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





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 Palakkad, Kerala Pin-678 104	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

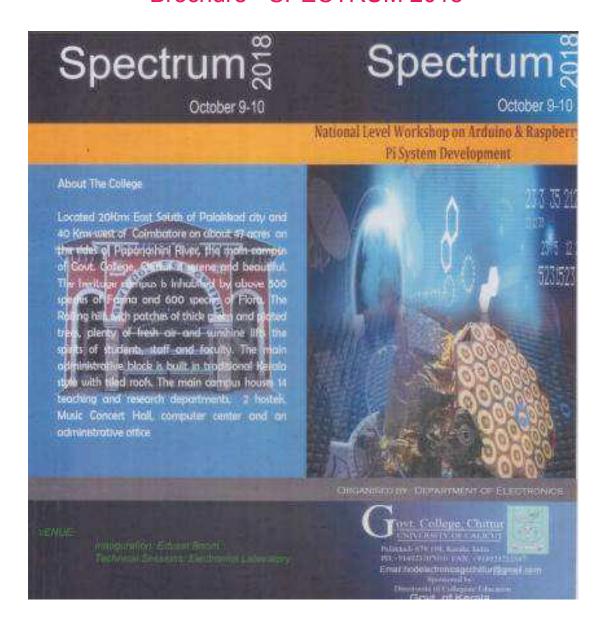
	resource person offered the basics and simulation of ATMEGA processor and ARDUINO board . The second day was introduction about PYTHON language and RASPBERRY PI
Brochure	
Attendence Sheet	
Geo Tagged Photo	

Brochure





Brochure - SPECTRUM 2018







Brochure - SPECTRUM 2018







((09th - 10th Octo	ber 2018)		
Attendance - Day 1 (09/10/2018) Signature					
SL No.	Name	Session 1	Session 2	Session 3	Session 4
1.	Isham Ahammad A	win	oh.	webs.	mh.
2	Sameshkunen KV	CARREL	(mg/ss-1	Conglite	Constant
3	Vishnukuman V	1	سيلا	24	2
4	Vinesh PV	70	Age	25	20
5	BINCY BARY	Section	1969	ngin.	1600
6	Northy B	Alls	sall-	AL.	sight.
#	Shameena K.K.	Keno 10	Karry Jes	Sam to	(Rom fee
2762		2	2	A)-	-
8	DIVYA UNDUKE ISHWA V	D.	(A)	1	- A
10	Reshona P. Down, k	and	ligh.	age	Gyan.
-	Angelsko, Fodhimo A	hans	100	1-0-04	AA
11	- American	And	Out	Bus	(Aud
13		Oh .	CA	1	1
14	Shamen Muhammedan	8	8	8	8.
15		66	164	904	2005
. 16			A.		
		Calle	gar	ar	Gift .
11	A Comment	1	610	100	5
46	AN CAMP OF S	No.	3	CS\$/	3/
14	Hong Shader 112	1 27	7	- 4	





1.	Atten	to Sponsored Two RASPBERRY Pt. (09" – 10" Oct adance – Day	1 (09/10/20	18)	
-		Signature			CITE S
SI. No.	Name	Session 1	Session Z	Session 3	Sessio
		Ser!	Xlay /	De	N
20	Do Verna 1 G	2011	*	76	-X
21	Deepa V	2	8	*	3×
42	Ruby R	His	Her	*	20%
23	Shine Lal E	Dade_	Rudu	Bude	July 1
24	Bendu C	1 sec	- Low	Wash.	V
26	Prana P.	Macal	MARGAM	T Varyage	CARTO
46	ULTAYAKRISH NAN HY	Transfer	DE-	25	do
20	RAMAGA DRAN-ED	O whe	Rock	(Capter)	(89
58	DV Pageth TH	JAMPS (L	Shirt	The	-
99	Spreak kom 64	197	1	Ans	
30	. Ambika-V	7,000		1	- Ju
31	dendah. P.L.	1 3/	4 . S	3	2
32	. Imond, shancers t	1 1 X	-10		
3	3 Suresh F	W/	. %.	TO COLON	W 3
3/	Loobins A-	4/00	-		- to
	r Frank ha	1 1	1.1	1	10
2	6. Da Jayur	K On	~ (A)	2 Cm	- CX
1	7 Dr. Richis an	. Ne	1	10	Ned A
	8 Biny Mot TV	in But	us le	A	1





-	At	fel.m - 10.	PISISTEM DE 1 October 2018) Day 2 (10/10/2			
SI.		Signature				
No		Session 5	Session 6	Session 7	Sessio	
W	BINITY BADY	19364	1994	Wies.	Sans	
50	Neethu-B	NA	J. T.	with the	a Ste	
3	Shameena-K-K	Bamto	. Mara too	Comer fac	Barn	
4	DIVYA UNNIKPISHAJAN	D-	20	10	A	
5-	SREED S NIME	Aust	But	100	福之	
6	Amonp. K.	and the	Diagle.	(bell	Cont	
4	Rishma. P	62	42	40	(4)	
8	Aneedro Collination of	N.O.A	11-0-12	1-2-0	A (1)	
9	Shamer Muhammadan	8	82	- MA	5	
10-	K. M. Gayathmology	From Supp	KM Gaga	KH C.	K.M. Cu	
ne	SHERNA B	100	And.	April-	AGA.	
/2	Present Konner, K.	A.	CAL	CA	UA.	
19	Shery P. Hanga		ALL I	044		
14.	Sangerma Gopwall	gare-	Code -	- 04	Code	
15	Vivest P.V	To the	No.	100	N	
16	Vishouskuman v	NA	VA -	V	1	
17	Sathreach bernen K. V	Competinel,	Care Barre	-0000	and on	
18	Ishaq Ahammed A	grading	votes.	YALM	Constitution	
0.44	RAMABADRAN LD	00-	170	-000	1946	

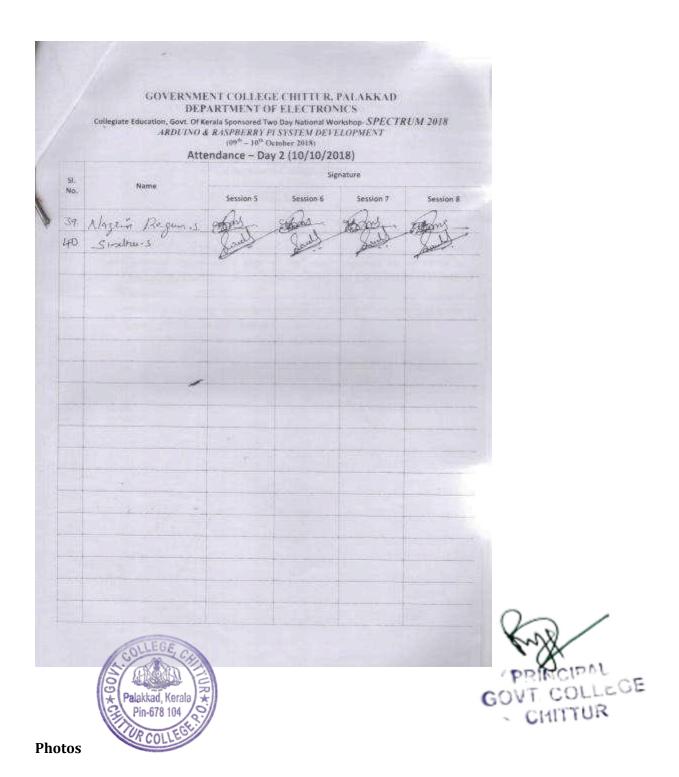




GOVERNMENT COLLEGE CHITTER, PALAKKAD DEPARTMENT OF ELECTRONICS Collegiate Education, Govt. Of Kerala Sponsored Two Day National Workshop-SPECTRUM 2018 ARDUING & RASPBERRY PLASSEM DEVELOPMENT (109 th - 10 th October 2018) Attendance - Day 2 (10/10/2018)							
V	Atten	donce	Signature				
SI.	Name	Session 5	Session 6	Session 7	Session 8		
20	Anilash . P.L	1	24	4	1/10		
21	Sured 12	and	at the	STATE OF THE PERSON OF THE PER	OF THE STREET		
42	ROOMINA P	Dan-	1000	4			
23	Tanish Ko	1 +	1 +	n ~	ani		
24	Dr. Jayra	m	12	7-	1		
25	Dr. Kickerd Son Dr. Niskamol M. S.	not de l'anno	(Angel)	red Red	of the same		
	D. Saccide M. No.	eday	- est	gold	and -		
27	Joanine PM	Dorce	Samuel	Special	larme .		
29	PREGIHY. K. JOHN	Butte	freeho .	D. B. J. Charm	2. O. h. The		
30	Paulba Thomas	Orth James	1 100	(construction	Calmage		
31	Dr. Balansusugars A	Dolmark	Solar St.	Rats	800 8 ₀ 10		
32		Sale Control	Met	The	Ole St.		
33	Resi M Isac	de 11gh	- Contain	forth	General.		
34	Anjuip Methors	Ace	1	AW 0	Ary		
35	0 0 0	OB June	S Band	Dalore	O O O		
100	Pankajakshan.	- Trank	o Haulos) Vary	Daily		







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







PRINCIPAL

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





Palakkad, Kerala Pin-678 104

PRINCIPAL

GOVT COLLEGE

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

