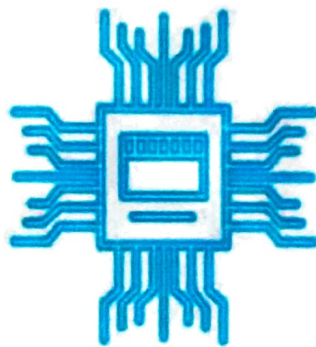


HARDWARE & PC ASSEMBLING

SAINTGITS COLLEGE OF APPLIED SCIENCES

VALUE ADDED COURSES 2018 -'19



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Saintgits College of Applied Sciences
Kattukulam Hills, Pathamuttom P. O.
Kottayam-686 532, Kerala



ABOUT THE COURSE

Hardware & PC Assembling program enables the participants to know more about PC hardware components in detail. It includes identifying, installing and assembling PC System. It also covers on CPU, RAM chips, motherboard architecture, ports, connectors, cables, power supply, CMOS Configurations as well as upgrading and troubleshooting hardware problems.

OBJECTIVES

- o Identify the names, purpose and characteristics of hardware components
- o Identify various types of motherboard architecture and processor chips
- o Identify ports and connectors: Serial, Parallel, USB, Fire wire, IDE, FDC etc and Interface cards.
- o Discover basic procedures for adding and removing hardware components
- o Identify the names, purpose and performance characteristics of ports, connectors and cables
- o Use Step by step procedures on PC Assembling.

EXPECTED OUTCOMES

- o Students will become able to understand how to assemble desktop PC with its internal components.

FEATURES

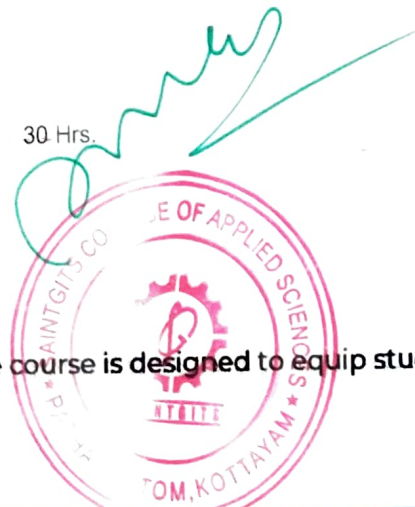
- o We providing Hands-on session for PC assembling

DURATION

- o 30 Hrs.

RELEVANCE

The course is designed to equip students with latest technology trends in hardware



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SYLLABUS

- o Familiarizing PC hardware Components.
- o PC Assembling.

ADVANTAGE

- o It will shape up your life professionally. After completed this course, students developed android app for Department named 'HELPING HAND FOR BCA SCASIANS'
- o Help students to gain the required experience and expertise for this specific area. With this experience student handled Hands-on sessions on PC Assembling for high school students through a program 'TECHMERIDIAN'



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A handwritten signature in green ink, likely belonging to the Principal, is written across the bottom right of the page, overlapping the circular seal.

SAINTGITS COLLEGE OF APPLIED SCIENCES

Pathamuttom, Kottayam - 686532
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e-mail : scas@saintgits.org, Web : www.saintgits.org

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SYLLABUS

**SUBJECT:- HARDWARE & PC ASSEMBLING & ANDROID APP DEVELOPMENT
USING MIT APP INVENTOR**

MODULE 1:

- Familiarizing PC hardware Components. -Motherboard, RAM, RAM Slot, CPU, CPU Socket, Expansion Slots, SMPS, Heat Sink, CMOS, CMOS battery, BIOS, I/O ports-VGA ports, USB port,Parallel port, Serial Port.

MODULE 2:

- PC Assembling- Assembling various parts of a Personal Computer

MODULE 3:

- MIT App Inventor2 for android app- Detailed description of MIT App Inventor window -Palette, Viewer, Components and Properties. Different UI Components- Button, Image, CheckBox, DatePicker, Label, ListPicker, ListView, Notifier.



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Saintgits College of Applied Sciences
Kottukulam Hills, Pathamuttom P. O,
Kottayam-686 532, Kerala

STUDENTS ATTENDANCE

Roll No			Month											TA											
	Date	Hour	7	8	9	10	11	12	13	14	15	16	17		18	19	20								
			24	25	26	27	28	29	30	31	1	2	3		4	5	6	7							
1		Abhilash Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
2		Adhityan S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
3		Anur Jose Jacob	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
4		Akshaya Raj	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
5		Alan Parson	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
6		Meena Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
7		Alvin Babu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
8		Amalday Sathyan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
9		Anjana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
10		Asha Kesavase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
11		Ansu Sulan Bill	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
12		Anu mal Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13		Amal P Shaji	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14		Amal Ben	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15		Anya S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16		Aswin Philip Dommen	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
17		Aswin A Jacob	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
18		Aswin Babu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
19		Bibin John Jacob	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
20		Chris Jeya Jacob	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
21		Christy Baby Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
22		Donald Babbe	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
23		Flavia Shari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
24		Govindhan Kothase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
25		Govindhan Raj	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
26		Grevin Pan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
27		Jayanta Jay Ancharattu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
28		Shio Vasudeh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
29		Sithna. G S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Name of the Faculty & Signature

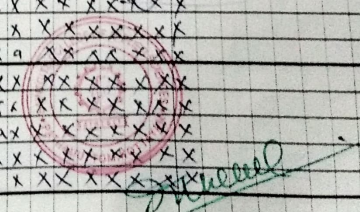
Johny mal G J

Signature of the lecturer in charge

[Signature]

STUDENTS ATTENDANCE

Roll No			Month											TA										
	Date	Hour	7	8	9	10	11	12	13	14	15	16	17		18	19	20							
			21	22	23	24	25	26	27	28	29	30	31		1	2	3	4						
16			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
17			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
18			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
19			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
20			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
21			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
22			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
23			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
24			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
25			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
26			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
27			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
28			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
29			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	



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STUDENTS ATTENDANCE

Roll No	Month											
	7	8	8	8	9	9	9	9	9	10	10	10
	Date	24	25	26	27	28	29	30	31	1	2	3
Hour	26	1	1	4	1	2	6	2	1	2	1	1
29	Adina Acharya	X	X	X	X	X	X	X	X	X	X	X
30	Adi Salim	X	X	X	X	X	X	X	X	X	X	X
31	Adnan Chacko	X	X	X	X	X	X	X	X	X	X	X
32	Adithyan Chintamani	X	X	X	X	X	X	X	X	X	X	X
33	Adithyan Prasad	X	X	X	X	X	X	X	X	X	X	X
34	Aditya K Mathew	X	X	X	X	X	X	X	X	X	X	X
35	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
36	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
37	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
38	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
39	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
40	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
41	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
42	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
43	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
44	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
45	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
46	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
47	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
48	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
49	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
50	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
51	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
52	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
53	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
54	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
55	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
56	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
57	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
58	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
59	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
60	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
61	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X
62	Aditya Lakshmi	X	X	X	X	X	X	X	X	X	X	X

Signature of the lecturer incharge

STUDENTS ATTENDANCE

Roll No	Month											
	7	8	8	8	9	9	9	9	9	10	10	10
	Date	24	25	26	27	28	29	30	31	1	2	3
Hour	26	1	1	4	1	2	6	2	1	2	1	1
10		X	X	X	X	X	X	X	X	X	X	X
11		X	X	X	X	X	X	X	X	X	X	X
12		X	X	X	X	X	X	X	X	X	X	X
13		X	X	X	X	X	X	X	X	X	X	X
14		X	X	X	X	X	X	X	X	X	X	X
15		X	X	X	X	X	X	X	X	X	X	X
16		X	X	X	X	X	X	X	X	X	X	X
17		X	X	X	X	X	X	X	X	X	X	X
18		X	X	X	X	X	X	X	X	X	X	X
19		X	X	X	X	X	X	X	X	X	X	X
20		X	X	X	X	X	X	X	X	X	X	X
21		X	X	X	X	X	X	X	X	X	X	X
22		X	X	X	X	X	X	X	X	X	X	X
23		X	X	X	X	X	X	X	X	X	X	X
24		X	X	X	X	X	X	X	X	X	X	X
25		X	X	X	X	X	X	X	X	X	X	X
26		X	X	X	X	X	X	X	X	X	X	X
27		X	X	X	X	X	X	X	X	X	X	X
28		X	X	X	X	X	X	X	X	X	X	X
29		X	X	X	X	X	X	X	X	X	X	X
30		X	X	X	X	X	X	X	X	X	X	X
31		X	X	X	X	X	X	X	X	X	X	X
32		X	X	X	X	X	X	X	X	X	X	X
33		X	X	X	X	X	X	X	X	X	X	X
34		X	X	X	X	X	X	X	X	X	X	X
35		X	X	X	X	X	X	X	X	X	X	X
36		X	X	X	X	X	X	X	X	X	X	X
37		X	X	X	X	X	X	X	X	X	X	X
38		X	X	X	X	X	X	X	X	X	X	X
39		X	X	X	X	X	X	X	X	X	X	X
40		X	X	X	X	X	X	X	X	X	X	X
41		X	X	X	X	X	X	X	X	X	X	X
42		X	X	X	X	X	X	X	X	X	X	X
43		X	X	X	X	X	X	X	X	X	X	X
44		X	X	X	X	X	X	X	X	X	X	X
45		X	X	X	X	X	X	X	X	X	X	X
46		X	X	X	X	X	X	X	X	X	X	X
47		X	X	X	X	X	X	X	X	X	X	X
48		X	X	X	X	X	X	X	X	X	X	X
49		X	X	X	X	X	X	X	X	X	X	X
50		X	X	X	X	X	X	X	X	X	X	X
51		X	X	X	X	X	X	X	X	X	X	X
52		X	X	X	X	X	X	X	X	X	X	X
53		X	X	X	X	X	X	X	X	X	X	X
54		X	X	X	X	X	X	X	X	X	X	X
55		X	X	X	X	X	X	X	X	X	X	X
56		X	X	X	X	X	X	X	X	X	X	X
57		X	X	X	X	X	X	X	X	X	X	X
58		X	X	X	X	X	X	X	X	X	X	X
59		X	X	X	X	X	X	X	X	X	X	X
60		X	X	X	X	X	X	X	X	X	X	X
61		X	X	X	X	X	X	X	X	X	X	X
62		X	X	X	X	X	X	X	X	X	X	X