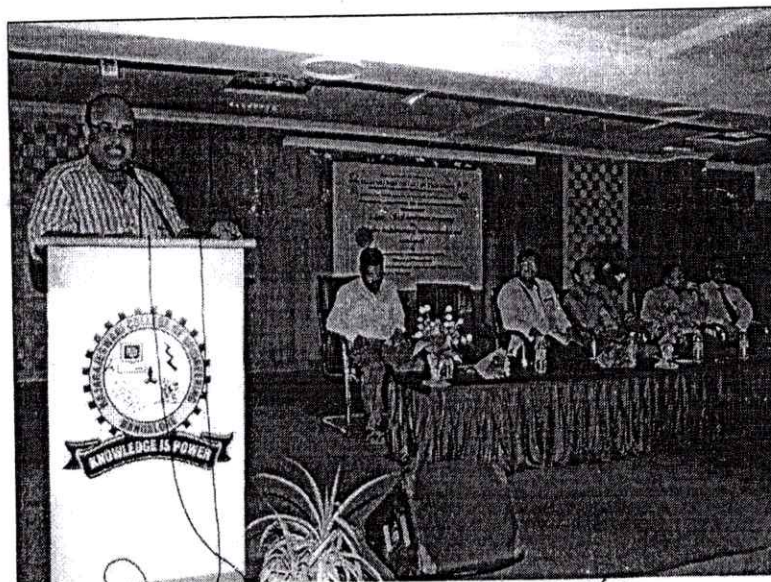
INAUGURATION PROGRAMME



J. Sesh
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohli, Chennai - 600 086



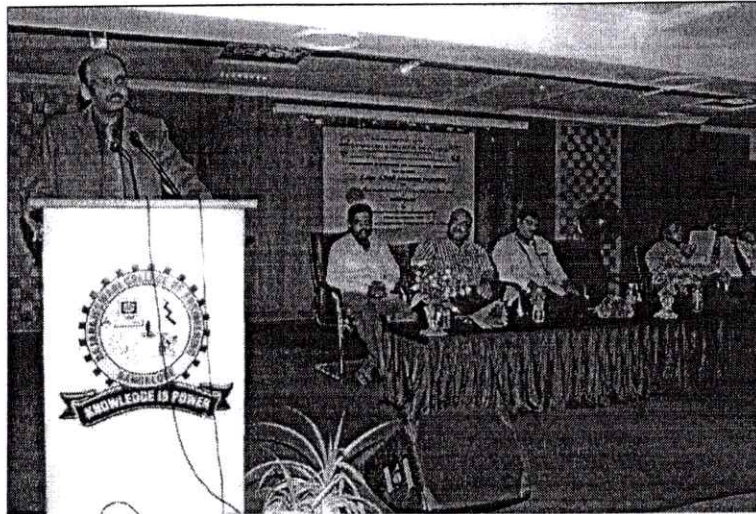
GUEST OF HONOUR



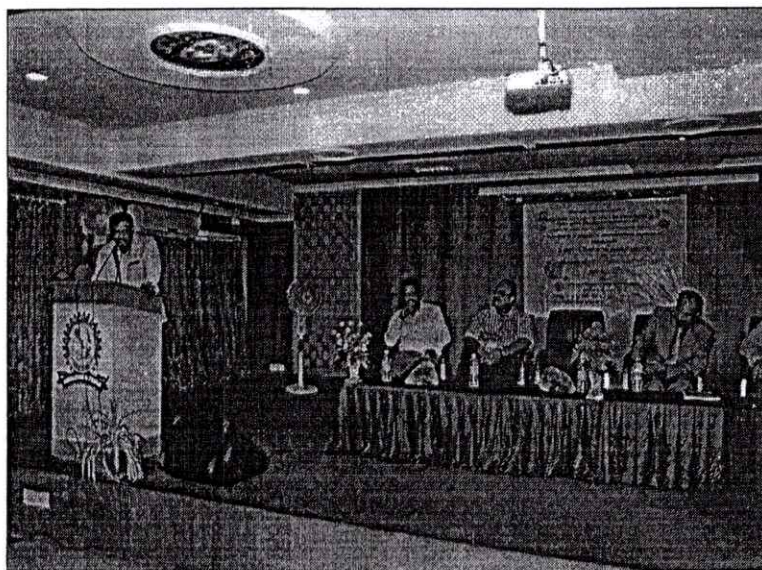
PRINCIPAL ADDRESSING

J. adl

Principal,
RAJARAJESWARAN
COLLEGE OF ENGINEERING
Ramohalli Cross, Bangalore - 78



ABOUT NPTI

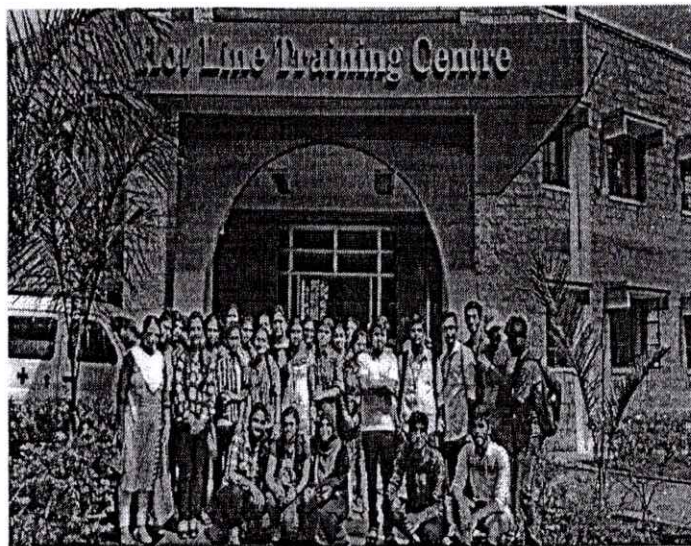


GUEST OF HONOUR

J. Reddy
Principal
RAJARAJESWAR
COLLEGE OF ENGINEERING
Ramohalli Cross, BANGALORE-71

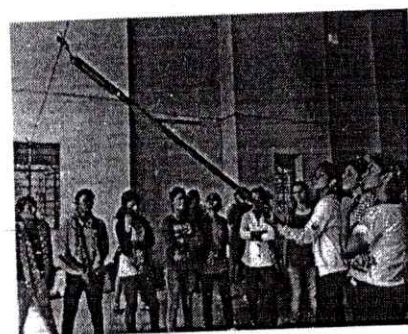
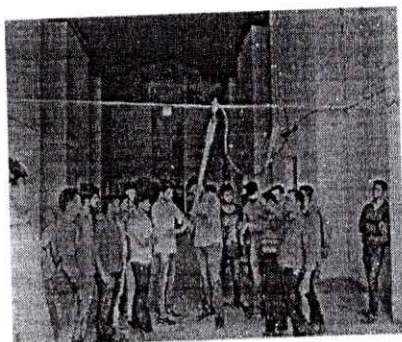


Students in Hotline training Programme Centre

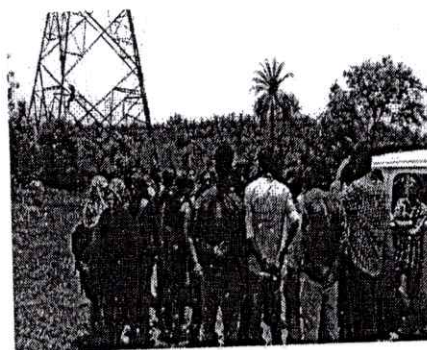
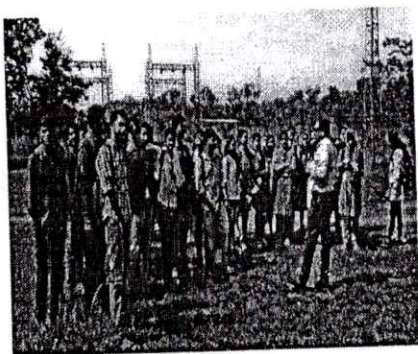


J. Sedh
 Principal
 RAJARAJESWARAN
 COLLEGE OF ENGINEERING
 Ramahalli Cross, Bengaluru - 70

Students with tools for Hot stick method



Students in Switchyard





Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bengaluru-74



Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

Department of Electrical and Electronics Engineering

1

[illegible]

Department of Electrical and Electronics Engineering

[illegible]



NATIONAL POWER TRAINING INSTITUTE

(Ministry of Power, Govt. Of India)

ISO 9001:2008 & 14001:2004

HOT LINE TRAINING CENTRE

26th KM, Kanakapura Road, Somanahalli Gate, Bangalore-560082

SI.No:NPTI/HLTC/SDP/2017/92



CERTIFICATE OF PARTICIPATION

Roopashree G., VIII Sem, EEE

This is to certify that Mr./Ms.....
of **Rajarajeshwari College of Engineering, Bengaluru** has participated in
Three day/days "Skill Development Program" on Transmission & Distribution
Lines Maintenance Organised at this Institute on/ from **15/05/2017 to 18/05/2017**
19/05/2017



(S. PRAKASH)
Course Director/Assistant Director




(K.S.VENU BABU)
Deputy Director & HOI

19/05/2017
Date:

Scanned with CamScanner



Principal
RAJARAJESHWARI
COLLEGE OF ENGINEERING
Somanahalli Gate, Bengaluru-71

Scanned with CamScanner

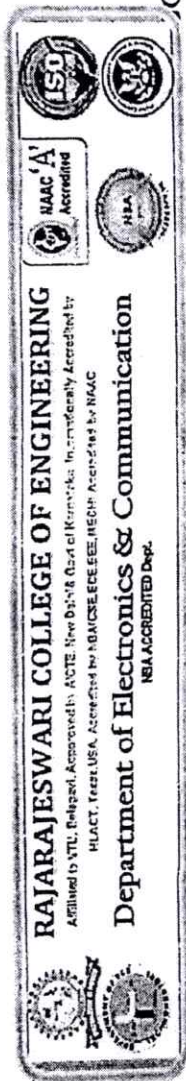


Skill Development Program on
"Demonstration and Hands on Session of Debugging and Testing Of
Electronic Equipments"

- **Date:** 28th October 2017
- **Resource Person:** Mr. Suhas, Esteemed Alumni 2010, Assistant Professor, Department of ECE
Mechatronics, Govt Tool Room and Training Centre, Bangalore.
- **Venue:** Dr. A.P. J. Abdul Kalam Hall, Dept. of ECE, RRCE, Bengaluru
- **Objective:** The objective is to make the students understand how the electronic circuits work and how it looks and what is the circuit inside the equipment to make it functional. The objective is also to make them learn how to debug a faulty instrument and repair.
- **No. of Students enrolled:** 50
- **Target Participants:** 3rd Semester students of ECE are invited to Participate
- **Outcome of the event:** The students could see the electronics inside some of the equipments and also learnt through demo how to debug and repair.


Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74


HEAD OF DEPARTMENT
DEPT. OF ELECTRONICS & COMMUNICATION ENG.
RAJARAJESWARI COLLEGE OF ENGS.
BENGALURU-560074



skill development program on
Demonstration and Hands on session of Debugging and testing of electronics Equipments
28/10/2017

2017-18 odd 3rd sem

SI No	USN	NAME	Sign	SI No	USN	NAME	Sign	SI No	USN	NAME	Sign
1	1RR16EC001	ABHISHEK B U	Abhishek	26	1RR16EC049	MANOJ KUMAR C	Manoj	51	1RR15EC088	TEJASWINI S	Tejas
2	1RR16EC002	ABHISHEK H S	Abhishek	27	1RR16EC050	MEGHASNAIK	Megha	52	1RR15EC075	TILAK	Tilak
3	1RR16EC005	AKASH S V	Akash	28	1RR16EC051	MEGHANA A	Megha	53	1RR16EC067	PAVITHRA V	Pavithra
4	1RR16EC006	AKULA	Akula	29	1RR16EC052	MEGHANA M	Megha	54	1RR16EC072	PRIYANKA M G	Priyanka
5	1RR16EC008	ANAND K H	Anand	30	1RR16EC053	NAMRATA	Namrata	55	1RR16EC073	RAHUL SURESH	Rahul
6	1RR16EC010	ANKITHA M R	Ankitha	31	1RR16EC054	NANDHINI A	Nandhini	56	1RR16EC074	RAKSHITHA N	Rakshitha
7	1RR16EC011	ANUSHA S	Anusha	32	1RR16EC056	NAYANA T R	Nayana	57	1RR16EC075	RASHMITHA G S	Rashmi
8	1RR16EC012	APOORVA D V	Apoorva	33	1RR16EC058	NIKITHA S	Nikitha	58	1RR16EC077	SABA BANU	Saba
9	1RR16EC013	ARCHANA S R	Archana	34	1RR16EC059	NISHA K	Nisha	59	1RR16EC078	SACHIN MD	Sachin
10	1RR16EC014	ASHWINI A S	Ashwin	35	1RR16EC060	NISHA M	Nisha	60	1RR16EC079	SAIPRASAD	Saiprasad
11	1RR16EC015	ASHWINI M	Ashwin	36	1RR16EC061	NIVEDITHA S M	Nivedita	61	1RR16EC080	SAMARTH	Samarth
12	1RR16EC017	BHUPALAM	Bhupalam	37	1RR16EC062	PAVAN C	Pavan	62	1RR16EC081	SANDEEP S	Sandeep
13	1RR16EC018	BRINDA B R	Brinda	38	1RR16EC063	PAVAN HK	Pavan	63	1RR16EC082	SANJAY B R	Sanjay
14	1RR16EC019	CHAITRA S	Chaitra	39	1RR16EC065	PAVANKUMAR P	Pavan	64	1RR16EC084	SHABNAM	Shabnam
15	1RR16EC020	CHANDAN H	Chandan	40	1RR16EC066	PAVITHRA T M	Pavithra	65	1RR16EC085	SHARMILA BAI B	Sharmila
16	1RR16EC021	CHANDANA S	Chandana	41	1RR16EC068	POOJA P S	Pooja	66	1RR16EC086	SHARMILA G	Sharmila
17	1RR16EC023	DHANUSHA P	Dhanusha	42	1RR16EC069	POOJA S H	Pooja	67	1RR16EC087	SHASHI KIRAN A	Shashi
18	1RR16EC026	GOLLAMANDAL	Gollamandal	43	1RR16EC071	PRIYANKA B J	Priyanka	68	1RR16EC090	SHREYAS R	Shreyas
19	1RR16EC027	GUNASHREE B R	Gunashree	44	1RR16EC070	ADARSH G N	Adarsh	69	1RR16EC091	SHRUTI S NAYAK	Shruti
20	1RR16EC028	GURUSWAMY C	Guruswamy	45	1RR16EC115	ABHISHEK	Abhishek	70	1RR16EC092	SHWETHA G P	Shwetha
21	1RR16EC030	HARSHITHA K V	Harshitha	46	1RR16EC116	CHANDAN B S	Chandan				
22	1RR16EC031	HARSHITHA M H	Harshitha	47	1RR16EC408	MEGHASHREE C	Meghashree				
23	1RR16EC032	HARSHITHA T	Harshitha	48	1RR16EC412	NEHITH N	Nehith				
24	1RR16EC033	IMPA C	Impa	49	1RR16EC413	PRAKASH HEGDE	Prakash				
25	1RR16EC034	JITHENDRA V	Jithendra	50	1RR16EC416	PUNITH N	Punith				

HOD/ECE

Principal
RAJARAJESWARI COLLEGE OF ENGINEERING
 Ramohalli Cross, Bengaluru-71

RAJA RAJESWARI COLLEGE OF ENGINEERING

Schedule No:8:Administrative & Other Cost:

Advertisement	30,84,006.00
Annual & Sports Day, Camp Expenses	52,926.00
Bank /Glee.Comm./Charges	24,91,401.97
Books Subscription & Periodicals	40,000.00
Consultancy/Professional Charges	36,83,108.00
Electricity Charges	30,42,024.00
Lab Expenses/Consumables/Research	1,33,982.00
Contribution to Provident Fund	30,45,743.00
Contribution to ESI	4,85,978.00
Examination Expenses	61,536.00
Functions, Celebrations & Free Medical Camp	2,78,457.00
House Keeping Expenses	1,84,847.00
Inspection Expenses	11,800.00
Insurance	4,27,139.00
Mess & Catering Expenses	13,82,491.00
Meeting, Seminar Expenses & Conference Exp	3,84,107.00
Miscellaneous Expenses	13,260.00
Office Expenses	1,29,661.00
Postage & Courier Expenses	16,898.00
Printing & Stationary	5,68,666.00
Rates & Taxes	30,73,278.00
Repairs & Maintenance - Building	65,59,832.00
Repairs & Maintenance - Electricals & Equip	22,73,834.00
Repairs & Maintenance - Vehicle	46,40,294.00
Staff/Student Welfare Expenses	4,70,090.00
Telephone & Communication Expenses	5,72,570.00
Travelling & Conveyance	6,63,179.00
Interest Payments-Term Loan & OD	1,09,58,091.71
University/DCI/MCI/Affiliation Payments	43,15,535.91
Remuneration	12,00,000.00
Loading, Unloading & Transportation	29,560.00
Scholarship	8,000.00
LIC Group Gratuity	56,54,996.00



J. adl

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Work Order for Placement Training Program for Students of RRCE

RRCE/WO/M020/2021-22

Date: 01/09/2021

To,
M/s. Quan Tech Origin,
No. 10, Kalpataru Apts,
13th Cross, 8th Main, Malleshwaram,
Bangalore - 560003.
Contact Person: Mr. Ananth P Mallya
E-mail: ananthp@live.com

Executive Director
Bulging Lenses Recd
Date & Time: 28/11/22
Sign: sk

GST No: ATKPP8413HSD001
Mob: 8197099949

With reference your Quotation, we are pleased to place the Work Order for the following training Program, as per specification & price mentioned for our RRCE.

Sl. No	Particulars	No. of Students	Price/Student Rs.	Amount Rs.
1	Product Deck : Campus Recruitment Training, Company Specific Training & QuanTech Adopt	350 Students	1,000.00	3,50,000.00
Grand Total				3,50,000.00

Terms & Conditions:

1. Training at our premises & subjected to the approval at RRCE, Ramohalli Cross, Mysore Road, Bangalore-74.
2. **Training Dates: From 01/09/2021 to 14/09/2021.**
3. **Split up of Training:** a. Campus Recruitment Training-40Hrs,
b. Company Specific Training-6Hrs & c. QuanTech Adopt-Unlimited (Total hours: 46 Hrs)
4. **Payment: After Completion of Training**
5. **Amount is Inclusive of all taxes**
6. Invoice to be submitted to our stores.
7. Inv./DC should quote our WO No. & Date along with your GST No.
8. WO Validity - 60 days from the date of WO Raised.

Principal

RAJARAJESWARI

COLLEGE OF ENGINEERING

Ramohalli Cross, Bengaluru-74

01/09/2021

CHAIRMAN

RajaRajeswari College of Engineering

Copy to {1 to Service Provider, 2 to File (Pur), 3 to Stores} Scan Copy to Mr. Krishnakumar, ACSCE.
We accept the Work Order with Terms & Conditions mentioned in this order:

(Signature of the Authorised Person)

Campus

#14, Ramohalli Cross, Kumbalgodu, Mysore Road
Bengaluru - 560 074

Ph : 080 - 28437124 / 28437375 Fax : 080 - 28437373

E-mail : info@rrce.org, enquiry@rrce.org

Raja Rajeswari College of Engg-12-13

Bank Payment Voucher

No. : 607

Dated : 8-Feb-2022

Particulars	Amount
Account : Quan Tech Origin F.No.2830 Agst Ref 09-12/21-22 ✓ 3,15,000.00 Dr	3,15,000.00
Through : ICICI SB A/C 263701000032	
On Account of : Chq no 002336 / 8.2.22 Being Amt Payable towards Placement Training Program for Students of RRCE Vide Bill No.09-12/21-22/dt.09.12.2021 For Rs. 350000/-, TDs 10% on 350000/- - Quan Tech Origin -PAID BY BUK NEFT CHQ AMT FOR Rs.716396/- Bank Transaction Details: Y / S NEFT Cheque 002336 8-Feb-2022 3,15,000.00	
Amount (in words) : Indian Rupees Three Lakh Fifteen Thousand Only	
	Rs 3,15,000.00

Receiver's Signature:

Authorised Signatory

Prepared by

Checked by

Verified by

Principal

RAJARAJESWARI

COLLEGE OF ENGINEERING

Ramohalli Cross, Bengaluru-74

ORIGINAL

Quantech

Origin

#101, 13th Cross, 8th Main, Malleshwaram, Bangalore - 560003

Ref No:

Date: / /

TAX INVOICE

Bill To : Rajarajeswari College of Engineering
Kumbalgodu, Mysore Rd, Bengaluru - 560074

Invoice No : 09-12/21-22

Date : 09/12/2021

S. No.	Product Description	No. of Students	Tax	Amount
1	Campus Recruitment Training Program (VII Semester)	350	Nil	3,50,000
Amount in Words: Three Lakh Fifty Thousand Rupees Only /-		Total Amount		3,50,000/-
		Advance		Nil
		Net Balance to pay		3,50,000 /-

Account Number: 64068621661

Bank: State Bank of India- Malleswaram IFSC: SBIN0040553

Our Sales Tax Registration Numbers. We hereby certify that our registration certificate under the Karnataka Sales Tax Act, is TIN

No.: ATKPP 8413 HSD 001 in force on the date on which the sale of these goods specified in the bill made by us.

Terms
and
Condition
s

Payment: Cash on demand.
Cheques or D.D's are subject to realization only.
Interest @ 21% p.a. will be charged, 10 days from
this date. Delivery: Subject to Ex-Stock.
Subject to Bangalore' Jurisdiction.



for QuantechOrigin

for QUANTECH ORIGIN PVT. LTD.
Director/Authorised Signatory
Authorized Signatory

Completed the pre-placement training
program successfully

Certified that the items/equipments supplied in this
bill/invoice are taken to R.R.C.E. major stock entry
register vide page No. 61 of 21

Date: 28/11/2022 J. adh

Read, understood and accepted the Invoice contents:

Store No. 28/11/2022

J. adh

Principal

RAJARAJESWARI

COLLEGE OF ENGINEERING

Raja Rajeswari College of Engg-12-13

Quan Tech Origin F.No.2830

Ledger Account

No.10 , Kalpataru Apts.
13th Cross , 8th Main , Malleshwaram
Bangalore

1-Feb-2022 to 26-Feb-2022

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
1-2-2022	Dr Seminar/Meeting/Conferance Expenses Journal Being Amt Payable towards Placement Training Program for Students of RRCE By Quan Tech Origin Vide Bill No.09-12/21-22 /dt.09.12.2021 For Rs.350000/-, TDs 10% on 350000/- (Bill recvd dt.01.02.2022)		1875		3,15,000.00
8-2-2022	Cr ICICI SB A/C 263701000032 Chq no 002336 / 8.2.22 Being Amt Payable towards Placement Training Program for Students of RRCE Vide Bill No.09-12/21-22 /dt.09.12.2021 For Rs.350000/-, TDs 10% on 350000/- - Quan Tech Origin -PAID BY BUK NEFT CHQ AMT FOR Rs.716396/-	Bank Payment	607	3,15,000.00	
				3,15,000.00	3,15,000.00

Principal

RAJARAJESWARI

COLLEGE OF ENGINEERING

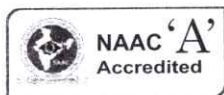
Ramohalli Cross, Bengaluru-74



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Date: 24/12/19 11:04

Work Order for Campus Recruitment Training for Students of RRCE

RRCE/WO/K017/2019-20

Date: 17/08/2019

To,

M/s. Numark Consultancy LLP,
#16/28, Gangamma Temple Street,
Raghavendra Swamy Mutt,
Ashoknagar, Bangalore – 560 050

Contact Person: Mr. Shanmukh.C.D/Ms. Sowmya

GST No. 29AAMFN9624BIZZ

Email : support@quantechorigin.in /sowmya@quantechorigin.in - Mob : 8050607000/9538375584

We are pleased to place the Work Order for the following training program, as per specification & Price mentioned in your Ref. No. IN/NC/0002/2019-20 for our RRCE

Sl. No.	Particulars	No. of Students	Price/Student Rs.	Amount Rs.
1	Campus Recruitment Training for students (Pre-Placement assessment) 1. Quantitative Aptitude, 2. Logical Reasoning, 3. Verbal Ability, 4. Soft Skills Total 40 Hours For : ECE Dept.- 116 Students, CSE Dept.- 153 Students, ISE Dept. - 41 Students, EEE Dept. - 80 Students ME Dept. - 145 Students & CE Dept. - 142 Students	677 Students	900.00	6,09,300.00
Grand Total				6,09,300.00

Terms & conditions :

1. Training at our premises & subjected to the approval at RRCE, Ramohalli, Mysore Road, , Bangalore – 74
2. Training Dates : 21/08/2019 to 26/08/2019
3. Payment: After completion of training
4. Amount is inclusive of all Taxes
5. Invoice to be submitted to our stores.
6. Inv./DC should quote our PO No. & Date along with your GST No.
7. WO Validity – 120 days from the date of WO Raised.

For RajaRajeswari College of Engineering

CHAIRMAN

Copy to: 3 Originals {1 to File (Pur), 1 to Supplier & 1 to Stores.}

We accept the Work Order with Terms & Conditions as mentioned

(Signature of the Authorised Person)

Principal

RAJARAJESWARI
COLLEGE OF ENGINEERING

Campus

#14, Ramohalli Cross, Kumbalgodu, Mysore Road
Bengaluru - 560 074

Ph : 080 - 28437124 / 28437375 Fax : 080 - 28437373

E-mail : info@rrce.org, enquiry@rrce.org

108/142

www.rrce.org

mark

#16/28, Gangamma Temple Street, Near Raghavendra Swamy Mutt
Ashoknagar, Bangalore - 560 050. Mobile : 99720 29788, 97410 97555
Email: vijayathanikar@gmail.com | vijayathanikar@hotmail.com

ORIGINAL

TAX INVOICE

Bill To : RajaRajeshwari College of Engineering
Kumbalgodu, Mysore Road,
Bengaluru - 560074

Invoice No : IN/NC/0002/2019-20

Date : 01/12/2019

S. No.	Product Description	No. of students	Rate	Tax	Amount
1	Pre Placement assessment RRCE-P-71 Confidentiality and privacy Matters 02 23/12/19 Drift Principal	677	900	Incl. of GST	6,09,300/-
Amount in Words: Six Lakh Nine Thousand Three Hundred Rupees Only					Total Amount 6,09,300/-
					Advance Nil
					Net Balance to pay 6,09,300/-

Special Instruction

Please provide the cheque in the name of "Numark Consultancy Limited Liability".

GST : 29AAMFN9642BIZZ

PAN : AAMFN9642B

Authorized Signatory

Signature

Date 23/12/19

Thank You

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

We have conducted 6 days preplacement training program for the final year students (2019 academic batch) in the month of Aug 2019. And the program completed as per the schedule. Henceforth invoice attached to your kind perusal.


Placement Officer
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

NUMARK CONSULTANCY LLP

No / Date 297 / 19-12-2019 Store RRCE
Invoice No / Date IN/NC/0002/2019-20 / 01-12-2019 Recd. On 19-12-2019
Challan No / Date Type None
GIR No / Date Payment Terms AFTER COMPLETION OF WORK
GP No / Date PO.REF K-017

S.No	Item Description	Qty	Free Qty	Item Rate	Disc	Tax %	TaxAmt	Net Rate	MRP	Amount
1	PRE PLACEMENT ASSESSMENT NOS [PRE .NOS]	677	0.00	900.00	0.00	0.00	0.00	900.00	900.00	609300.00

Total Item Discount	0.00	Total Amount	609300.00
Total Tax Amount	0.00	Freight Charges	0.00
Total Discount value	0.00	Service Charges	0.00
		Discount	0.00
		Others	0.00
		Rounded Off	0.00
Rupees Six Lakh Nine Thousand Three Hundred Only			
			Total 609,300.00


Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

Generated By : SUMATHI [RRCE]

Time 3:38PM


PREPARED BY


CHECKED BY


AUTHORISED BY

Print Date & Time 19-12-2019 3:38 pm

Page 1 of 1

Powered By Backbone

Raja Rajeswari College of Engg-12-13

Numark Consultancy LLP F-2509

Ledger Account

1-Jan-2020 to 31-Mar-2020

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
4-1-2020	Dr Seminar/Meeting/Conference Expenses Being amount payable towards Campus Recruitment Training for Students for RRCE Numark Consultance Ltd vide bill No 02 dt 01.12.19	Purchase Journal	530		6,09,300.00
13-1-2020	Cr (as per details)	Payment	849	6,09,300.00	
	TDS 10%			60,930.00 Cr	
	ICICI SB A/C 263701000032			5,48,370.00 Cr	
	Cheque 001570	13-1-2020		5,48,370.00 Cr	
	On Account			6,09,300.00 Dr	
	Ch.no. 001570 Being amount paid towards Campus recruitment Training for students of RRCE As per inv.NL/0002/19-20				
				6,09,300.00	6,09,300.00

J. Sedh

Principal

RAJARAJESWARI

COLLEGE OF ENGINEERING

Ramohalli Cross, Bengaluru-77



ICTACADEMY

INVOICE

Date: 23-09-2021

To,

The Principal,
Rajarajeswari College Of Engineering, Bangalore,
Kumbalgodu, Mysore Road, Bengaluru,
Karnataka 560074

P.INV. NO.	DETAILS	AMOUNT (Rs.)
0931/21-22	Towards the Annual Membership- Renewal	50,000
	IGST 18 %	9,000
	Total	59,000

(Rupees Fifty Nine Thousand Only)

Payment may please be released in favour of "ICT Academy" payable at Chennai by cheque/demand draft or Transfer through Online INDIAN BANK, Current Account A/c. No. 6824312568, DB Jain College Branch, Chennai (IFS Code: IDIB000D052).

PAN NO : AAECI6323D
GSTIN : 07AAECI6323D1ZW

Institution GSTIN : Unregistered

This Proforma Invoice is Valid Till 23.12.2021.

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RAJARAJESWARI
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Ramohalli Cross, Bengaluru-74

For ICT Academy



(D Vishnu Prasad)
Authorised Signatory

An Initiative of Government of India, State Government and Industry. An ISO 9001 : 2015 Certified Organisation

ICT Academy, ELCOT Complex, 2-7 Developed Plots, Industrial Estate, Perungudi, Chennai - 600 096. India
Phone: +91 44 4290 6800 | Fax: +91 44 4290 6820 | www.ictacademy.in

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Criteria: 5.1.3

Academic Year: 2016-21

Criteria: 5.1.3: Tabulated list showing year of implementation, name of agency involved, address & contact details of the agency, name of the program, address of the agency, name of student attended, roll no./identity no., class, batch, from-to date of the program, for each year for all the 5 assessment years

Sl. No	Dept	Name of Agency	Address & Contact	Name of Program	No of Students attended	Year of Implementation
1	EEE	Dalvik Apps, Design and development	Vidya.N, Head of Training Program, M:9075012969 dalvikvidya@gmail.com, www.dalvikapps.com	Design & development of embedded systems use IOT Application	58	2016-17
2	ECE	Govt Tool Room and training centre	Government Tool Room & Training Centre, Rajajinagara Industrial Estate, Bengaluru – 560 010. Toll Free Number for Students : Ph: 080-23151166 Mail id: trgblr20@gmail.com	TOUCH OF PLC ON REAL TIME APPLICATIONS	59	2016-17
3	CV	7 Crafts Group (E Surveying)	Mr Pradeep	Workshop on Total Station	51	2016-17
4	EEE	Loginware softec private limited	Mr. Thejas P Achar embedded software developer loginware softech private limited Hassan Ph No: 9916609819	Design and development of embedded system using iot applications	70	2017-18
5	CV	7 Crafts Group (E Surveying)	Mr. Bharath	Workshop on Total Station	107	2017-18
6	ECE	Intel Technology India Pvt Ltd	G Prashanth Reddy 136, HAL Old Airport Rd, Kodihalli, Bengaluru, Karnataka 560017	Projects For Engineering From Concepts To Implementation Using Open Hardware	100	2017-18
7	ECE	Govt Tool Room and training centre	Government Tool Room & Training Centre, Rajajinagara Industrial Estate, Bengaluru – 560 010. Toll Free Number for Students : Ph: 080-23151166 Mail id: trgblr20@gmail.com	Demonstration and Hands in Session of Debugging and Testing of Electronic Equipments	50	2017-18
8	ECE	SchemaZen Technologies Pvt Ltd	#487, Shreyas Pearl Complex, 3rd Floor, Manjunatha Temple Rd, SBM Colony, Banashankari Stage I, Bengaluru, Karnataka 560050 Phone: 098450 39374	Product Design using Board Level Approach J. Reddy Principal	80	2017-18

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9	ISE	SST Technologies	Mr. Sreenivasa Shetty ,CTO, SST TECHNOLOGIES , BENGALURU	Introduction to Robotics Using Arduino Microcontroller	38	2018-19
10	CV	7 Crafts Group (E Surveying)	Sir MV Enginnering training skills#14" MADHUSIRI" 4th Main, Byraveshwaranagar Nagarabavi Main Road Bengaluru-560072 Mobile: +91 98450 40875 / +91 8660369512 Landline: 080 23215487 Email: sirmvskills@gmail.com	Workshop on Total Station	142	2019-20
11	ISE	Tequed Lab, Bangalore.	Mr. Sreenivasa Ramanujan-Academic Industry Relations-Karnataka , Tata Consultancy Services, Mr. Sridhar Raghu-Senior Technical Manager, Sudocode Private Ltd., Mr. Supreeth- CEO & Technical Consulor, Tequed Lab, Bangalore.	NASSCOM – Adobe Skill Development Training, Assessment and Induction Program	15	2020-21
12	EEE	CoreEL Technologies and Sandeepani School of Embedded System Design,	Arun mathias, Sandeepani School of Embedded System Design training division of CoreEl technologies Ph no: 9844182555	Cloud Enabled Phython Based IoT System	74	2019-20
13	ME	Centre of Excellence Laboratory	RRCE, Bengaluru	Internship Report on Altair Hyperworks	22	2020-2021
14	CV	7 Crafts Group (E Surveying)	Dr. K Aravinthan	"Orientation Programme On Extensive Survey Projects"	98	2020-21
15	CSE	ICT Academy	IITM RESEARCH PARK, Module No. E6-03, 6th Floor, Block E, Kanagam Rd, Tharamani, Chennai, Tamil Nadu 600113	Employability skill Training in Trending Technology on My SQL database & Soft Skills	52	2020-21

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Academic Year: 2016-21

Criteria: 5.1.3

Criteria: 5.1.3: Tabulated list showing year of implementation, name of agency involved, address & contact details of the agency, name of the program, address of the agency, name of student attended, roll no./identity no., class, batch, from-to date of the program, for each year for all the 5 assessment years

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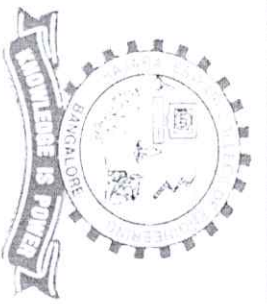
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Mysuru Road, Bengaluru, Karnataka, India.

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Certificate

This is to certify that, Aishwarya H M, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station " held from 9th Jan 2017 to 13th Jan 2017, organized and conducted by the Department of Civil Engineering.

Co-ordinator

Prof. Kamalakara G K

HOD

Dr. H S Govardhana
Swamy

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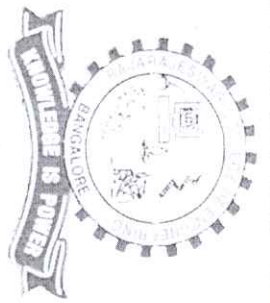
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This is to certify that, Shwetha K S, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station" held from 9th Jan 2017 to 13th Jan 2017, organized and conducted by the Department of Civil Engineering.

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Dr. R Balakrishna

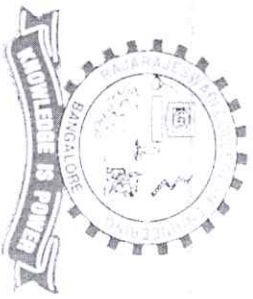
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This is to certify that, Spoorthi S, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station" held from 31st Oct 2017 to 4th Nov 2017, organized and conducted by the Department of Civil Engineering.


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Dr. H S Govardhana
Swamy

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Dr. R Balakrishna

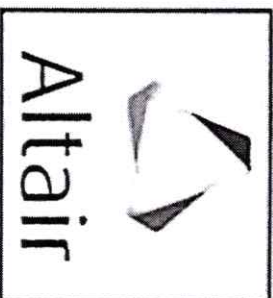
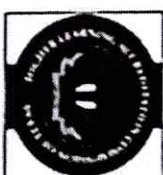



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CENTRE OF EXCELLENCE "ALTAIR HYPERWORKS" *Certificate*




This is to certify that Mr. SHARATH bearing

USN: 1RR17ME101 of RAJARAJESWARI COLLEGE OF ENGINEERING participated in the Internship program on "ALTAIR HYPERWORKS" field from 10th March to 10th April-2021, organized by the Department of Mechanical Engineering, Rajarajeswari College of Engineering, Bengaluru, Karnataka.

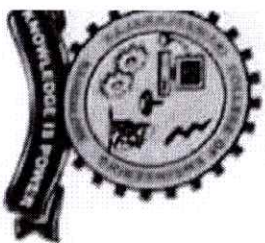

Prof. Radhakrishna R. K.
Program Coordinator


Prof. Ravikumar T.
Program Coordinator


Dr. C Ramesh.
HOD-ME


Dr. T Chandrashekar.
Principal

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DEPARTMENT OF MECHANICAL ENGINEERING





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This is to certify that Mr. BHARATH K B bearing


USN: 1KR17ME013 of RAJARAJESWARI COLLEGE OF ENGINEERING participated in the Internship program on "ALTAIR HYPERWORKS" held from 10th March to 10th April-2021, organized by the Department of Mechanical Engineering, RajaRajeswari College of Engineering, Bengaluru, Karnataka.


Prof. Radhakrishna R. K.
Program Coordinator


Prof. Ravikumar T.
Program Coordinator


Dr. C Ramesh.
HOD-ME

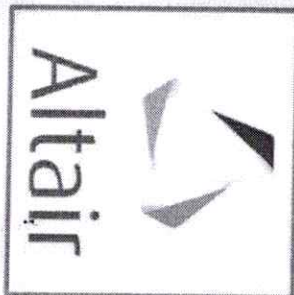

Dr. T Chandrashekar.
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CENTRE OF EXCELLENCE "ALTAIR HYPERWORKS" *Certificate*




This is to certify that Mr. DARSHAN KESARKAR M bearing

USN: 1RR17ME021 of RAJARAJESWARI COLLEGE OF ENGINEERING participated in the Internship program on "ALTAIR HYPERWORKS" field from 10th March to 10th April-2021, organized by the Department of Mechanical Engineering, RajaRajeswari College of Engineering, Bengaluru, Karnataka.


Prof. Radhakrishna R. K.
Program Coordinator


Prof. Ravikumar T.
Program Coordinator

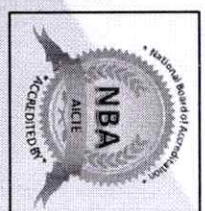

Dr. C Ramesh.
HOD-ME


Dr. T Chandrashekar.
Principal



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



SKILL DEVELOPMENT PROGRAM ON ON "PRODUCT DESIGN USING BOARD LEVEL APPROACH"

CERTIFICATE

This is to certify that Dr./Mr./Ms. Sindhu S of ECCE Participated in the Skill development Program on "PRODUCT DESIGN USING BOARD LEVEL APPROACH" held on 23rd, 26th September 2017 and 7th, 12th October - 2017 Organized by Department of Electronics and Communication Engineering, RajaRajeswari College of Engineering Bengaluru, Karnataka.

L.Rangaiah
Dr.Rangaiah.L

HOD-ECE

Dr. R Balakrishna

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WORK SHOP
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TOUCH OF PLC IN REAL WORLD APPLICATION
CERTIFICATE

This is to certify that Dr./Mr./Ms. *Shravan N.R.* of ECE Participated in the Skill development Program on "TOUCH OF PLC IN REAL WORLD APPLICATION" held on 10th March - 2017 Organized by Department of Electronics and Communication Engineering, RajaRajeswari College of Engineering Bengaluru, Karnataka.

[Signature]
Dr.Rangaiah.L

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COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-77

[Signature]
Dr. R Balakrishna
Principal



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SKILL DEVELOPMENT PROGRAM ON ON

“PRODUCT DESIGN USING BOARD LEVEL APPROACH”

CERTIFICATE

This is to certify that Dr./Mr./Ms. Vidya M of ECE Participated in the Skill development Program on “PRODUCT DESIGN USING BOARD LEVEL APPROACH” held on 23rd, 26th September 2017 and 7th, 12th 26th October - 2017 Organized by Department of Electronics and Communication Engineering, RajaRajeswari College of Engineering Bengaluru, Karnataka.

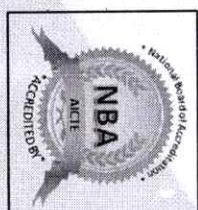
Dr. Rangaiah.L

HOD-ECE

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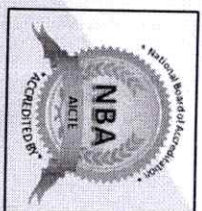
Dr. R Balakrishna

Principal





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



WORK SHOP
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Dr.Rangaiah.L

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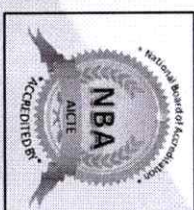
Dr. R Balakrishna

Principal



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



SKILL DEVELOPMENT PROGRAM ON ON

DEMONSTRATION AND HANDS ON SESSION OF DEBUGGING AND TESTING OF
ELECTRONIC EQUIPMENTS

CERTIFICATE

This is to certify that Dr./Mr./Ms. CHAITRA S of ECE Participated in the
Skill development Program on "DEMONSTRATION AND HANDS ON SESSION OF DEBUGGING AND TESTING OF
ELECTRONIC EQUIPMENTS" held on 28th October - 2017 Organized by Department of Electronics and
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Dr. R Balakrishna

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SKILL DEVELOPMENT PROGRAM ON ON

“PROJECTS FOR BEGINNERING FROM CONCEPTS TO IMPLEMENTATION USING OPEN
HARDWARE”

CERTIFICATE

This is to certify that Dr./Mr./Ms. Ranya N of ECET Participated in the
Skill development Program on “Projects for beginnering from concepts to implementation using open
hardware held on 19th August and 28th October - 2017 Organized by Department of Electronics and
Communication Engineering, RajaRajeswari College of Engineering Bengaluru, Karnataka.

Dr. Rangaiah.L

HOD-ECE

Dr. R Balakrishna

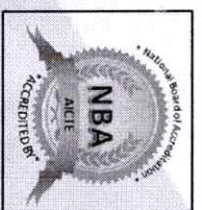
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



SKILL DEVELOPMENT PROGRAM ON ON

DEMONSTRATION AND HANDS ON SESSION OF DEBUGGING AND TESTING OF
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CERTIFICATE

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Skill development Program on "DEMONSTRATION AND HANDS ON SESSION OF DEBUGGING AND TESTING OF
ELECTRONIC EQUIPMENTS" held on 28th October - 2017 Organized by Department of Electronics and
Communication Engineering, RajaRajeswari College of Engineering Bengaluru, Karnataka.

Dr. Rangaiah.L

HOD-ECE

7. Oct

Dr. R Balakrishna

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



SKILL DEVELOPMENT PROGRAM ON ON

“PROJECTS FOR BEGINNERING FROM CONCEPTS TO IMPLEMENTATION USING OPEN
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CERTIFICATE

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hardware held on 19th August and 28th October - 2017 Organized by Department of Electronics and
Communication Engineering, RajaRajeswari College of Engineering Bengaluru, Karnataka.

L. Rangaiah
Dr. Rangaiah.L

HOD-ECE

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Ramohalli Cross, Bengaluru-74

DR
Dr. R Balakrishna
Principal



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14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru - 560 074

Department of Electrical and Electronics Engineering

Three Day's Workshop on

"Design and Development of Embedded Systems using IOT"

From 04th to 06th April 2018

in association with

LOGINWARE SOFTTEC PVT. LTD.,

#40/163, Opp. Bharathi Associates, B.M. Bypass Road, Boovanahalli, Hassan - 573201



J. Reddy
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

This is to certify that G. Darshini

has participated in Three day's workshop on "Design and Development of Embedded Systems using IOT" held

at Raja Rajeswari College of Engineering from 04th to 06th April 2018

[Signature]
Dr. Arunachalam .M
Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bengaluru - 74

[Signature]
Dr. Balakrishna .R
Principal

For Loginware Softtec Pvt. Ltd.
[Signature]
Director
Mr. Srikantaiah Thandaveshwara
Mr. Parameshchari
Directors
LOGINWARE SOFTTEC PVT. LTD.,





Certificate of Participation

This is to certify that

Thannuja B S

from Raja Rajeswari College of Engineering, Bangalore
has participated in National Workshop on

Cloud Enabled Python Based IoT System

from 7th to 9th November 2019 at

Raja Rajeswari College of Engineering, Bangalore

Dr. N Amuthan

Dr. N Amuthan
Professor and Head
Dept of Electrical & Electronics Engineering
Raja Rajeswari College of Engineering

J. Oak

Principal
RAJAJESWARI
COLLEGE OF ENGINEERING

Sadiya Arshad

Sadiya Arshad
Director – Sales
Education and Skill Development
CoreEL Technologies



Certificate of Participation

This is to certify that

Sundarya Poovaiah K

from Rajarajeswari College of Engineering, Bangalore
has participated in National Workshop on

Cloud Enabled Python Based IoT System

from 7th to 9th November 2019 at

Rajarajeswari College of Engineering, Bangalore

Dr. N Amuthan

Dr. N Amuthan
Professor and Head
Dept of Electrical & Electronics Engineering
Rajarajeswari College of Engineering

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Sadiya Arshad

Sadiya Arshad
Director – Sales
Education and Skill Development
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Department of Electrical and Electronics Engineering
Three Day's Workshop on

"Design and Development of Embedded Systems using IOT"

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RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

This is to certify that Sindhu Shree . R.S.

has participated in Three day's workshop on "Design and Development of Embedded Systems using IOT" held
at Raja Rajeswari College of Engineering from 04th to 06th April 2018

For Loginware Softtec Pvt. Ltd.

[Signature]
Dr. Arunachalam . M
Professor & Head of Engineering
Bengaluru - 74

[Signature]
Dr. Balakrishna . R
Principal

Director
Mr. Srikantaiah Thandaveshwara
Mr. Parameshchari
Directors
LOGINWARE SOFTTEC PVT. LTD.,



Dalvik Apps

Design & Develop

Then under our hand in this day
1st 9th Nov 2016

This to certify that

Certificate of Excellence

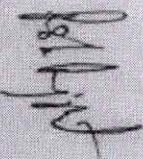
MR/MS. Danya. M.S

Certificate key DESTACV0Y8W

has successfully completed the 3 days intercollegiate training program entitled "Labview Powered Automation" conducted by Dalvik Apps on 07th, 08th & 09th Nov' 2016 held at RajaRajeswari College of Engineering, Karnataka.

Under this training program the student has learnt the concepts of automation, embedded system & robotics application development using NI's LabVIEW. The participant has successfully interfaced motors, sensors & developed varieties of robots powered by an Atmel's AVR series' microcontroller on Arduino Uno.

Authorized Signatory



*This certificate is not valid until not having certificate key. To check authenticity of this certificate visit certificate.dalvikapps.com

7. Oct

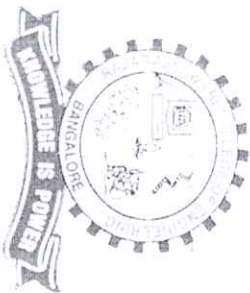
Principal



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J. Red
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-77

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RajaRajeswari College of Engineering

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(A Unit of RajaRajeswari Group of Institutions)

Mysuru Road, Bengaluru, Karnataka, India.

Department of Civil Engineering

Certificate

This is to certify that, Archana S, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station" held from 20th Jan 2019 to 24th Jan 2019, organized and conducted by the Department of Civil Engineering.


Coordinator

Asst.Prof. Anup D P


HOD

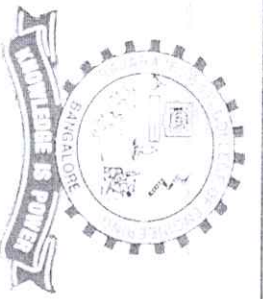
Dr. V Ramesh

Principal

Dr.T. Chandrashekar

7.004

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



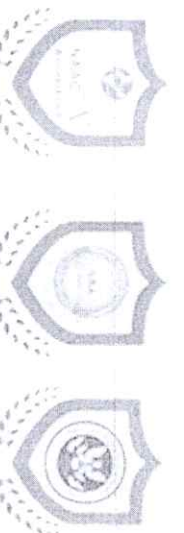
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Mysuru Road, Bengaluru, Karnataka, India.

Department of Civil Engineering



Certificate

This is to certify that, Mahantesh Meti, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station" held from 20th Jan 2019 to 24th Jan 2019, organized and conducted by the Department of Civil Engineering.


Co-ordinator

Asst.Prof. Anup D P


HOD

Dr. V Ramesh

Principal

Dr.T. Chandrashekar

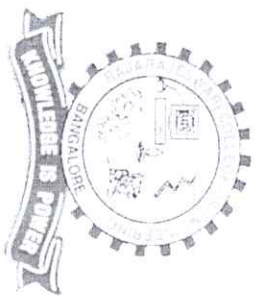
7.001

Principal

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Mysuru Road, Bengaluru, Karnataka, India.

Department of Civil Engineering



Certificate

This is to certify that, P Tilak, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station" held from 16th March 2021 to 20th March 2021, organized and conducted by the Department of Civil Engineering.


Co-ordinator
Dr. Aravinthan K


HOD
Dr. V Ramesh

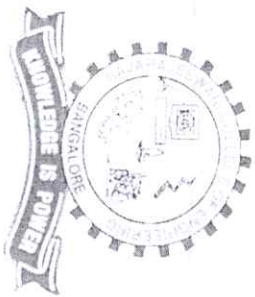

Principal
Dr. T. Chandrashekar

Principal

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Department of Civil Engineering



Certificate

This is to certify that, Hemashree R, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station" held from 16th March 2021 to 20th March 2021, organized and conducted by the Department of Civil Engineering.

Co-ordinator
Dr. Aravinthan K

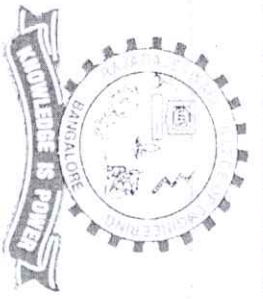
Dr. V Ramesh

V. Ramesh
HOD

Principal
Dr.T. Chandrashekar

Principal
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T. Chandrashekar



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Department of Civil Engineering

Certificate

This is to certify that, Tanzil ur rehman, of 3rd year Civil Engineering, has participated offline mode Five days basic training programme on "Total Station " held from 31st Oct 2017 to 4th Nov 2017, organized and conducted by the Department of Civil Engineering.


Coordinator
Prof. Abhish M S


HOD
Dr. H S Govardhana
Swamy


Principal
Dr. R Balakrishna

Principal
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COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

