



**SRI GVG VISALASKHI COLLEGE FOR WOMEN**  
Autonomous & Affiliated to Bharathiar University  
**Accredited at A<sup>+</sup> Grade by NAAC (4<sup>th</sup> Cycle)**  
An ISO 9001:2015 Certified Institution  
**Udumalpet-642128**



**Department of B.SC Computer Science (Artificial Intelligence)**

Guest Lecture on Embedded System in IOT

**Invitation**

**Sri GVG Visalakshi College For Women**  
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Udumalpet

Department of Computer Science  
(Artificial Intelligence)  
Organises  
Guest Lecture On  
**Embedded & IoT**  
By  
Mr.S.Selvakumar  
&  
Mr.T.Ramkumar  
Project Engineer  
Marcello Tech - Trichy

Date: 04.09.2023  
Session: FN & AN

Venue : DST LAB

Covenor Dr.J.Rajeswari Head & Assistant Professor Department of CS (AI)	Organising Committee Dr.A.Elakkiya Dr.K.Pavithra Department of CS(AI)	Principal Dr.N.Rajeswari
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All Are Cordially Invited!!!

## Guest Lecture on Embedded System in IOT

### Report

#### Guest Lecture on Embedded System in IOT

Date: 04.09.23

Time: 1:30 to 3:30 PM

Venue: DST Lab

Guest lecture on "Embedded System in IOT" was conducted by the Department of Computer Science (Artificial Intelligence)

Resource Person: Mr. S. Selvakumar & Mr. T. Ramkumar  
Project Engineer, Marcella Tech  
Trichy

In the Afternoon session the following content were taught to the students through offline mode:

- ↳ Introduction to Embedded system
- ↳ Application of fundamentals
- ↳ IOT Fundamentals
- ↳ Arduino kit Overview
- ↳ Introduction of Node MCU ESP8266 Board
- ↳ Sensor
- ↳ Interface Ultrasonic Sensor with Arduino
- ↳ Interface DHT11 Sensor with Arduino
- ↳ Practical Demonstration  
    & Include connecting sensor and actuators to Arduino Board, writing and uploading code and monitoring data using IOT Platform.

## ↳ Case Study

The Resource Person presented real world case studies of IoT applications powered by Arduino, showcasing its relevance field such as agricultural, health care, smart cities.

↳ Resource Person explained the Basics of IoT its components, and its Impact on Various Industry.

## Outcomes:

\* The Students gained knowledge on Embedded System in IoT and practical experience with Arduino kits. [Arduino pins, ground pin, solder, IoT server]

\* And finally the Students were able to work with Blynk cloud software and make the Embedded to run.

No. of beneficiaries: 57 Students and 3 Faculty.

S. Selvaraj, Ramkumar

Resource Person

1. Mr. S. Selvakumar

2. Mr. T. Ramkumar

Head of the department:  
[Dr. J. Rajeswari]

Rajeswari N.

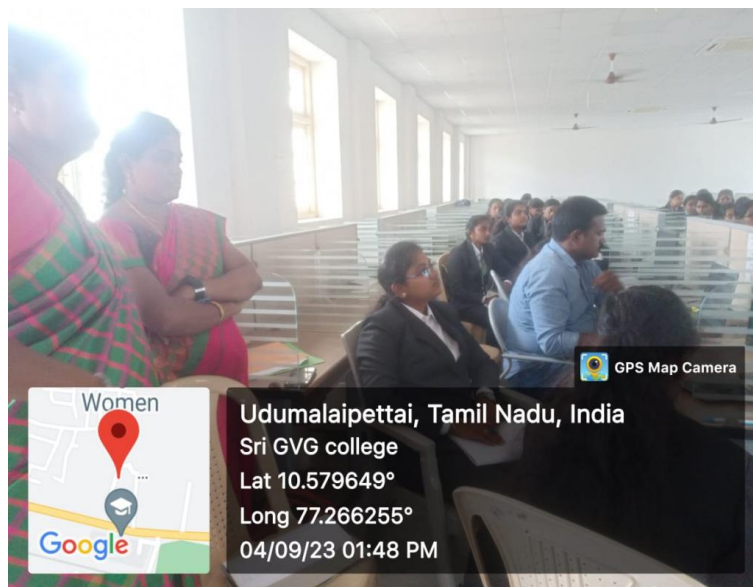
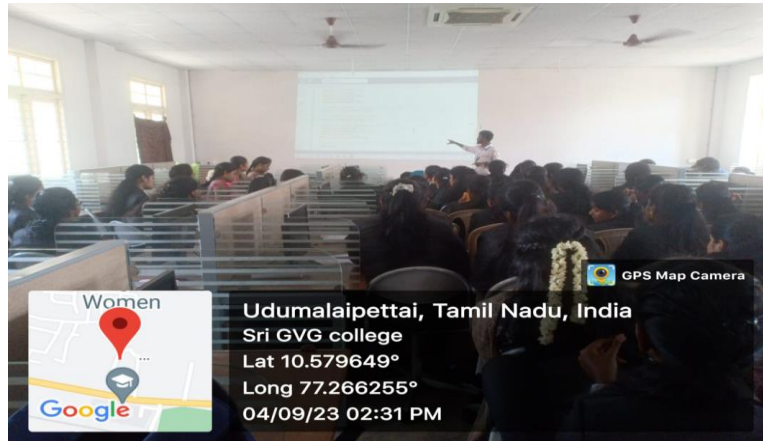
Principal

[Dr. N. Rajeswari]

PRINCIPAL  
SRI GVG VISALAKSHI COLLEGE  
FOR WOMEN (AUTONOMOUS)



## IoT Project Presentation Guidelines on 04.09.2023



## Participants Name list

S.No	Reg.No	Name
1	22BF0928	ABINAYA.N.R
2	22BF0929	ANKITA SUBASHREE. S
3	22BF0930	BOOMATHI.R
4	22BF0931	DARSHANA.B
5	22BF0932	DEVASHREE. R
6	22BF0933	DHARUNIKA.S
7	22BF0934	DIVYA.R
8	22BF0935	GOWSIKA.S
9	22BF0936	HEMA.V
10	22BF0937	KARUNAMBIKA.K
11	22BF0938	KEERTHANA.R
12	22BF0939	LAVANYA. B.P
13	22BF0940	PONBHUPANA. R
14	22BF0941	POOJA SRI. N
15	22BF0942	PRAGHALYA.T
16	22BF0943	PREETHI GANESH
17	22BF0944	RAGINI.R
18	22BF0945	UMADEVIC.S
19	21BF0316	ANUSHYA G
20	21BF0317	DHARSHINI A
21	21BF0318	JANANI E
22	21BF0320	NAKSHATHRA M
23	21BF0321	ROSHNI L
24	21BF0322	SHARMILA A
25	21BF0323	SNEKA M
26	21BF0324	SOWMIYA J
27	21BF0325	TAMIZH ARASI S
28	23BF1529	DEEPIKA.V
29	23BF1530	GANGADEVI.M
30	23BF1531	KIRTHIKA.K
31	23BF1532	MIRUTHULASHRI.R
32	23BF1533	NANTHANA SHRI.M
33	23BF1534	POOJA.S
34	23BF1535	RITHINIGA.N
35	23BF1536	SANDHIYA.S (2005)
36	23BF1537	SANDHIYA.S (2006)
37	23BF1538	SANGAMITHRA.L
38	23BF1539	SRI DARSINI.J
39	23BF1540	SRI NIVETHA.G

**Participants Name list**  
**Department of B.Com (Business Analytics)**

S.No	Reg.No	Name
40	21BY0535	Aarthy . S
41	21BY0536	Anis Fathima .A
42	21BY0537	AyishaMarliya .S
43	21BY0538	Dharshini. K
44	21BY0539	Farhana shaliah. K
45	21BY0540	JaisreeR.G
46	21BY0541	Madhavika P
47	21BY0542	Roshima. S
48	21BY0543	Sathiya M
49	21BY0544	Sivaranjini.A
50	21BY0545	Sowmiya. K
51	21BY0546	TamaraiSelvi.A
52	22BY1120	Divyadharshini A.M
53	22BY1121	Jasira A
54	22BY1122	Jayasree R



Signature of the HOD

**Dr.J.Rajeswari**