



SRI G.V.G VISALASKHI COLLEGE FOR WOMEN
Autonomous & Affiliated to Bharathiar University
Accredited at A⁺ Grade by NAAC (4th Cycle)
An ISO 9001:2015 Certified Institution
Udumalpet-642128



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

Hands – On – Training Invitation



**SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN
(AUTONOMOUS)
ACCREDITED AT A⁺ GRADE BY NAAC (4TH CYCLE)
AN ISO 9001:2015 CERTIFIED INSTITUTION UDUMALPET**



Department of B.Sc CS (Artificial Intelligence)
**Two Days Hands – On – Training in
“Robotics Programming”**
By
Mr. V.Prabakaran
Department of Electrical and Electronics Engineering,
Embedded Systems & Robotics Lab,
RMPTC,
Udumalpet.



Date : 12.05.2022&13.05.2022 Mode : Offline Time: 01.30 to 04.00 p.m.

Organising Committee
Department of B.Sc CS
(Artificial Intelligence) **Dr.N.Rajeswari
Principal**

All are Cordially Invited!!!

Two Days Hands – On – Training in “Robotics Programming”

Department of B.SC Computer Science(Artificial Intelligence) of Sri G.V.G Visalakshi College for Women, Udumalpet organized a Two days hands – on – training in “Robotics Programming” on 12.05.2022 & 13.05.2022 - 01.30 pm - 04.00 pm.

In Two Days Hands – on- The first day training they discussed about introduction to firebird – V Robotics, I/O interfacing in firebird –V Robotics, Motion control using PWM in firebird-V, LCD Interfacing, ADC on firebird V Robotics.

In continuation with the first day sessions, on the second day, demonstrated the following

topics:

- LCD interfacing on Firebird V platform.
- Interruptson Firebird V Robots.
- Using ADC on Firebird V robots

At the end of the session, students created sample C Programming codes for Robots Operations.

No of Beneficiaries: 22

A Two days hands on training program.

Topic: Robotics Programming.

Dates: 12th & 13th May 2022

Time: 1.30 to 4.30 PM

Venue: Room no 23

A Two days hands on training program in "Robotics Programming" was organized for the 1st year B.Sc (CS) (AI) students.

The Resource Person for the workshop was Mr. V. Prabakaran, Lecturer, Dept of ECE, RMPIC, Udumalpet.

* On the first day (12/5/2022), Mr. V. Prabakaran allowed the students in the following topics through demos.

- ↳ Introduction to Firebird V Robotics Platform.
- ↳ Basic I/O interfacing in firebird v. Robotics platform.
- ↳ Motion Control of firebird v. Robotics platform.
- ↳ Motion Control using PWM in firebird v.

* In continuation with the first day sessions, on the second day (13/5/2022) Mr. V. Prabakaran demonstrated the following topics.

- ↳ LCD Interfacing on Firebird V platforms.
- ↳ Interrupts on Fire-bird v. Robots.
- ↳ using ADC on Firebird V Robots.

* At the end of the session,
Students created sample 'C' Programming
codes for Robots operations.

NO of Beneficiaries : 08

[H.O.D]

Rajiswari D
13-5-22
[Principal]

V. Prasad
13/5/22
[Resource person]

Geo Tag Photos of Workshop



List of Participants

Department of B.Com (Business Analytics)

S.no	Register No	Student Name
1	21BY0535	Aarthi S
2	21BY0536	Anish fathima A
3	21BY0537	Ayisha maraliya S
4	21BY0538	Dharshini K
5	21BY0539	Farhana shaliha k
6	21BY0540	Jaisree RG
7	21BY0541	Madhavika P
8	21BY0542	Roshima S
9	21BY0543	Sathiya M
10	21BY9146	Sivaranjini A
11	21BY0545	Sowmiya K
12	21BY0546	Thamarai Selvi A

Department of B.Sc CS (Artificial Intelligence)

S.no	Register No	Student Name
1	21BF0316	ANUSHYA G
2	21BF0317	DHARSHINI A
3	21BF0318	JANANI E
4	21BF0319	MAANASA
5	21BF0320	NAKSHATHRA M
6	21BF0321	ROSHNI L
7	21BF0322	SHARMILA A
8	21BF0323	SNEKA M
9	21BF0324	SOWMIYA J
10	21BF0325	TAMIZH ARASI S

Attendance

Sri G.V.G Visalakshi College for Women
Department of B.Sc CS (Artificial Intelligence)
Two Days Hands - On - Training in
"Robotics Programming"

S.no	Register No	Student Name	12/05/2022	13/05/2022
1	21BF0316	ANUSHYA G	On Anushya	On Anushya
2	21BF0317	DHARSHINI A	Dharshini	Dharshini
3	21BF0318	JANANI E	E. Janani	E. Janani
4	21BF0319	MAANASA	- Long	Absent -
5	21BF0320	NAKSHATHRA M	Harshini	Harshini
6	21BF0321	ROSHNI L	L. R. N	L. R. N
7	21BF0322	SHARMILA A		
8	21BF0323	SNEKA M	M. Sneha	M. Sneha
9	21BF0324	SOWMIYA J	Sowmiya	
10	21BF0325	TAMIZH ARASI S		

Department of B.Com (Business Analytics)

S.no	Register No	Student Name	12/05/2022	13/05/2022
1	21BY0535	Aarthi S	S Arthi	S Arthi
2	21BY0536	Anish fathima A	A Anishfathima	A Anishfathima
3	21BY0537	Ayisha maraliya S	S Ayisha Marliya	S Ayisha Marliya
4	21BY0538	Dharshini K	K Dharshini	K Dharshini
5	21BY0539	Farhana shaliha k	k Farhana sh	k Farhana sh
6	21BY0540	Jaisree RG	R. G. Jaisree	R. G. Jaisree
7	21BY0541	Madhavika P	P. Madhavi	P. Madhavi
8	21BY0542	Roshima S	S Roshima	S Roshima
9	21BY0543	Sathiya M	Sathiya	Sathiya
10	21BY9146	Sivaranjini A	A. Sivaranjini	A. Sivaranjini
11	21BY0545	Sowmiya K	K Sowmiya	K Sowmiya
12	21BY0546	Thamarai Selvi A	A. Thamarai Selvi	A. Thamarai Selvi

Feedback Analysis

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: A. Sivarajini Department of T. R. COM (BA)

Institution Name: Sri. Gr. V. G. Visalakshi clg for women Date: 12 / 05 / 2020

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	4
B	The content sequence was well planned.	3
C	The delivery of course contents met with your expectation?	4
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practices.	5
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	4

Any additional comments you wish to share?

I like this section

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: S. Anurag Department of T. R. COM (BA)

Institution Name: Sri. G.V.G. V.C. Date: 12 / 05 / 2020

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	4
B	The content sequence was well planned.	3
C	The delivery of course contents met with your expectation?	5
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practices.	5
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	4

e Yantra - Embedded Systems & Robotics Lab
 e Yantra - Embedded Systems & Robotics Lab
 Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
 Robotics Course Feedback Form

Student Name: M. Nakshathra

Department of Artificial Intelligence

Institution Name: G.V.G.V.C

Date: 12 / 05 / 2022

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	5
B	The content sequence was well planned.	5
C	The delivery of course contents met with your expectation?	5
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	4
G	The course exposed you to learn new knowledge / practices.	4
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	5

Any additional comments you wish to share?

I would like to learn more about this in future.

e Yantra - Embedded Systems & Robotics Lab
 Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
 Robotics Course Feedback Form

Student Name: M. Sneha

Department of Artificial Intelligence

Institution Name: G.V.G.V.C

Date: 13 / 05 / 2022

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	5
B	The content sequence was well planned.	5
C	The delivery of course contents met with your expectation?	5
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	4
G	The course exposed you to learn new knowledge / practices.	5
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	5

Any additional comments you wish to share?

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: G. Anushya Department of B. Sc. CS (AI)

Institution Name: G.V.G. VC Date: 13 / 05 / 22

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	5
B	The content sequence was well planned.	5
C	The delivery of course contents met with your expectation?	5
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	4
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practices.	5
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	5

Any additional comments you wish to share?

I like this course, I like to among
learn more the future

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: P. Madhavika Department of I- B. Com (BA)

Institution Name: G.V.G. VC Date: 13 / 05 / 2022

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	5
B	The content sequence was well planned.	5
C	The delivery of course contents met with your expectation?	5
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practices.	5
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	5

Any additional comments you wish to share?

It is very useful to gain new knowledge but the

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: K. Farhana shalika Department of I-B.com (BA)

Institution Name: G.V.O.V.C Date: 13 / 05 / 22

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	5
B	The content sequence was well planned.	5
C	The delivery of course contents met with your expectation?	5
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practises.	5
H	Class room / lab ambience helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	5

Any additional comments you wish to share?

..... it is very useful to learn new knowledge
..... but the time for robotic course is very less

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: P. G. Jayaseel Department of I. B.com (BA)

Institution Name: G.V.O.V.C Date: 13 / 5 / 22

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	5
B	The content sequence was well planned.	4
C	The delivery of course contents met with your expectation?	4
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practises.	5
H	Class room / lab ambience helps to enhance the learning / doing practical.	3
I	Will you recommend similar course in future?	5

Any additional comments you wish to share?

..... I like the course, It is very useful to learn new knowledge
..... but the given time is less, we need more time to learn the course.

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: F. Janani

Department of B.Sc CS(AI)

Institution Name: G.V.G.V.C

Date: 13 / 15 / 2022

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	4
B	The content sequence was well planned.	5
C	The delivery of course contents met with your expectation?	4
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practices.	5
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	5

Any additional comments you wish to share?

I like this session and we need extra class!

e Yantra - Embedded Systems & Robotics Lab
Rudhraveni Muthuswamy Polytechnic College, Udumalpet.
Robotics Course Feedback Form

Student Name: L. Reshni

Department of B.Sc CS(AI)

Institution Name: G.V.G.V.C

Date: 13 / 15 / 2022

Please respond below with 1,2,3,4 or 5.

1. Strongly Disagree 2. Disagree 3. Cannot Say 4. Agree 5. Strongly Agree

A	Was the course topics interesting for you?	4
B	The content sequence was well planned.	5
C	The delivery of course contents met with your expectation?	5
D	The content was illustrated with adequate examples.	5
E	The technical level of the course was as per your expectation.	5
F	You got enough opportunity for doing the robotic practical.	5
G	The course exposed you to learn new knowledge / practices.	5
H	Class room / lab ambiance helps to enhance the learning / doing practical.	4
I	Will you recommend similar course in future?	4

Any additional comments you wish to share?

I like this session and we need extra classes.

