



**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)**

Shaikpet, Hyderabad – 500104

Department of CSE

**“Developing Applications Based on Arduino & Cloud Operations” (Phase-1)”
From 08/03/2021 to 12-03-2021**

| S.No | Name of the document | Status |
|------|--|--------|
| 1. | Proposal by the Coordinator/Convenor to Principal along with budget, and permission for the venue. | YES |
| 2. | Invitation to the resource person | YES |
| 3. | Acceptance along with the bio-data | YES |
| 4. | Poster/brochure/Banner (Not photo) | YES |
| 5. | Programme schedule | YES |
| 6. | Circular | YES |
| 7. | Registration/Attendance of the participants | YES |
| 8. | Certificates (sample) | YES |
| 9. | All participants filled Feedback, analysis – action | YES |
| 10. | Resource person filled Feedback – plan of action | YES |
| 11. | Single page report as per the format | YES |


Workshop Coordinator


HOD CSE


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (For Women)
AUTONOMOUS
Shaikpet, Hyderabad - 500 104.



Proposal for the Workshop

Hyderabad,
15/2/2021.

To
The Principal,
GNITS


Through proper channel


Respected Sir,

SUB: Request for conducting 3-days FDP on Arduino and Cloud Operations-REG

I Dr.A.Sharada working as Professor in the department of CSE am coordinating to conduct 3-days Faculty Development Program on **Developing Applications based on Arduino and Cloud Operations**. The purpose of this FDP is to give practical knowledge of building applications based on arduino and cloud operations. FDP will give greater understanding of both practical and theoretical concepts for faculty. Thus would help them in gaining knowledge to teach cloud subjects and for student projects as well. Hence I request you to permit us for conducting FDP to faculty on 8-03-21, 10-03-21 & 12-03-21.

Thanking You Sir,


Yours Faithfully,
Dr. A. Sharada


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad – 500104**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Invitation

Date: 25/02/2021

To
Dr. C. Padmaja,
Professor,
GNITS.

Subject: 4-Day FDP on “Developing Applications based on Arduino & Cloud Operations” -
Resource person- request for acceptance-Reg.

Sir,

This is to bring to your kind notice that the department of CSE, GNITS is organizing a 4-Day FDP on “Developing Applications based on Arduino & Cloud Operations” at GNITS, Hyderabad. We would like to take your help in getting deep practical knowledge on Arduino & Cloud Operations. It is our immense pleasure to invite you as resource person for the above mentioned workshop. Please accept our invitation and share your technical knowledge to our technical staff. Please do needful.

Thanking You,

Yours faithfully

A. Sharada
Workshop Coordinator

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500104



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad – 500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Invitation

Date: 25/02/2021

To
T.Srilatha,
Assistant Professor,
GNITS.

Subject: 4-Day FDP on “Developing Applications based on Arduino & Cloud Operations” -
Resource person- request for acceptance-Reg.

Sir,

This is to bring to your kind notice that the department of CSE, GNITS is organizing a 4-Day FDP on “Developing Applications based on Arduino & Cloud Operations” at GNITS, Hyderabad. We would like to take your help in getting deep practical knowledge on Arduino & Cloud Operations. It is our immense pleasure to invite you as resource person for the above mentioned workshop. Please accept our invitation and share your technical knowledge to our technical staff. Please do needful.

Thanking You,

Yours faithfully


A. Sharada
Workshop Coordinator



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(AUTONOMOUS)
Shaikpet, Hyderabad – 500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Invitation

Date: 25/02/2021

To
Y.Sravani Devi,
Assistant Professor,
GNITS.

Subject: 4-Day FDP on “Developing Applications based on Arduino & Cloud Operations” -
Resource person- request for acceptance-Reg.

Sir,

This is to bring to your kind notice that the department of CSE, GNITS is organizing a 4-Day FDP on “Developing Applications based on Arduino & Cloud Operations” at GNITS, Hyderabad. We would like to take your help in getting deep practical knowledge on Arduino & Cloud Operations. It is our immense pleasure to invite you as resource person for the above mentioned workshop. Please accept our invitation and share your technical knowledge to our technical staff. Please do needful.

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Yours faithfully

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Workshop Coordinator

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Acceptance

Date: 26/02/2021

To
The Coordinator,
GNITS,
Hyderabad.

Subject: Acceptance for resource person intimation-reg.

Sir,

I am very much happy to receive your initiation as resource person for the 5-Day FDP planned at GNITS. As I am passionate to teach Developing Applications based on Arduino & Cloud Operations for professionals, I hereby convey my acceptance to attend for the 5-Day FDP on Developing Applications based on Arduino & Cloud Operations from 8-3-2021 to 12-3-2021.

The session will be consisting of theory and practical classes. Hence it is requested to note my acceptance and make necessary arrangements for smooth conduction of workshop.

Thanking You,

Dr. C. Padmaja

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

Contact

www.linkedin.com/in/dr-c-
padmaja-96932045 (LinkedIn)

Top Skills

M.Tech

Co-rank in Mathematics talent
exam

Etc

Publications

Channel Estimation of OFDM
Systems using Real-coded Genetic
Algorithm

Forecasting of COVID-19 Using
H₁ and AR2MA-1D Prophet Algorithm

Diagnosis of Brain Disease through
Deep Learning Approaches



Dr. C. Padmaja

B.Tech(JNTUH), M.Tech(SVU), Ph.D(JNTUH), LMIETE, LMISTE, MIEEB
Telangana, India

Summary

Dr. C. Padmaja has 15 years of teaching experience and 3 years 3 months of Industrial experience at GE-IIC Hyderabad. She has published 6 reputed Journal papers and 1 National Journal in Technology Spectrum at JNTUH and 8 International Conference papers.

Successfully completed the 6 months Certification Course on, "Artificial Intelligence and Machine Learning" from School of Distance Education-JNTUH during 15th May- 15th October 2022.

Organized AICTE-ISTE FDP as Coordinator on, "Optimization in Communication Engineering", during 22nd – 29th December, 2021 and ATAL_AICTE FDP as Co-Coordinator on, "Wearable Devices" during 1st– 5th Feb 2021.

Received, "Outstanding Woman Researcher in Wireless Communication", in 7th Venus International Women Awards (VIWA2022). Received, "DR. SARVEPALLI RADHAKRISHNAN Best Teacher Award", on September 5th 2021.

Received 2 Best Paper Awards in ICACS-2K17 at SVEW, Tirupati and in ICRTCS – 2014, Bangalore. Published a book titled, "ANALOG AND DIGITAL COMMUNICATION: AN INTRODUCTION", on 10/6/2022 with ISBN Number 978-93-94339-12-5. Two Patents filed (App.No.: 202141003295 and App.No.:2021100560) out of which one is granted.


Submitted two proposals for DST- Device Development Programme and 1 proposal to NRSC – ISRO Respond basket projects 2022.

Experience

GNITS

Assistant Professor

July 2010 - Present (13 years 1
month) Hyderabad, Telangana, India


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GEI-IIC

Firmware Engineer

September 2005 - November

2008 (3 years 3 months)

Hyderabad, Telangana, India

SITAMS college of Engineering

Assistant Professor

April 2002 - September 2004

(2 years 6 months)Chittoor,

Andhra Pradesh, India

Education

JNTUH College of Engineering Hyderabad

Doctor of Philosophy - PhD, Wireless

Communication - (November 2012 -

September 2020)

Sri Venkateswara University

M.Tech, LICS - (September 2004 - April 2006)

JNTUH College of Engineering Hyderabad

B.Tech, ECE - (September 1998 - April 2002)

Central Board of Secondary Education

Intermediate, MPC - (June 1996 - April 1998)

BZ high school

SSC, State - (March 1995 - March 1996)

Handwritten signature in green ink.

PRINCIPAL
G. K. Srinivasulu Institute of
Technology & Science (for women)
(AUTONOMOUS)
Hyderabad - 500 104



**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad – 500104**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Acceptance

Date: 26/02/2021

To
The Coordinator,
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Thanking You,


T. Srilatha
PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)
(AUTONOMOUS)
Shaikpet, Hyderabad – 500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Acceptance

Date: 26/02/2021

To
The Coordinator,
GNITS,
Hyderabad.

Subject: Acceptance for resource person intimation-reg.


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The session will be consisting of theory and practical classes. Hence it is requested to note my acceptance and make necessary arrangements for smooth conduction of workshop.

Thanking You,

Y. Sravani Devi


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500104

Contact

www.linkedin.com/in/sravani-devi-y-2550581b5 (LinkedIn)

Top Skill

Higher Education

Faculty

Development

Teaching

Certifications

Data Science with python



Sravani Devi Y

Assistant Professor at G. Narayanamma Institute Of Technology And Science
Hyderabad, Telangana, India

Experience

G. Narayanamma Institute Of Technology And Science
Assistant Professor
June 2016 - Present (7 years 2 months)

Education

Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru,
PIN-521356(CC-48)

M.Tech, Computer Science · (November 2012 - October 2015)

board of secondary education andhra pradesh

JNTU KAKINADA · (2003 - 2004)

Simplilearn Alumni

Post graduation , AI & ML · (June 2020)

GITAM DEEMED UNIVERSITY HYDERABAD

(Ph.D), AI & ML · (June 2018)

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(AUTONOMOUS)
Shaikpct, Hyderabad - 500 104

| | |
|-------------------|------------------------|
| Name | Ms. T. Srilatha |
| Designation | Asst. Professor |
| Qualification | M.E |
| Experience | 14 years |
| Areas of Interest | Embedded Systems |
| E-mail | latha.gnits@gmail.com |
| Phone No. | 040-29565856 Extn. 424 |

12/6

ASSISTANT
PROFESSOR
TECHNOLOGY & DESIGN (WOMAN)
(AUTONOMOUS)
SHAIKPET, HYDERABAD - 500 104

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON In-House Inter-Departmental 4-Day FDP on "Developing Applications based on Arduino & Cloud Operations

(8th – 12th March 2021)

Organised by

G. Narayanamma Institute of Technology and Science (Autonomous), Hyderabad



About the FDP:

The FDP is to give an introduction and insight into one of the most important cloud techniques. The Arduino IoT Cloud lets you effortlessly create, develop, and manage connected Arduino-based projects. To get started, link a physical development board to your Arduino account and register it in the IoT cloud web application. Then, you can create a "thing" that represents your project. Such a thing contains the managed variables, the network credentials, and the source code of your project. The IoT Cloud application allows you to define as many variables as you like.

The Arduino then synchronizes the values of these variables with the cloud, and powerful data-aggregation and display tools let you visualize the variable values and the overall state of your project without having to write a single line of code. For that purpose, you can create custom dashboards that display data and let you interact with your connected devices to change settings from anywhere you are.

Major Course Contents:

1. Introduction to Arduino Software & Hardware.
2. Introduction of Arduino Cloud Operations.
3. Implementation of Cloud Operations.
4. Real time practical knowledge of using Cloud

Faculty conducting this programme:

The programme will be conducted by the faculty members. Academicians in the concerned field are invited to participate in the program. Speakers from industries are also expected to deliver as part of the course.

Registration Fee Particulars:

| | |
|-------------------------------|--------|
| Faculty and Research Scholars | No Fee |
| Industry Participants | No Fee |

Participants need to pay the Registration Fee Online using the following details

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/q1qtJ2au1ZhwZarp7>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important Dates:

| | |
|------------------------------|--------------------------|
| Last date (Application & DD) | 05.03.2021 |
| Selection List by E-mail | 06.03.2021 |
| Duration | 08.03.2021 to 12.03.2021 |

About GNITS:

G. Narayanamma Institute of Technology & Science (GNITS), Hyderabad, a leading Engineering college for women, was founded by late Mr G. Pulla Reddy in 1997, with an objective to provide quality education in Engineering. GNITS received UGC Autonomous status for 10 years from 2018 and is affiliated to Jawaharlal Nehru Technological University (JNTU-H), Hyderabad with accreditation from NAAC, NBA and ISO certified. GNITS offers 8 B.Tech and 5 M.Tech programmes

with 2640 students enrolled in B.Tech stream and 180 in M.Tech stream. First college in India to establish Apple Lab inaugurated by Tim Cook. Its excellent infrastructure provides opportunity for students to excel and secure placements in top MNC's on par with NITs, IITs & IIITs.

About CSE:

The Department of CSE offers two new programmes under B.Tech CSE with specialization in AI & ML and Data Science. The department has 9 doctorates & 24 pursuing Ph.D from reputed universities. Two research centres are established one for IOT and another for AI & ML with AICTE-MDRDB funds. Quality research papers & 5 patents are published by various faculty. 95% of eligible students from CSE are placed in top MNC's with the highest pay package of 45 lakhs.

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G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

**ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON
In-House Inter-Departmental 4-Day FDP on "Developing Applications
based on Arduino & Cloud Operations**

(08th – 12th March 2021)

Organised by

G. Narayanamma Institute of Technology and Science (Autonomous), Hyderabad



1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
- 6.

| |
|---------------|
| Reference No: |
| Amount: |
| Bank : |
| Date: |

7. Address for Correspondence:
8. Educational Qualification:
9. Subjects taught so far:
10. No. of refresher courses/workshops attended:
11. Experience (in years):
Teaching: Research: Industry:
12. Do you belong to SC/ST : YES /NO
(If yes, please specify and attach a copy of caste certificate to claim the concession)

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Date

Signature of the Applicant

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "In-House Inter-Departmental 4-day FDP on Developing Applications based on Arduino & Cloud Operations", during 8th March to 12th March, 2021 at G. Narayanamma Institute of Technology and Science, Hyderabad.

Signature of Head of Institution
(with seal)

Convenor/Advisory Member

Dr M Seetha Prof and Head CSE

Address for correspondence

Post your application form to

Head Department of CSE

G Narayanamma Institute of Technology and Science,
Shaikpet, Hyderabad, Telangana, INDIA-500104

It is requested to all the delegates, after completion of application form and the payment details, the screenshot of payment and scanned application form has to be uploaded in the following online registration link.

Registration Link:

<https://forms.gle/q1qJ2au1ZhwZarpZ>

For more enquiries please contact co ordinators:

Dr. A. Sharada,

Dr. Renuka Devi S M,

Professor in CSE

Professor in ECE

Ph: 9652780257

Email: fdp.cse@gnits.ac.in

SPONSORSHIP CERTIFICATE

Coordinators

Dr. A. Sharada Department of CSE

Dr. Renuka Devi S M

Department of ECE

G. Narayanamma Institute of Technology and Science

Hyderabad, Telangana -500104

Email: sharada@gnits.ac.in



**(Phase-1) In-House Inter-Departmental, Four day FDP on "Developing Applications based on Arduino & Cloud operations" organized by ECE & CSE Depts
(8-3-21 to 10-3-21, 12-3-21)**

Schedule of FDP "Developing Applications based on Arduino & Cloud operations".

| Date | 9.30-10.30 AM | 10.30AM-11.30 AM | 11.30AM-12.30PM | 1.00-2.00PM | 2.00-3.00PM | 3.00-4.00PM |
|---------|---|-------------------------------------|---|---|---|-----------------|
| 8-3-21 | Arduino Uno & Nano Architecture. Interface with sensors | | VIRTUAL ARDUINO | <u>Exercise Projects:</u> Interfacing Arduino with Sensors | Interfacing | VIRTUAL ARDUINO |
| | Mrs. T. Srilatha | | Dr. C. Padmaja | Mrs. T. Srilatha | | Dr. C. Padmaja |
| 9-3-21 | Description of ESP 8266 & Communicate with cloud (ThingSpeak & Unidots) Dr. P. Sudhakara Rao | | | <u>Exercise Projects:</u> Interfacing sensors with ESP 8266 & Cloud | | |
| | | | | B | Ch. Anusha | |
| 10-3-21 | Python Programming and Python Libraries | Machine Learning: Linear Regression | | Decision Trees, Random Forest classifier | <u>Exercise Projects :</u> Machine learning algorithms | |
| | Mr. A. Sharath Kumar & Mrs. T. Swapna | Mrs. Y. Sravani Devi | | Mrs. Y. Sravani Devi | Mrs. Y. Sravani Devi & Mrs. T. Swapna | |
| 12-3-21 | Developing GUI application for database Management Services using Python and mysql | | <u>Exercise Projects :</u> Developing GUI for database services application | Creating mysql server and cloud programming on AWS | <u>Exercise Projects :</u> Develop GUI application for Library Management system and connect it to database | |
| | Mrs. T. Swapna | | Mrs. T. Swapna | Mr. Anil Tellur, Mr. G. Nagababu & Mr. A. Sharath Kumar | Mr. A. Sharath Kumar & Mrs. T. Swapna | |

[Signature]
5/3/21
HOD, ECE

[Signature]
HOD, CSE

[Signature]
5/3/21
Dr. K. Ramesh Reddy
Principal

[Signature]
PRINCIPAL
G. N. Srinivasan Institute of
Technology & Science (for women)
Shilpam, Hyderabad - 500 084

G.Narayanamma Institute of Technology & Science

(Autonomous)

(For Women)

Approved by AICTE, New Delhi & Affiliated to JNTUH

Accredited by NBA & NAAC, ISO 9001:2015 Certified

Shalkpet, Hyderabad, TS, 500104



In-House Inter-Departmental, Four day FDP on "Developing Applications based on Arduino & Cloud operations" (Phase-1) organized by ECE & CSE Depts (8-3-21 to 10-3-21, 12-3-21)

We are glad to inform that ECE & CSE departments are collaboratively organizing in-house FDP on "Developing Applications based on Arduino & Cloud operations" from 8-3-21 to 10-3-21 & 12-3-21. This FDP is planned with an objective for faculty to have hands-on experience in Arduino, sensors hardware, Python, Machine learning and cloud communication experiments. The FDP is scheduled with Theory, Demo, Practicals followed by simple exercise projects. The basic knowledge gained by this FDP will definitely help faculty to get new ideas for projects and also to help students to do better in their projects. In continuation to this FDP, Phase-2 FDP will also be planned soon that covers topics on Interfacing RPI, Jetson Nano with sensors and image processing applications using Depth camera.

This FDP is planned for around 25 faculty members. Request the HoDs of CSE, ECE, EEE, ETM and IT departments to please nominate 5-6 faculty members for this FDP to Dr. A. Sharada, Coordinator.

Thank you

FDP Coordinators

Dr. A. Sharada, Prof., CSE

Dr. Renuka Devi S M, Prof., ECE

FDP Advisor

Dr. P. Sudhakar Rao, Prof. & Dean, R&D

HOD, ECE

HOD, CSE

Dr. K. Ramesh Reddy

Principal



G NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

(For Women)

**Department of Computer Science and Engineering &
Electronics and Communications Engineering**

**A Four Day Faculty Development Program
On**

**"Developing Applications Based on Arduino and Cloud Operations"
(8th - 10th & 12th March 2021)**

Attendance Sheet

Date: 09/03/2021

| S.No | Name of the Faculty* | Designation | Department | FN Session | AN Session |
|------|--|-------------|------------|------------|------------|
| | | | | Signature | Signature |
| 1 | Mrs. Nanda Devi D.R | Asst.Prof., | CSE | | |
| 2 | Mrs. G.Varsha | Asst.Prof., | CSE | | |
| 3 | Mr. B.Vamshi | Asst.Prof., | CSE | | |
| 4 | Mrs.Vasundhara Ramireddy | Asst.Prof., | CSE | | |
| 5 | Mrs. K.Gnana Prasuna | Sys. Admin | CSE | | |
| 6 | Mr. G.Srikanth | H/W Tech | CSE | | |
| 7 | Dr. Renuka Devi S M | Professor | ECE | | |
| 8 | Dr. C. Padmaja | Asst.Prof., | ECE | | |
| 9 | Mrs. Ch.Anusha | Asst.Prof., | ECE | | |
| 10 | Ms.T.Srilatha | Asst.Prof., | ECE | | |
| 11 | Mr. Y.Prakash | Asst.Prof., | ECE | | |
| 12 | Mrs. A.sarada | Asst.Prof., | ECE | | |
| 13 | Mr. Ch.Hari Prasad | Asst.Prof., | ECE | | |
| 14 | Mrs. M.Shanthi | Asst.Prof., | ECE | | |
| 15 | Mrs. N.Harini | Asst.Prof., | ECE | | |
| 16 | Mrs. P.Lavanya | Asst.Prof., | ECE | | |
| 17 | Mrs. P. Tejaswi | Asst.Prof., | EEE | | |
| 18 | Mr. Ch. Leela Krishna R. Nageswara Rao Asst.Prof. | Asst.Prof. | EEE | | |
| 19 | Mrs. G. Sujatha | Asst.Prof., | EEE | | |
| 20 | Ms. P. Mamatha | Asst.Prof., | EEE | | |

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (For Women)
Shalibanda

| | | | | | |
|-----|-------------------------|--------------|-----|--|--|
| 21 | Mrs. K.V. Dhana Lakshmi | Asst.Prof., | EEE | | |
| 22 | Mrs. A. Naveena | Asst.Prof., | ETE | | |
| 23 | Mrs. M. Jyothsna | Asst.Prof., | ETE | | |
| 24 | Ms. G. Swetha | Asst.Prof., | ETE | | |
| 25 | Mrs. C. Saraswathi | Lab Asst., | ETE | | |
| 26 | Mr. B.V. Prasad Babu | Assoc.Prof., | IT | | |
| 27 | Dr. O. Obulesu | Assoc.Prof., | IT | | |
| 28 | Mrs. V.Usha | Asst.Prof., | IT | | |
| 29 | Mr. A.Bhimasankaram | Asst.Prof., | IT | | |
| 30 | Mrs. A.Nageswari | Asst.Prof., | IT | | |
| 31. | K. Seetha | Asst. Prof | ECE | | |
| 32. | P. Roopa Ranjani | Asst. Prof | ECE | | |
| 33. | G. Sravya | Asst. prof. | ECE | | |
| 34. | Lo Raja Rani | Programmer | IT | | |
| 35. | Divya | Lab asst | ECE | | |

PRINCIPAL
G. Narayanamma Institute of
Technology & Science for women
(AUTONOMOUS)
Shiloh, Hyderabad - 500 104



G. Narayanamma Institute of Technology & Science
(Autonomous)
(For women)

Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad, Accredited by NBA & NAAC an ISO 1990120 certified institution.

CERTIFICATE OF PARTICIPATION


This is to certify that

_____ has actively participated in 10 day faculty development program on "Developing Applications Based on Arduino & Cloud Operations" from **8-3-2021 to 12-3-2021** organized by Department of Computer Science and Engineering, G. Narayanamma Institute of Technology & Science, Shaikpet, Hyderabad.

COORDINATORS

Dr.M.Seetha
PROF. & HOD.CSE

Dr. K. Ramesh Reddy
PRINCIPAL


PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
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CERTIFICATE OF PARTICIPATION

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Dr.O.Obulesu


has actively participated in 3 days faculty development program on "Developing Applications Based on Arduino & Cloud Operations" from 08-03-2021 to 12-03-2021 organized by Department of Computer Science and Engineering,

G. Narayanamma Institute of Technology & Science, Shaikpet, Hyderabad.

COORDINATORS

Dr.M.Seetha
PROF.& HOD.CSE

Dr. K. Ramesh Reddy
PRINCIPAL


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Shaikpet, Hyderabad - 500 104



G NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(Autonomous) (For Women)
Department of Computer Science and Engineering
Faculty Development Program
on
"Developing Applications based on Arduino & Cloud Operations"
(8-3-2021 to 12-3-2021)

Date: 8-3-2021

Feedback form

1. Course Presentation Excellent Good Satisfactory
2. Lecture Excellent Good Satisfactory
3. Objectives of the program have been met fully partly
4. Your Knowledge/Skill level/in subject area after attending this program Enhanced No Enhancement
5. Practical Session are Excellent Good Satisfactory
6. Overall rating of the program Excellent Good Satisfactory
7. Duration of the Program Perfect Need to be increased
8. Any Suggestion for Improvements, please mention any topic of you're interest :

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G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

(For Women)

Department of Computer Science and Engineering &
Electronics and Communications Engineering

A Four Day Faculty Development Program
On

"Developing Applications Based on Arduino and Cloud Operations"
(8th - 10th & 12th March 2021)

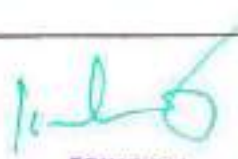
FEEDBACK FORM

Please tick the appropriate

1. Course Presentation Excellent Good Satisfactory
2. Lectures Excellent Good Satisfactory
3. Objectives of the program have been met Fully Partly
4. Your Knowledge / skill level /in Subject area after attending this Program Enhanced No Enhancement
5. Practical Sessions are Excellent Good Satisfactory
6. Overall Rating of the Program Excellent Good Satisfactory
7. Duration of the Program Perfect Needs to be increased

8. Any suggestions for improvements, please mention any topic of your interest:

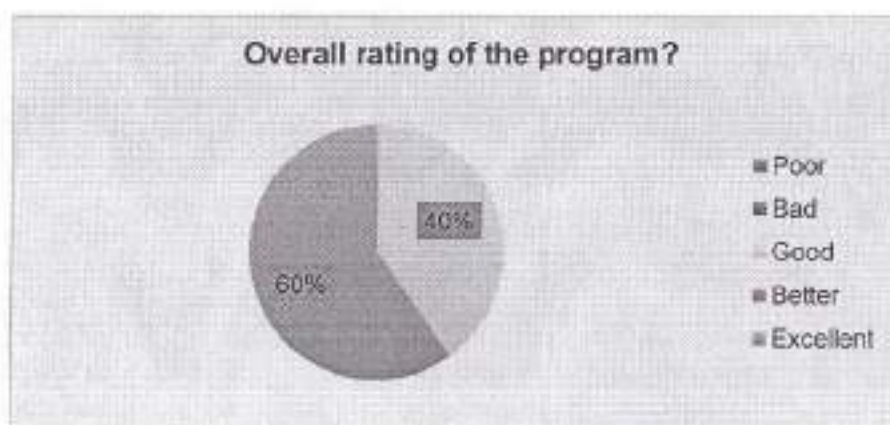
Name : A. Bhima Santharam.
Designation : Asst. Professor.
Department : IT
Phone No : 9160092656
Email ID : dhana1206@gmail.com.


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Chennai, India - 600074

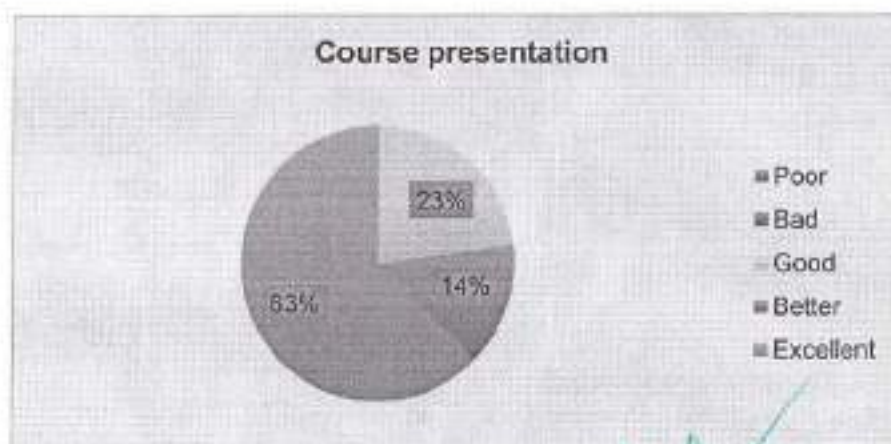

SIGNATURE

**G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS) (For Women)
Department of CSE
Developing Applications based on Arduino & Cloud Operations**

| Row Labels | |
|--------------|-----------|
| Poor | |
| Bad | |
| Good | 14 |
| Better | |
| Excellent | 21 |
| Total | 35 |

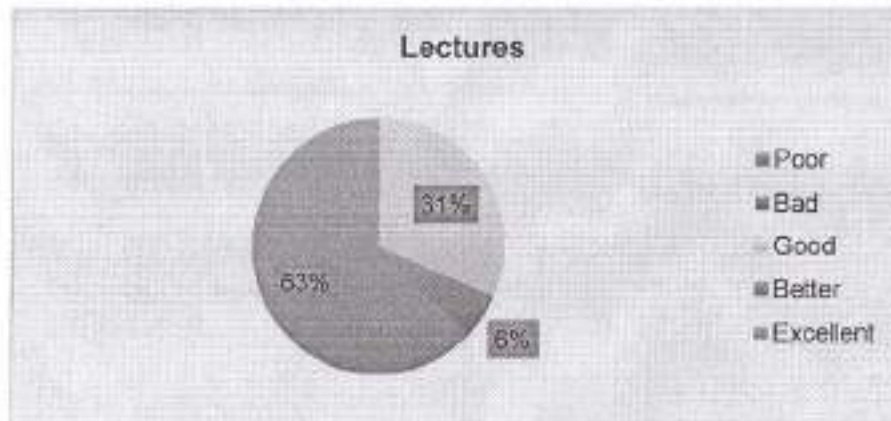


| Row Labels | |
|--------------|-----------|
| Poor | |
| Bad | |
| Good | 8 |
| Better | 5 |
| Excellent | 22 |
| Total | 35 |

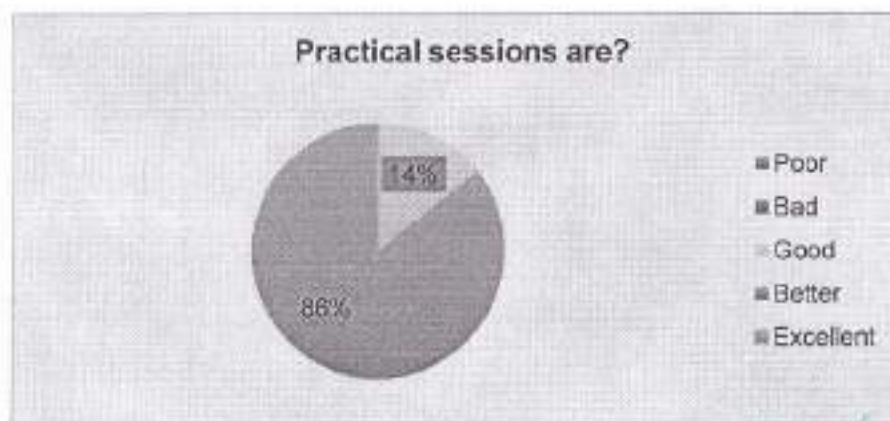


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 (Autonomous)
 Shaikpet, Hyderabad - 500 104

| Row Labels | |
|--------------|-----------|
| Poor | |
| Bad | |
| Good | 11 |
| Better | 2 |
| Excellent | 22 |
| Total | 35 |
| | 35 |



| Row Labels | |
|--------------|-----------|
| Poor | |
| Bad | |
| Better | |
| Excellent | 30 |
| Total | 35 |
| | 35 |





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Shaikpet, Hyderabad – 500104
Department of CSE

Action Taken on FDP “Developing applications based on Arudino & Cloud Operations”
Held from 08-03-2021 to 12-03-2021

Actions Taken:After conducting an in-depth analysis of the feedback received for our Faculty Development Program (FDP), we found that the assignments and overall rating were slightly below our expectations. To address this concern and ensure a more enriching learning experience for our participants, we have decided to take decisive actions. Moving forward, we will be transitioning the FDP to an offline mode. This change aims to foster better engagement and interaction among participants, providing them with a more conducive environment for learning and collaboration. Additionally, we will be incorporating valuable insights from the feedback into the course content and structure, tailoring it to meet the specific needs and preferences of our participants. By implementing these actions, we are confident that the FDP will witness significant improvements, enabling us to better support the professional growth and development of our faculty members. We are excited about this positive change and look forward to the enhanced outcomes it will bring.

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Shaikpet, Hyderabad – 500104

Department of CSE

Developing Applications based on Arduino & Cloud Operations

(8th -10th & 12th March 2021)

FEEDBACK

Keynote Speaker Name : Dr.C.Padmaja,GNITS

Topic : Python Programming & Python Libraries

Date : 08-03-2021

1.How would you rate the usefulness of the content?

Excellent Very Good Good Satisfactory

2.How would you rate the resource person's Knowledge?

Excellent Very Good Good Satisfactory

3.Do you feel the session is useful for acquiring knowledge and skills?

Yes NO

4.The presentation was well organized & held my attention.

Yes NO

5.What is the best idea you have learnt that you plan to use in future?

6.Do you have any other suggestions or comments?

No

***** Thank you very much for your participation *****

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Principal
Department of CSE
Shaikpet, Hyderabad - 500 104



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

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Shaikpet, Hyderabad – 500104**

(For Women)

Report on

DEVELOPING APPLICATIONS BASED ON ARDUINO & CLOUD OPERATIONS

Date: 08-03-2021 to 10-03-2021,12-03-2021

Number of Participants: 40

About the program:

This FDP was planned with an Objective for faculty to have hands on experience in Arduino, Sensors hardware, Python and Cloud communication experiments. The FDP was scheduled with theory, demo and practical followed by simple projects.

Day1 (08-03-2021): Session on Arduino Uno and Nano Architecture, Interface with Sensors

Day2 (09-03-2021): Session on Python programming and Python Libraries.

Day3 (10-03-2021): Session on Developing GUI for Database Service applications.

Day4 (12-03-2021): Session on Machine Learning concepts on Classification and Regression.

Number of Participants
Benefited: 40

Overall Feedback:

Overall online feedback was taken from participants and the response collected was 80% excellent, the sessions were very interactive and worthful helping participants to drive into future analytics for decision making

Workshop Coordinators

Dr. A Sharada, Prof., in CSE

Dr. Renuka Devi S M, Prof., ECE

M. Sathya
HOD-CSE

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