

5.1.2 Following capacity development and skills enhancement activities are organised for improving students capability

4. Awareness of trends in technology

Year	Name of the capacity development and skill enhancement program	Page No
2018-19	SPECTRUM 2018-National Level workshop on ARDUINO and RASPBERRY PI system development (complete)	2-13
2018-19	LaTeX Workshop	14-16
2019-20	LaTeX Workshop	17-20
2020-21	LaTeX Workshop (Online)	21-24
2021-22	LaTeX Workshop	25-28
2022-23	Skill Development in Digital Payments System	29-30
2022-23	Digital Transformations & E - Banking Services	31-32
2022-23	LaTeX Workshop	33-36




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PROGRAMME 1 - SPECTRUM 2018

ACTIVITY REPORT OF ELECTRONICS -2018

Activity Report of Capacity Building Programme/ Skills Enhancement Initiative(1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/Computing Skills) Should contain following details

Name of Capacity Building/Skills enhancement Programme	SPECTRUM 2018-National Level workshop on ARDUINO and RASPBERRY PI system development
Organized by (Mention Department/Cell/Club Name)	Electronics
Co-ordinator	Dr.Sreejith . M.Nair
Date of Activity	09-10,October 2018
Mode of Activity	Offline
Name of the agencies/consultants involved with contact details	Directorate Collegiate Education (DCE) kerala
Number of Students Enrolled	78
Resource Person	Mr. Vishnukumar.V
Venue	EDUSAT room and Electronics lab
Programme Objectives	To familiarize the ATMEGA processor and ARDUINO board and its applications in embedded systems
Programme Outcome	Got knowledge about ATMEGA processor and ARDUINO board , and its various application in various fields
About The Programme	The inauguration was at 9.30 AM on 9/10/2018.The meeting was presided by Dr. Nishamol. M.S. Prof. Anand viswaanath R inaugurated the workshop. Eminent persons of the college offered the felicitations. In first day, Mr. Vishnukumar, (Research scholar in Department of instrumentation, CUSAT), was the



	resource person offered the basics and simulation of ATMEGA processor and ARDUINO board . The second day was introduction about PYTHON language and RASPBERRY PI
Brochure	
Attendance Sheet	
Geo Tagged Photo	

Brochure



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Brochure - SPECTRUM 2018

Spectrum 2018

October 9-10


Spectrum 2018

October 9-10

National Level Workshop on Arduino & Raspberry Pi System Development


About The College

Located 20Kms East South of Palakkad city and 40 Km west of Coimbatore on about 49 acres on the sides of Paparayini River, the main-campus of Govt. College, Chittur is serene and beautiful. The irregular campus is influenced by above 500 species of Fauna and 600 species of Flora. The Rolling hills with patches of thick green and plated trees, plenty of fresh air and sunshine lifts the spirits of students, staff and faculty. The main administrative block is built in traditional Kerala style with tiled roof. The main campus houses 14 teaching and research departments, 2 hostels, Music Concert Hall, computer center and an administrative office.



ORGANISED BY: DEPARTMENT OF ELECTRONICS

NEWLINE
Institution: Educat Sociel
Technical Subjects: Electronics Laboratory



Govt. College, Chittur
UNIVERSITY OF CALICUT
Palakkad-678 004, Kerala, India
Ph: 914725 0200 FAX: 914725 2254
Email: eelectronics@chitturcollege.ac.in
Approved by:
Directorate of Collegiate Education,
Govt. of Kerala




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Brochure - SPECTRUM 2018

PSM/MA0287/

We are pleased to announce a National Level workshop on "ARDUINO and Raspberry Pi System Development" on 9-10, October 2018 at the Department of Electronics, Govt. College Chittur, Palakkad. We solicit active participation of faculty members and students of your institution for the workshop.

Prof. Anand Vasanthan J
Principal

Dr. Nishamal M S
HOD

Spectrum 2018

October 9-10

National Level Workshop on Arduino & Raspberry Pi System Development

The seventh National level Workshop, "Spectrum 2018" organised by Electronics Department, Govt. College Chittur, Kerala is scheduled to be held on 9 to 10 October 2018. The workshop, funded by the Directorate of Collegiate Education, Govt. of Kerala, is intended to provide an extensive forum for developing the current need programming skills in the field of Arduino and Raspberry Pi. This will expose young talents to exciting innovations in the frontier field of Electronics and its applications. The workshop session will give opportunities for the scholars to nourish their knowledge to cope with the recent trends in the field.

Programme Schedule

Day 1 Tuesday 9th - October 2018

09.00 am	Registration
09.30 am	Workshop opening
10.00 am	Workshop inauguration
11.30 am	"Basics of Microcontrollers"
11.45 am	Tea Break
01.15 pm - 1.45 pm	Workshop Inauguration
01.45 pm	"Overview of ATMEGA & Arduino"
03.15 pm	Workshop Inauguration
03.30 pm	"Hands on Training on Arduino"
	Tea Break
	Workshop Inauguration
	"Future Project Applications"

Day 2 Wednesday 10th - October 2018

09.30 am	Workshop Inauguration
11.00 am	"Introduction to Raspberry Pi"
11.15 am	Tea Break
11.30 am	Workshop Inauguration
11.45 pm - 1.15 pm	Basics of Python Programming
01.15 pm	Workshop Inauguration
01.30 pm	Workshop Inauguration
02.45 pm	Hands on Session on Raspberry Pi
03.00 pm	Tea Break
03.15 pm	Workshop Inauguration
04.10 pm	"Future Project Applications"
	Workshop Inauguration

Mr. Vishankumar V.
Department of Instrumentation
Cochin University of Science and Technology

Post Free to Contact
Dr. Mahesh M. S. (HOD)
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Dr. Nishamal M. S. (Coordinator)
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Govt. College Chittur
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Attendance



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Attendance - SPECTRUM 2018

GOVERNMENT COLLEGE CHITTUR, PALAKKAD
DEPARTMENT OF ELECTRONICS
 Collegiate Education, Govt. Of Kerala Sponsored Two Day National Workshop - **SPECTRUM 2018**
ARDUINO & RASPBERRY PI SYSTEM DEVELOPMENT
 (09th - 10th October 2018)
Attendance - Day 1 (09/10/2018)

Sl. No.	Name	Signature			
		Session 1	Session 2	Session 3	Session 4
1.	Ishaan Alomud A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2.	Satheshkumar K.V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3.	Vishnukumar V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	Vineth P.V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5.	BINCY BABY	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6.	Neethu B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7.	Shameena K.K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8.	DIVYA LINA KRISHNAN	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	Reshma P.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10.	Dinay K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11.	Anasheedha Fathima A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12.	SREELA S. NAIR	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	Pramodkumar K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	Shameen Muhammedan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	SHEENA B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16.	Shrey P. Hemza	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17.	Sanyetha Gopuath	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18.	Dr. U.N. Prasanth	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19.	Mary Shaleet T.J.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>



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Attendance - SPECTRUM 2018

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Sl. No.	Name	Signature			
		Session 1	Session 2	Session 3	Session 4
20	Dr. Veena T G				
21	Deepa V				
22	Ruby R				
23	Shine Lal E				
24	Binda C				
25	Prana P.				
26	VIJAYAKRISHNAN MV.				
27	RAMNAGARAJAN ED				
28	Dr. Prayath T M				
29	Suresh kumar k				
30	Anshika V				
31	Abhinav P.L				
32	Mohd. shameem R.				
33	Suresh P				
34	Roobina A.				
35	Prasanna				
36	Dr. Jayaraj K				
37	Dr. Pradeepan				
38	Binu Mol T V. Asst. Prof. in computer science				




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Attendance - Day 2 (10/10/2018)

Sl. No.	Name	Signature			
		Session 5	Session 6	Session 7	Session 8
1	BINJOY BASU	<i>Binjoy</i>	<i>Binjoy</i>	<i>Binjoy</i>	<i>Binjoy</i>
2	Neethu-B	<i>Neethu</i>	<i>Neethu</i>	<i>Neethu</i>	<i>Neethu</i>
3	Shameena-K.K	<i>Shameena</i>	<i>Shameena</i>	<i>Shameena</i>	<i>Shameena</i>
4	DIVYA UNNIKRISHNAN	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>	<i>Divya</i>
5	SARADA E. NADIR	<i>Sarada</i>	<i>Sarada</i>	<i>Sarada</i>	<i>Sarada</i>
6	Amrith K	<i>Amrith</i>	<i>Amrith</i>	<i>Amrith</i>	<i>Amrith</i>
7	Rishma.P	<i>Rishma</i>	<i>Rishma</i>	<i>Rishma</i>	<i>Rishma</i>
8	Aneera Babuina A	<i>Aneera</i>	<i>Aneera</i>	<i>Aneera</i>	<i>Aneera</i>
9	Shameer Muhammedaw	<i>Shameer</i>	<i>Shameer</i>	<i>Shameer</i>	<i>Shameer</i>
10	K.M. Gayathiridevi	<i>K.M. Gayathiridevi</i>	<i>K.M. Gayathiridevi</i>	<i>K.M. Gayathiridevi</i>	<i>K.M. Gayathiridevi</i>
11	SAENA B	<i>Saena</i>	<i>Saena</i>	<i>Saena</i>	<i>Saena</i>
12	Prasanth Kumar K	<i>Prasanth</i>	<i>Prasanth</i>	<i>Prasanth</i>	<i>Prasanth</i>
13	Shrey A Hanja	<i>Shrey</i>	<i>Shrey</i>	<i>Shrey</i>	<i>Shrey</i>
14	Sangeetha Gopinath	<i>Sangeetha</i>	<i>Sangeetha</i>	<i>Sangeetha</i>	<i>Sangeetha</i>
15	Viveesh.P.V	<i>Viveesh</i>	<i>Viveesh</i>	<i>Viveesh</i>	<i>Viveesh</i>
16	Vishvankumar V	<i>Vishvan</i>	<i>Vishvan</i>	<i>Vishvan</i>	<i>Vishvan</i>
17	Sathesh Kumar K V	<i>Sathesh</i>	<i>Sathesh</i>	<i>Sathesh</i>	<i>Sathesh</i>
18	Ishaq. Ahmed M	<i>Ishaq</i>	<i>Ishaq</i>	<i>Ishaq</i>	<i>Ishaq</i>
19	KAMABADRAN K D	<i>Kamabadr</i>	<i>Kamabadr</i>	<i>Kamabadr</i>	<i>Kamabadr</i>



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Sl. No.	Name	Signature			
		Session 5	Session 6	Session 7	Session 8
20	Anilash P.L	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	Suresh P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	RUDRANA P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	Prasanna	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	Dr. Jayaram	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
25	Dr. Richard San	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26	Dr. Nishamol M S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27	Dr. Suresh M. Nair	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	Jasmine P.M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	PREETHY. K. JOHN	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	Paula Thomas	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
31	Dr. Babanunagan A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
32	Dr. Suresh R	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	Reji M Isaac	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34	Joseph John	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35	Anju P. Mathan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
36	Dr. Sarin V.P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
37	Pankajakishan P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
38	Dr. Sidharth T.P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>



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Sl. No.	Name	Signature			
		Session 5	Session 6	Session 7	Session 8
39	Nazim Rajan.s				
40	Srinivas				




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Photos

Photos - SPECTRUM 2018, Day 1 (October 9, 2018)



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Photos - SPECTRUM 2018, Day 2 (October 9, 2018)




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