



AICTE-ISTE Sponsored Workshop on



**Internet of Things (IoT) using Arduino and Raspberry Pi
Phase II (Online)**

APP Development for Arduino & IoT



Mr.S.Sheikameer Batcha
Assistant Professor
Sri Eshwar College of Engineering
Coimbatore

25.02.2021-Thursday, 02.00PM-03.30PM

Meeting ID : 672 775 6829



Passcode: grgice

PATRON

Dr.A. SANKARA SUBRAMANIAN

Principal

COORDINATOR

Dr.K. INDIRA DEVI

Head of the Department

CO-COORDINATORS

Mrs.J.VIJAYAMENAKA, Lecturer
Mrs.S.UMAMAHESHWARI, Lecturer
Mr.B.DON DOUGLES., Lecturer

TOPICS TO BE FOCUSED

This program aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society. This program also serves as a platform for research scholars, faculty, engineers and students to interact on cutting edge technologies in IoT. The Internet of Things (IoT) has evolved from the convergence of wireless technologies, micro-electromechanical systems (MEMS) and the Internet. The main focus of the course includes:

- IoT network design & architecture
- IoT enabled Software architecture & middleware
- Mobile cloud services
- Data & knowledge management
- Context awareness & location awareness
- Security, privacy & trust
- Software defined networking
- Performance evaluation & modelling
- Networking & communication protocols

GRG POLYTECHNIC COLLEGE COIMBATORE – 641 107

Department of Instrumentation & Control Engineering

**AICTE-ISTE Sponsored Refresher/Induction Program on
'Internet of Things (IoT) Using Arduino & Raspberry PI'**

23rd February 2021 – 01st March 2021

APPLICATION FORM

Name (In Block Letters) :
Date of Birth & Age :
Qualification :
Designation : Gender:
Organization :
Communication Address :
Mobile :
Email :

Declaration by the Participant

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I will attend the programme.

Place:

Date:

Signature of the Participant

Signature of the Head of the Institution with seal

Online Registration

<https://forms.gle/LfBqJpKN83hnHJxX6>



**AICTE-ISTE
SPONSORED**



Refresher/Induction Program

Phase – II (Online Mode)
on

**Internet of Things (IoT) Using Arduino &
Raspberry PI**

23rd February 2021 – 01st March 2021



Organized by

Department of
INSTRUMENTATION AND CONTROL ENGINEERING



GRG Polytechnic College



Kuppepalayam, S.S. Kulam (PO)

Coimbatore – 641 107

Phone: +91-7708004040

visit – www.grgpolytech.ac.in

ABOUT THE COLLEGE

GRG Polytechnic College is located in Kuppepalayam, the outskirts of Coimbatore City. It is surrounded by lush green environment with luxury of space. This makes an ideal environment for exchanging knowledge. Knowledge is a process. It can be acquired by the result of president search and willingness to open one's mind in eager to pursuit and that truly empowers a person with knowledge.

GRG Polytechnic College has a conducive environment of a higher plane of excellence. Instituted in 1980, it has consistently providing excellence with field of Education. Specially designed for initializing students on skill based learning modules. The Institute successfully continues to produce work-competent Technicians for the Industrial World.

Reputed for its state-of-the-art facility, knowledge infusion, competence, safe learning environment, sporting excellence and value-added programs, the Institute attracts Girls and Boys from mixed social-economic groups who make the learning experience at the Institute healthy and accommodative.

ABOUT THE DEPARTMENT

The Department of Instrumentation and Control Engineering is the harbinger of its field and is a jewel in the crown of the Institution. We are one among the few Institutions in the State, growing in the field of Electronics and Instrumentation. The current trends foretell that, this millennium will face a lot of changes in all walks of life. The Departmental subjects deal with Electronic Devices, Digital Electronics, Micro-Controller, Basic and Advanced Techniques in Instrumentation, Industrial Automation and Process Control Instrumentation, which are essential in Industries.

EXPERTS

Resource persons from premier Educational Institutions and renowned Industries will impart their expertise.

OBJECTIVES OF THE PROGRAM

This program aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society. This program also serves as a platform for research scholars, faculty, engineers and students to interact on cutting edge technologies in IoT. The Internet of Things (IoT) has evolved from the convergence of wireless technologies, micro-electromechanical systems (MEMS) and the Internet. By connecting things in the real world such as cars, buildings, and industrial equipment, IoT promises to revolutionize how we live and work.

- Understand the definition & significance of IoT
- Discuss the architecture operation and business benefits of IoT
- Examine the potential business opportunities
- Explore the relationship between IoT, cloud computing & big data
- Identify how IoT differs from traditional data collection systems
- IoT of smartgrid IoT protocol process monitoring / automation automotive applications, IoT security, industry 4.0, sensor technology, Raspberry pi interface healthcare infrastructure, transportation, energy management, M2M, communication smart metering systems & service integration hands-on training smart city.
- 5G/Edge computing • Elements of IoT • Security issues in IoT • Artificial Intelligent powered IoT • Communication protocols for IoT • Block chain & IoT

REGISTRATION GUIDELINES

- Free Registration.
- Selected Candidates will be intimated through e – Mail only.
- Faculty who wish to attend should submit the filled in registration form forwarded by the Head of the Institution to the Coordinator by post or mail on or before 20.02.2021.
- Scanned copy of the filled in application form can be mailed to grgptcstp@gmail.com
- Certificate will be provided to participants who attend all the sessions and pass the exam on STTP as directed by AICTE-ISTE.

Important Dates:

- Last Date of Registration: 20.02.2021
- Intimation of Selected Participants: 22.02.2021

Program Timings:

- 09.00 AM to 05:00 PM

FOR FURTHER INFORMATIONS CONTACT

The Coordinator

Internet of Things (IoT) using Arduino & Raspberry PI

GRG Polytechnic College
Kuppepalayam, SS Kulam (PO),
Coimbatore-641 107
Contact: +91-77081 11711, E-mail:
grgptcstp@gmail.com



Sheikameerbatcha . <sheikameerbatcha.s@sece.ac.in>

Request to be the GUEST SPEAKER – AICTE –ISTE Sponsored Workshop on “Internet of Things (IoT) using Arduino and Raspberry Pi”-reg

4 messages

GRGPTC ICE <grgptcsttp@gmail.com>
To: sheikameerbatcha.s@sece.ac.in

Mon, Feb 22, 2021 at 2:16 PM

Dear Professor,

Sub: Request to be the **GUEST SPEAKER** – AICTE –ISTE Sponsored Workshop on “Internet of Things (IoT) using Arduino and Raspberry Pi”-reg

On behalf of GRG POLYTECHNIC COLLEGE, I am very pleased to have the honour of inviting you to deliver Lecture as part of the **AICTE –ISTE sponsored Workshop – Phase –II (Virtual Mode) on “INTERNET OF THINGS (IOT) USING ARDUINO AND RASPBERRY PI” during 23.02.2021 to 01.03.2021.**

We would like you to speak on “**APP DEVELOPMENT FOR ARDUINO AND IOT**”. We have arranged the lecture for **Feb 25, 2021 at 02.00PM -03.30PM**. We are expecting an audience of approximately 40 Faculty and Industry Experts from various reputed Academic Institutions and Industries. Kindly mail the content of your Lecture prior to us.

Please share your profile, recent photo and let us know your acceptance regarding the same.

I look forward to your positive participation.

With best wishes,

Thanks and Regards,
AICTE-ISTE Refresher/Induction Program Coordinator

Dr. K. Indira Devi

HoD/ICE

GRG Polytechnic College

Kuppepalayam, S.S Kulam (PO)

Coimbatore - 641 107. INDIA

O: +91 7708004040 / P: +91 7708111711

E: hodice@grgpolytech.ac.in



 **IoT notice Phase II.pdf**
915K

Sheikameer Batcha.S <sheikameerbatcha.s@sece.ac.in>
To: GRGPTC ICE <grgptcsttp@gmail.com>

Mon, Feb 22, 2021 at 2:21 PM

Thank you for the invitation.
I confirm my participation.
Herewith , I have attached my profile.
[Quoted text hidden]

 **Short Profile.docx**
109K

GRGPTC ICE <grgptcsttp@gmail.com>

Thu, Feb 25, 2021 at 3:02 PM

To: sheikameerbatcha.s@sece.ac.in

Dear Sir,

Please find the voucher attached, fill, sign, scan and share with me. Please send your bank account details also. Thank You for your support.

Thanks and Regards,

AICTE-ISTE Refresher/Induction Program Coordinator

Dr. K. Indira Devi

HoD/ICE

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E: hodice@grgpolytech.ac.in



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GRGPTC ICE <grgptcsttp@gmail.com>

To: sheikameerbatcha.s@sece.ac.in

Sun, Feb 28, 2021 at 3:31 PM

Dear Sir,

I have attached the appreciation letter. Thank you for your kind support and cooperation.

Thanks and Regards,

AICTE-ISTE Refresher/Induction Program Coordinator

Dr. K. Indira Devi

HoD/ICE

GRG Polytechnic College

Kuppepalayam, S.S Kulam (PO)

Coimbatore - 641 107. INDIA

3/2/2021

Sri Eshwar College of Engineering Mail - Request to be the GUEST SPEAKER – AICTE –ISTE Sponsored Workshop on "Internet of Things (IoT) using Arduino and Raspberry Pi"-reg

O: +91 7708004040 / P: +91 7708111711

E: hodice@grgpolytech.ac.in



On Mon, Feb 22, 2021 at 2:16 PM GRGPTC ICE <grgptcstp@gmail.com> wrote:

[Quoted text hidden]

 **letter25(3).pdf**
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GRG POLYTECHNIC COLLEGE

(Govt. Aided and Approved by the AICTE) ISO Certified Institution

Kuppepalayam, S.S. Kulam Post, Coimbatore - 641 107.

Phone: 0422 2929090 / 2929091 / 77080 79911

Fax: 0422 2654323 E-mail: principal@grgpolytech.ac.in Website: www.grgeducation.ac.in

Dr. A. Sankara Subramanian M.E., Ph.D., PGDCA., FIE C.Engg., MISTE.,
Principal

February 26, 2021

Dear Mr.S.Sheikameer Batcha,

We would like to thank you for taking part in our AICTE –ISTE Sponsored Workshop on “**Internet of Things (IoT) using Arduino and Raspberry Pi-Phase II**” from **23.02.2021 to 01.03.2021**. Your talk on “**APP development for Arduino and IoT**” on **25.02.2021 (AN)** was one of the most interesting topics in the Workshop Session. It was an honor for us to have you as one of our **Resource Speakers**.

We believe that the knowledge you have shared will help immensely in the development of the community and eventually translate into better programs that will help more academicians and Industry personnel.

We know your time is precious and we are grateful to you shared some of it with us. We look forward to your participation in future events.

Again thank you. We hope to see you again soon.

Very truly yours,


PRINCIPAL