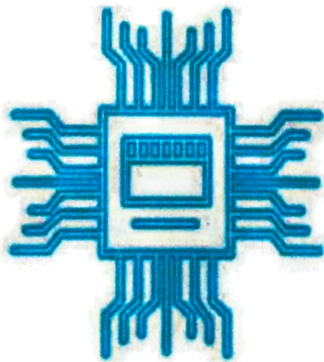


HARDWARE & PC ASSEMBLING

SAINTGITS COLLEGE OF APPLIED SCIENCES

VALUE ADDED COURSES 2017 -'18



PRINCIPAL

Saintgits College of Applied Sciences
Kottukulam Hill, Pathamuttom P.O.
Kottayam - 686 012



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

30 Hrs.

PRINCIPAL

Saintgits College of Applied Sciences
Kottukula
Kottayam 686 002, Kerala

RELEVANCE

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

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



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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.



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

STUDENTS ATTENDANCE

Roll No	Name	Month	7	8	8	8	9	10	10	10	12	12	12	
		Date	15	20	3	5	19	24	29	5	11	12	16	16
		Hour	5	5	5	5	5	5	5	5	5	5	3	4
1	A Prathishtha		X	X	X	X	X	X	X	X	X	X	X	
2	Abisha Arachamma Vinod		X	X	X	X	X	X	X	X	X	X	X	
3	Abhijeet Somnagar		X	X	X	X	X	X	X	X	X	X	X	
4	Aditya Jaiswara Jyothi		X	X	X	X	X	X	X	X	X	X	X	
5	Ashalya A		X	X	X	X	X	X	X	X	X	X	X	
6	Ajay MV		X	X	X	X	X	X	X	X	X	X	X	
7	Akhila S		X	X	X	X	X	X	X	X	X	X	X	
8	Akshaya Anil		X	X	X	X	X	X	X	X	X	X	X	
9	Allan Shiju		X	X	X	X	X	X	X	X	X	X	X	
10	Aleesha Sree Anthonypose		X	X	X	X	X	X	X	X	X	X	X	
11	Alex Joseph		X	X	X	X	X	X	X	X	X	X	X	
12	Allam shesun Riju		X	X	X	X	X	X	X	X	X	X	X	
13	Arnab C Bora		X	X	X	X	X	X	X	X	X	X	X	
14	Ananthu V Naik		X	X	X	X	X	X	X	X	X	X	X	
15	Andrew Thomas Tilla		X	X	X	X	X	X	X	X	X	X	X	
16	Arnel Bibby		X	X	X	X	X	X	X	X	X	X	X	
17	Arjun Baiju		X	X	X	X	X	X	X	X	X	X	X	
18	Arjun H		X	X	X	X	X	X	X	X	X	X	X	
19	Asif Mohamed Jaffar		X	X	X	X	X	X	X	X	X	X	X	
20	Asif Nausad		X	X	X	X	X	X	X	X	X	X	X	
21	Aslam Sharadus		X	X	X	X	X	X	X	X	X	X	X	
22	Aswin Kumar		X	X	X	X	X	X	X	X	X	X	X	
23	Ashika K B		X	X	X	X	X	X	X	X	X	X	X	
24	Ashwini Anshu Jyoti		X	X	X	X	X	X	X	X	X	X	X	
25	Ashwin Jyoti		X	X	X	X	X	X	X	X	X	X	X	
26	Devika Raji		X	X	X	X	X	X	X	X	X	X	X	
27	Deepa Rajan		X	X	X	X	X	X	X	X	X	X	X	
28	Pranav Anil Kuoian		X	X	X	X	X	X	X	X	X	X	X	
29	Lathima Nizet		X	X	X	X	X	X	X	X	X	X	X	
30	Francis Davis		X	X	X	X	X	X	X	X	X	X	X	
Name of the Faculty & Signature														
Johnyraj Jay														
Anur Anandaram An														

Signature of the Lecturer in charge

STUDENTS ATTENDANCE

Roll No	Name	Month	7	8	8	9	10	10	10	12	12	12	12	
		Date	15	20	3	5	19	24	29	5	11	12	16	16
		Hour	5	5	5	5	5	5	5	5	5	5	3	4
1			X	X	X	X	X	X	X	X	X	X	X	
2			X	X	X	X	X	X	X	X	X	X	X	
3			X	X	X	X	X	X	X	X	X	X	X	
4			X	X	X	X	X	X	X	X	X	X	X	
5			X	X	X	X	X	X	X	X	X	X	X	
6			X	X	X	X	X	X	X	X	X	X	X	
7			X	X	X	X	X	X	X	X	X	X	X	
8			X	X	X	X	X	X	X	X	X	X	X	
9			X	X	X	X	X	X	X	X	X	X	X	
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	
Name of the Faculty & Signature														
[Signature]														
[Signature]														

STUDENTS ATTENDANCE

Roll No		Month	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
			Date	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
			Hour	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	G. N. Jithesh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
32	Gayathri R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
33	Geetha Elee John	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
34	George P Eesan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
35	Gistha Joseph	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
36	Gokul Krishna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
37	Gokul Krishna.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
38	Graceema K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
39	Haritha Haridas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
40	Haritha Harikumar.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
41	Peena Susan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
42	Tibi B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
43	Gilu P Joseph	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
44	Jishou K. P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
45	Sinel Nammachen	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
46	Subina Riju	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
47	Kaotbir T Das	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
48	Keaney S Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
49	Mahesh Manikuttan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
50	Manju Manoj	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
51	Mahin Kadavil Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
52	Meahin Anon	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
53	Nikhil Cherian	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
54	Nithil Anabam	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
55	Shanu Rubel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
56	Shreema Rajesh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
57	Shravan John	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
58	Shamin Abin Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
59	Shju Kashy	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
60	Shru V. S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
61	Name of the Faculty & Signature																	
	Signature of the lecturer in charge																	

STUDENTS ATTENDANCE

Roll No		Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
			Hour	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
13		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16		X	X	X	X	X	X	X	X	X	X	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	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	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	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	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	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	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	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	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	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	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	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	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	X	X	X	X	X	X	X	X	X	X	
30		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	