



Kammavari Sangham(R)-1952

K. S. INSTITUTE OF TECHNOLOGY

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#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109

Tel : 28435722 / 724 E-mail : principal@ksit.edu.in Web : www.ksit.edu.in

ONLINE CERTIFICATION COURSES 2018-19

SL NO.	NAME	COURSE	SIGNATURE
1	KRITHIKA JAGANNATH	WEB APP DEVELOPMENT WORKSHOP	<i>Krithika</i>
2	SRIRAKSHA S KANAGO	WEB AND USER INTERFACE DEVELOPMENT	<i>Sriraksha</i>
3	PARTH P SHAH	REMOTE HACKING PYTHON EXPERT	<i>Partha Sai</i>
4	NARASIMHA PRASANNA	DATA ENGINEERING ON GOOGLE CLOUD PLATFORM	<i>Narasimha</i>
5	SANGHAM SWADI K	END USER SECURITY AWARENESS	<i>Sangham</i>
6	SANGHAM SWADI K	CRYPTOGRAPHY	<i>Sangham</i>
7	SANGHAM SWADI K	INTERNAL COMPONENTS OF A COMPUTER	<i>Sangham</i>
8	SHRINIDHI D	PROGRAMMING IN JAVA	<i>Shrinidhi D</i>
9	SHRINIDHI D	PROGRAMMING WITH PYTHON FOR DATA SCIENCES	<i>Shrinidhi D</i>

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Cyber security & Ethical Hacking

Date of Conduction: 27-8-18 to 1-9-18

Venue: KSIT COLLEGE

Time: 9.00 AM TO 4.00 PM

Duration: 6 days

Sponsoring Bodies / Associating Organization: Nil

Expert Details – Prof. Kushal Kumar, Prof. Raghavendrachar, Prof. Sangeetha .V, Prof Jayasudha

Description of the Event:

Objectives / Key Highlights: The most effective steps to prevent attacks and detect adversaries with actionable techniques . Tips and tricks designed to help win the battle against the wide range of cyber adversaries that want to harm the environment.

Participant details – 3rd Semester students of CSE, ECE, ME -373 students





Footprinting And Reconnaissance.

- Introduction
- Nslookup and whois
- Shodan and other search engine
- Maltego
- Htrack
- The harvester
- Recon-ng
- Social-Engineering

Open Source Intelligence Fundamentals

- Introduction
- Theory
- OSINT playground
- Tools and Techniques
- Sock-Puppets
- OSINT Defense

Penetration Testing and Ethical Hacking.

- Introduction
- Footprinting and Reconnaissance .
- Scanning and enumeration.
- System Hacking
- Malware
- Sniffing
- Social Engineering
- Denial of Service
- Session Hijacking
- Web server and application

SQL injection
Hacking wifi and Bluetooth
Mobile hacking and security
IDS, firewall , and honeypots
IOT , cloud , Cryptography.

[Social Engineering](#)

Introduction.
Social Engineering labs.
Conclusion.

[Advanced Penetration Testing.](#)

Linux
Programming
Metasploit
Information Gathering
vulnerability discovery and scanning
Traffic Capture
Exploitation
Passwords
Advanced Exploitation
Post Exploitation
Webapps
Exploit developments
Smartphone Pentest framework

[Web application penetration testing.](#)

Introduction '
What is SQL Injection
What is XSS
LFI and RFI
Report Creation?

[Developing Ethical Hacking tools with python.](#)

Introduction
Automating information gathering
Writing a keylogger in python
Zip password Brute Forcing in python.
Going Forward

[Hands on Learning](#)

Recover from SQL Injection Attack
Data backup and recovery
Recover from web based flash pack incident

[\(Cyber security & Ethical Hacking \)](#)

Module _ 1 . Introduction to Ethical Hacking.
Module_ 2. Footprinting & Reconnaissance.
Module_ 3. Scanning.
Module_4. Enumeration.

Module_5. System Hacking.

Module_6. Sniffing

Module _ 7. Hacking Web servers

Module _8. Hacking Web Applications.

Module_9 . Hacking wireless Networks.

Module _ 10 DDos & Dos Attacks.

(Hands on)

Introduction to Cyber Security.

Basics of Networking and Web Technologies.

Information Gathering and Footprinting.

Operating System Hacking and Security.

Malware Illustrations - Part 1

Malware Illustrations - Part 2

Web Architecture and PHP Basics.

Email Attacks and Security.

Web Vulnerability Assessment and Penetration Testing - Part 1

Web Vulnerability Assessment and Penetration Testing - Part 2

Web Vulnerability Assessment and Penetration Testing - Part 3

Introduction to Kali Linux and its Tools.

Network Vulnerability Assessment - Part 1

Network Vulnerability Assessment - Part 2

WiFi Hacking and Security

Cyber Forensics and Investigations

Smartphone Attacks and Security

Google Hacking Database

Basics of Reverse Engineering

Introduction to Compliance Management

[Introduction to OWASP Top ten : A1 Injection scored](#)

A2 - Broken Authentication

A3- Sensitive data exposure

A4- Xml external entities entities

A5 - Broken Access control

A6- Security Misconfiguration

A7- Cross Site scripting

A8- Insecure deserialization

Outcomes / Benefits:

- 1.) The core areas of cybersecurity and how to create a security program that is built on a foundation of Detection, Response, and Prevention
- 2.) Practical tips and tricks that focus on addressing high-priority security problems within your organization and doing the right things that lead to security solutions that work
- 3.) How adversaries adapt tactics and techniques, and importantly how to adapt your defense accordingly
- 4.) What ransomware is and how to better defend against it
- 5.) How to leverage a defensible network architecture (VLANs, NAC, and 802.1x) based on advanced persistent threat indicators of compromise
- 6.) The Identity and Access Management (IAM) methodology, including aspects of strong authentication (Multi-Factor Authentication)
- 7.) How to leverage the strengths and differences among the top three cloud providers (Amazon, Microsoft, and Google), including the concepts of multi-cloud

CO/PO&PSO mapping

CO/PO&P SO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
	3	3	3	3	3	3						3	3	3



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Sl.No.	USN	NAME	Signature					
			27/08/2018	28/08/2018	29/08/2018	30/08/2018	31/08/2018	1/9/2018
345	1KS17ME079	SHRI HARSHA.P	Shriharsha	Shriharsha	Shriharsha	Shriharsha	Shriharsha	Shriharsha
346	1KS17ME080	SIDDESH.S	Sidhu	Sidhu	Sidhu	Sidhu	Sidhu	Sidhu
347	1KS17ME081	SKANDA.S	Skanda	Skanda	Skanda	Skanda	Skanda	Skanda
348	1KS17ME083	SOWRA.V.A	Sowrasa	Sowrasa	Sowrasa	Sowrasa	Sowrasa	Sowrasa
349	1KS17ME085	TANUSHREE.C	Tanusha	Tanusha	Tanusha	Tanusha	Tanusha	Tanusha
350	1KS17ME086	TEJAS.P	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
351	1KS17ME087	TULASIPRASAD.C	Tulasiprasa	Tulasiprasa	Tulasiprasa	Tulasiprasa	Tulasiprasa	Tulasiprasa
352	1KS17ME088	UDAY.R	Uday	Uday	Uday	Uday	Uday	Uday
353	1KS17ME089	V.JAYANTH	Jayanth	Jayanth	Jayanth	Jayanth	Jayanth	Jayanth
354	1KS17ME090	V.VINAY	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
355	1KS17ME091	VARUN.S.KADAM	Varun Kadam	Varun Kadam	Varun Kadam	Varun Kadam	Varun Kadam	Varun Kadam
356	1KS17ME092	VASUNIDHI.S	Vasunidhi	Vasunidhi	Vasunidhi	Vasunidhi	Vasunidhi	Vasunidhi
357	1KS17ME093	VENKATESH.K	Venka	Venka	Venka	Venka	Venka	Venka
358	1KS17ME094	VENKATESH PRASAD.G	Venka	Venka	Venka	Venka	Venka	Venka
359	1KS17ME095	VIKAS.K.C	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas
360	1KS17ME096	VISHNU TEJAS.T.M	Vishnu TM	Vishnu TM	Vishnu TM	Vishnu TM	Vishnu TM	Vishnu TM
361	1KS17ME097	YASHAS.G.V	Yashu.G.V	Yashu.G.V	Yashu.G.V	Yashu.G.V	Yashu.G.V	Yashu.G.V
362	1KS17ME099	ADITHYA R BHAT	Adithya	Adithya	Adithya	Adithya	Adithya	Adithya



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K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on Quadcopter

Date of Conduction: 12-11-2018 to 17-11-2018

Venue: KSIT COLLEGE

Time: 9.00 AM TO 4.00 PM

Duration: 6 days

Sponsoring Bodies / Associating Organization: Nil

Expert Details – Prof. Sunil Kumar G R, Prof. Christo Jain

Objectives / Key Highlights: Quadcopters, are unmanned aerial vehicles (UAVs) that feature a four-rotor design. They are a type of multirotor aircraft, characterized by their ability to hover and maneuver vertically, as well as their agility in flight. The primary objective is to assemble a functioning quadcopter from scratch using readily available components. Learn about the principles of flight, including aerodynamics and control mechanisms, by building and experimenting with a quadcopter.

Participant details – 5th, 7th Semester students of ECE - 235 students



Course Content:

Introduction to Quadcopters

- Overview of quadcopter components and functionality
- Safety guidelines and best practices
- Introduction to flight dynamics and control

Quadcopter Assembly

- Step-by-step assembly of a quadcopter kit
- Understanding and connecting electronic components (motors, ESCs, flight controller)
- Testing and troubleshooting assembly issues

Flight Controller Setup and Configuration

- Introduction to flight controller software (e.g., Betaflight)
- Connecting the flight controller to a computer for configuration
- Calibrating sensors and setting up flight modes

Basic Flight Maneuvers

- Pre-flight checks and safety procedures
- Hands-on practice with basic flight controls (takeoff, landing, hovering)
- Introduction to flight modes (acro, stability, altitude hold)

Advanced Flight Techniques

- Introduction to FPV (First Person View) flying
- Flying maneuvers (flips, rolls, loops)
- Navigating obstacles and performing precision maneuvers

This workshop provides a comprehensive introduction to building, configuring, and flying quadcopters, culminating in a project to reinforce learning and creativity

Outcomes / Benefits:

- 1. Understanding of Quadcopter Technology: Gain knowledge about the components, mechanics, and technology behind quadcopters.**
- 2. Hands-on Assembly Experience: Learn how to assemble and configure a quadcopter, enhancing practical engineering skills.**
- 3. Flight Control Proficiency: Develop skills in controlling and maneuvering quadcopters, including basic and advanced flight techniques.**
- 4. Problem-Solving and Troubleshooting: Learn to troubleshoot and solve common issues related to quadcopter assembly and flight.**

CO/PO&P SO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
	3	3	2	3	3	3						3	3	3


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QUAD COPTER WORKSHOP

ACADEMIC YEAR - 2018-19 (ODD SEMESTER)

LIST OF STUDENTS & ATTENDANCE

SECTION : A

V TH SEM

SL.NO	USN	NAME OF THE STUDENT	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct
1	1KS16EC002	AALIYA ZAINAB	AA	AA	AA	AA	AA	AA
2	1KS16EC003	ABHISHEK.A.NANDYAL	AB	AB	AB	AB	AB	AB
3	1KS16EC004	ADITHYA.D.M	AD	AD	AD	AD	AD	AD
4	1KS16EC006	AKASH MAHANTESH HOSAMANI	Ak	Ak	Ak	Ak	Ak	Ak
5	1KS16EC009	ANIRUDH.K.N	A	A	A	A	A	A
6	1KS16EC010	ANUSHA RAJ.D	AR	AR	AR	AR	AR	AR
7	1KS16EC011	ASHIK.B.N	AS	AS	AS	AS	AS	AS
8	1KS16EC013	ASHWINI.S	A	A	A	A	A	A
9	1KS16EC014	AYUSH RAJ	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
10	1KS16EC015	BHAGYA SHREE.S.J	Bg	Bg	Bg	Bg	Bg	Bg
11	1KS16EC016	BHARATH.R	Bha	Bha	Bha	Bha	Bha	Bha
12	1KS16EC017	BHOOMIKA.P.M	Bhomi	Bhomi	Bhomi	Bhomi	Bhomi	Bhomi
13	1KS16EC018	BRUNDA.S	B	B	B	B	B	B
14	1KS16EC019	CHANDANA.R	Cha	Cha	Cha	Cha	Cha	Cha
15	1KS16EC020	CHARAN.A	Cha	Cha	Cha	Cha	Cha	Cha
16	1KS16EC022	DEEMANTH.K.P	Dm	Dm	Dm	Dm	Dm	Dm
17	1KS16EC023	DEEPA.R	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa
18	1KS16EC024	DEEPAK LAMANI	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
19	1KS16EC025	DEEPIKA.M	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika
20	1KS16EC026	DIVYALAKSHMI.G	Divya	Divya	Divya	Divya	Divya	Divya
21	1KS16EC028	HARSHINI.B.S	Harshi	Harshi	Harshi	Harshi	Harshi	Harshi
22	1KS16EC030	H.M.NIKHIL JAMADAGNI Not eligible	H	H	H	H	H	H
23	1KS16EC031	JAYAM HARESH THARUN	Jayam	Jayam	Jayam	Jayam	Jayam	Jayam
24	1KS16EC032	JEEVITHA KALAASHILPA.N.C	Jee	Jee	Jee	Jee	Jee	Jee
25	1KS16EC034	KADRI SRINIDHI RAO	K	K	K	K	K	K
26	1KS16EC035	KARTHIK.K	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik
27	1KS16EC036	KOMAL KHANDLWAL	Komal	Komal	Komal	Komal	Komal	Komal
28	1KS16EC037	KRISHNA.D	Kr	Kr	Kr	Kr	Kr	Kr
29	1KS16EC039	L.S.BABY RAM	L	L	L	L	L	L
30	1KS16EC040	LAKSHMI PRIYA.K	Lak	Lak	Lak	Lak	Lak	Lak
31	1KS16EC041	LIKHITHA.Y	L	L	L	L	L	L
32	1KS16EC042	LOKESH.S	Lok	Lok	Lok	Lok	Lok	Lok
33	1KS16EC043	SURYA.M	S	S	S	S	S	S
34	1KS16EC044	MADHU.G	M	M	M	M	M	M
35	1KS16EC045	MADHU.N	M	M	M	M	M	M

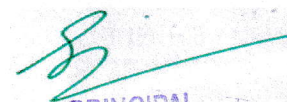
QUAD COPTER WORKSHOP
ACADEMIC YEAR - 2018-19 (ODD SEMESTER)

LIST OF STUDENTS & ATTENDANCE

SECTION : A

V TH SEM

SL.NO	USN	NAME OF THE STUDENT	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct
36	1KS16EC047	MANIKANTAN.G	MA	MA	MA	MA	MA	MA
37	1KS16EC048	MANJUNATHA.B.S	Mon	Mon	Mon	Mon	Mon	Mon
38	1KS16EC049	MEENAKSHI.A	Men	Men	Men	Men	Men	Men
39	1KS16EC050	MEGHASHREE.V	Meg	Meg	Meg	Meg	Meg	Meg
40	1KS16EC051	MOHAMMED WALEED	MO	MO	MO	MO	MO	MO
41	1KS16EC052	NAMITA.L.RAO	NA	NA	NA	NA	NA	NA
42	1KS16EC053	NAMRATHA.G	N	N	N	N	N	N
43	1KS16EC054	NAMRATHA.G	Ny	Ny	Ny	Ny	Ny	Ny
44	1KS16EC055	NANDANGOWDA.S.H	NA	NA	NA	NA	NA	NA
45	1KS16EC056	NAVEEN	NAV	NAV	NAV	NAV	NAV	NAV
46	1KS16EC057	NEHA.J.KOTWAL	NEJ	NEJ	NEJ	NEJ	NEJ	NEJ
47	1KS16EC058	NEHA.N.V	NEV	NEV	NEV	NEV	NEV	NEV
48	1KS16EC059	NIKITA BALAPPA NARASANNAVAR	Nik	Nik	Nik	Nik	Nik	Nik
49	1KS16EC419	KUMARA B N	Kuma	Kuma	Kuma	Kuma	Kuma	Kuma
50	1KS16EC430	RAKESH K.M.	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
51	1KS17EC400	ARPITHA.C.V	AR	AR	AR	AR	AR	AR
52	1KS17EC402	ASOK KUMAR	AK	AK	AK	AK	AK	AK
53	1KS17EC404	CHANDRAKALA.K.S	CKS	CKS	CKS	CKS	CKS	CKS
54	1KS17EC406	HARITHA K	HR	HR	HR	HR	HR	HR
55	1KS14EC085	RANAJITHKUMAR N	RN	RN	RN	RN	RN	RN


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QUAD COPTER WORKSHOP
ACADEMIC YEAR - 2018-19 (ODD SEMESTER)

LIST OF STUDENTS & ATTENDANCE

SECTION : B

V TH SEM

SL.NO	USN	NAME OF THE STUDENT	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct
1	1KS14EC068	POOJA P G	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
2	1KS14EC107	SUMUKHA S RAM	Sumukha	Sumukha	Sumukha	Sumukha	Sumukha	Sumukha
3	1KS14EC117	YASH RAI	YR	YR	YR	YR	YR	YR
4	1KS15EC071	PUCHAKAYALA HEMANATH CHOWDARY	PH	PH	PH	PH	PH	PH
5	1KS16EC060	ONKAR MISHRA	Om	Om	Om	Om	Om	Om
6	1KS16EC061	POOJA.K	Poo	Poo	Poo	Poo	Poo	Poo
7	1KS16EC062	PRATHAM KUMAR.D	P	P	P	P	P	P
8	1KS16EC063	PRATHIKSHA.P	Pp	Pp	Pp	Pp	Pp	Pp
9	1KS16EC064	PRATYUSHA.S.A	Pat	Pat	Pat	Pat	Pat	Pat
10	1KS16EC065	PRAVEEN TULASIDAS NAIK	Pra	Pra	Pra	Pra	Pra	Pra
11	1KS16EC067	PRIYA.S	Priya	Priya	Priya	Priya	Priya	Priya
12	1KS16EC070	RAHUL KUMAR	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
13	1KS16EC071	RAMYA.M.S	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya
14	1KS16EC072	RASHMI.S	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi
15	1KS16EC073	RAVI NANDAN	R	R	R	R	R	R
16	1KS16EC074	RAVI TEJA.M	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi
17	1KS16EC076	S.SHWETHA	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha
18	1KS16EC077	SACHIN.M.G	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
19	1KS16EC078	SADHVIKA CHANDRA.R	Sad	Sad	Sad	Sad	Sad	Sad
20	1KS16EC079	SAHANA.D	Saha	Saha	Saha	Saha	Saha	Saha
21	1KS16EC080	SAHANA.K.G	S	S	S	S	S	S
22	1KS16EC081	SAI TARUN TADIPARTI	Sai	Sai	Sai	Sai	Sai	Sai
23	1KS16EC082	SANANDA RAO.K.S	S	S	S	S	S	S
24	1KS16EC083	SARAH AHMED	Sara	Sara	Sara	Sara	Sara	Sara
25	1KS16EC084	SAURAV KUMAR	Sau	Sau	Sau	Sau	Sau	Sau
26	1KS16EC085	SHEETHAL.J.RAO	Sheethal	Sheethal	Sheethal	Sheethal	Sheethal	Sheethal
27	1KS16EC087	SHREYA SRINIVAS	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya
28	1KS16EC088	SHREYAS.K.V	Shreyas	Shreyas	Shreyas	Shreyas	Shreyas	Shreyas
29	1KS16EC089	SHREYASHWINI.V	Shr	Shr	Shr	Shr	Shr	Shr
30	1KS16EC090	SHRINIDHI.N.S	Sh	Sh	Sh	Sh	Sh	Sh
31	1KS16EC091	SHYLESH RAJ.T.D	Shylesh	Shylesh	Shylesh	Shylesh	Shylesh	Shylesh
32	1KS16EC092	SKANDA.N	Skanda	Skanda	Skanda	Skanda	Skanda	Skanda
33	1KS16EC094	SONIKA.V	Sonika	Sonika	Sonika	Sonika	Sonika	Sonika
34	1KS16EC095	SPURTHI.M.K	Spurthi	Spurthi	Spurthi	Spurthi	Spurthi	Spurthi
35	1KS16EC096	SUDHANSHU.S.SHARMA	Sudhan	Sudhan	Sudhan	Sudhan	Sudhan	Sudhan
36	1KS16EC097	SUHAS.K	Suhas	Suhas	Suhas	Suhas	Suhas	Suhas

**QUAD COPTER WORKSHOP
ACADEMIC YEAR - 2018-19 (ODD SEMESTER)**

LIST OF STUDENTS & ATTENDANCE

SECTION : B

V TH SEM

SL.NO	USN	NAME OF THE STUDENT	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct
37	1KS16EC098	SUHAS.M.V	Su	Su	Su	Su	Su	Su
38	1KS16EC099	SUMA.B.S	S	S	S	S	S	S
39	1KS16EC102	T.G.NITHYA	N	N	N	N	N	N
40	1KS16EC103	TEJAS.P	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
41	1KS16EC105	VARSHINI.K.S	V	V	V	V	V	V
42	1KS16EC106	VASUDEVA UPADHYA.K.S	V	V	V	V	V	V
43	1KS16EC108	VIDHYA.K.S	Vid	Vid	Vid	Vid	Vid	Vid
44	1KS16EC109	VIDYA.B	Vid	Vid	Vid	Vid	Vid	Vid
45	1KS16EC111	VIGNESHKUMAR.V	Vig	Vig	Vig	Vig	Vig	Vig
46	1KS16EC112	VINAY.N	Vin	Vin	Vin	Vin	Vin	Vin
47	1KS16EC114	VINOD KUMAR.P	V	V	V	V	V	V
48	1KS16EC115	VISMITHA SONNA SATHYANARAYANA	V	V	V	V	V	V
49	1KS16EC116	VIVEK.R	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek
50	1KS16EC401	AKASH B N	A	A	A	A	A	A
51	1KS16EC416	ISHWAR MANNIKERI	I	I	I	I	I	I
52	1KS17EC407	HARSHA C M	H	H	H	H	H	H
53	1KS17EC408	HARSHITH . K	H	H	H	H	H	H
54	1KS17EC409	PRABHAVATHI.K	P	P	P	P	P	P
55	1KS17EC413	TEJASWINI B	T	T	T	T	T	T


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QUAD COPTER WORKSHOP
ACADEMIC YEAR - 2018-19 (ODD SEMESTER)

List of Students & Attendance

SECTION : A

VII th SEM

SL.NO	USN	NAME OF THE STUDENT	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov
1	1KS15EC001	ABHISHEK.S.GOWDA	Abh	Abh	Abh	Abh	Abh	Abh
2	1KS15EC002	ADUSUMILLI UDAY CHOWDARY	chaf	chaf	chaf	chaf	chaf	chaf
3	1KS15EC003	AKSHATHA SHENOY.U	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh
4	1KS15EC004	AKSHAYA RAM BADALA	Ram	Ram	Ram	Ram	Ram	Ram
5	1KS15EC005	ALAKA	Ala	Ala	Ala	Ala	Ala	Ala
6	1KS15EC006	ALEKHYA RAGHUNATH	Ale	Ale	Ale	Ale	Ale	Ale
7	1KS15EC008	ANKITA.A.RAIKAR	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
8	1KS15EC009	ANURAG REDDY.R	Anur	Anur	Anur	Anur	Anur	Anur
9	1KS15EC010	ANUSHA.A.MURTHY	Anu	Anu	Anu	Anu	Anu	Anu
10	1KS15EC011	ARCHANA.K.N	Arch	Arch	Arch	Arch	Arch	Arch
11	1KS15EC012	ARJUN.M.KRISHNA	Arj	Arj	Arj	Arj	Arj	Arj
12	1KS15EC014	ARPITHA.N.V	Arp	Arp	Arp	Arp	Arp	Arp
13	1KS15EC016	BHAMINI RAJANNA	B	B	B	B	B	B
14	1KS15EC017	BHAVANA.K.M	Bhava	Bhava	Bhava	Bhava	Bhava	Bhava
15	1KS15EC018	BHUMIKA.R	Bh	Bh	Bh	Bh	Bh	Bh
16	1KS15EC019	BINDHU KUMAR.K.T	B	B	B	B	B	B
17	1KS15EC020	CHAITHRA.B	Ch	Ch	Ch	Ch	Ch	Ch
18	1KS15EC021	CHANDANA.G	Cg	Cg	Cg	Cg	Cg	Cg
19	1KS15EC022	CHANDANA.K	Ch	Ch	Ch	Ch	Ch	Ch
20	1KS15EC023	CHETHAN.N. SHETTY	Ch	Ch	Ch	Ch	Ch	Ch
21	1KS15EC024	DEEPASHREE.R	Deep	Deep	Deep	Deep	Deep	Deep
22	1KS15EC025	DHRUTHI SRIDHAR	Dhr	Dhr	Dhr	Dhr	Dhr	Dhr
23	1KS15EC027	ENUGU GIRESH KUMAR	Gide	Gide	Gide	Gide	Gide	Gide
24	1KS15EC028	GIRISH.H.S	Gir	Gir	Gir	Gir	Gir	Gir
25	1KS15EC029	GOWTHAM.R	Gow	Gow	Gow	Gow	Gow	Gow
26	1KS15EC030	GURU RAJ REDDY.J	Guru	Guru	Guru	Guru	Guru	Guru
27	1KS15EC032	HARSHA.K.N	Har	Har	Har	Har	Har	Har
28	1KS15EC033	HARSHITH.R	Har	Har	Har	Har	Har	Har
29	1KS15EC034	HARSHITHA.G.BHAT	Har	Har	Har	Har	Har	Har
30	1KS15EC035	HARSHITHA.R	Har	Har	Har	Har	Har	Har
31	1KS15EC036	HARSHITHA.V	Har	Har	Har	Har	Har	Har
32	1KS15EC037	JUNAID KHAN	Jun	Jun	Jun	Jun	Jun	Jun
33	1KS15EC038	K.PRUTHVI NARAYANA	KPN	KPN	KPN	KPN	KPN	KPN
34	1KS15EC039	KAVYA.M	Kav	Kav	Kav	Kav	Kav	Kav

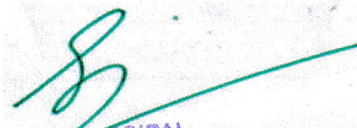
QUAD COPTER WORKSHOP
ACADEMIC YEAR - 2018-19 (ODD SEMESTER)

List of Students & Attendance

SECTION : A

VII th SEM

SL.NO	USN	NAME OF THE STUDENT	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov
35	1KS15EC040	KAVYA.N	K	K	K	K	K	K
36	1KS15EC042	KISHORE BHAT.U	kish	kish	kish	kish	kish	kish
37	1KS15EC043	KODIDELA ROHINI	rodol	rodol	rodol	rodol	rodol	rodol
38	1KS15EC044	KOLLI-VINOD KUMAR	wrod	wrod	wrod	wrod	wrod	wrod
39	1KS15EC045	M.SRI SAI CHARITHA	chard	chard	chard	chard	chard	chard
40	1KS15EC046	SANJAY KARANTH.M	sanj	sanj	sanj	sanj	sanj	sanj
41	1KS15EC047	MAHIMA PADMANABHA.B	ma	ma	ma	ma	ma	ma
42	1KS15EC048	MANJUNATHA.B	man	man	man	man	man	man
43	1KS15EC049	MANOJ.K	man	man	man	man	man	man
44	1KS15EC050	MAYANKA GUPTA	man	man	man	man	man	man
45	1KS15EC051	MEGHA SANJAY SAVALGI	megha	megha	megha	megha	megha	megha
46	1KS15EC052	MEGHA SHREE.R.T	megha	megha	megha	megha	megha	megha
47	1KS15EC053	MEGHA.V	meg	meg	meg	meg	meg	meg
48	1KS15EC054	MEGHANA.K.V	megha	megha	megha	megha	megha	megha
49	1KS15EC055	MUKUL VENKATESH	mukul	mukul	mukul	mukul	mukul	mukul
50	1KS16EC400	AJAYA KUMAR .L	ajay	ajay	ajay	ajay	ajay	ajay
51	1KS16EC402	ASHWINI .A	ash	ash	ash	ash	ash	ash
52	1KS16EC403	ASHWINI B.V.	ash	ash	ash	ash	ash	ash
53	1KS16EC405	CHARAN BABU S.K	charan	charan	charan	charan	charan	charan
54	1KS16EC406	DARSHAN . D	dar	dar	dar	dar	dar	dar
55	1KS16EC409	DEEPASHREE H.N.	dee	dee	dee	dee	dee	dee
56	1KS16EC410	DHANRAJ	raj	raj	raj	raj	raj	raj
57	1KS16EC411	DHANUSH K.A	shan	shan	shan	shan	shan	shan
58	1KS16EC413	HARISH REDDY K.S.	hr	hr	hr	hr	hr	hr
59	1KS16EC414	HARSHA N	harsha	harsha	harsha	harsha	harsha	harsha
60	1KS16EC415	HARSHITHA PRIYADARSHINI H.G.	hr	hr	hr	hr	hr	hr
61	1KS16EC417	JAGADISH. S	jag	jag	jag	jag	jag	jag
62	1KS16EC418	KAVYA .V	kavya	kavya	kavya	kavya	kavya	kavya
63	1KS16EC420	MADHUCHANDAN . R	madh	madh	madh	madh	madh	madh



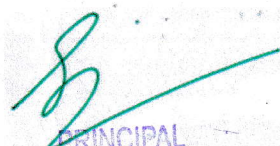
**QUAD COPTER WORKSHOP
ACADEMIC YEAR - 2018-19 (ODD SEMESTER)**

List of Students & Attendance

SECTION : B

VII th SEM

SL.NO	USN	NAME OF THE STUDENT	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov
36	1KS15EC095	SMITHA.S.KARANTH	Smitha	Smitha	Smitha	Smitha	Smitha	Smitha
37	1KS15EC096	SPOORTHY.U.S	Uppoo	Spoor	Spoor	Spoor	Spoor	Spoor
38	1KS15EC097	SUBRAMANYA.G.U	Su	Su	Su	Su	Su	Su
39	1KS15EC099	SURYA.K.B	Sury	Su	Sury	Sury	Sury	Sury
40	1KS15EC100	SUVIJITH.S	Su	Su	Su	Su	Su	Su
41	1KS15EC101	SWATHI.K.S	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi
42	1KS15EC102	THANUSHA.S.V	Th	Th	Th	Th	Th	Th
43	1KS15EC103	UDAYKUMAR.V	Uday	Uday	Uday	Uday	Uday	Uday
44	1KS15EC104	VARSHA.R	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha
45	1KS15EC105	VISHWAS.K.K	Vk	Vk	Vk	Vk	Vk	Vk
46	1KS15EC106	YASHASWINI.D	Yy	Yy	Yy	Yy	Yy	Yy
47	1KS15EC107	MUNEEB-FAYAZ	Mf	Mf	Mf	Mf	Mf	Mf
48	1KS15EC108	SUHAIL YOUSUF BHAT	Ss	Ss	Ss	Ss	Ss	Ss
49	1KS15EC109	NAGATEJA . P	Np	Np	Np	Np	Np	Np
50	1KS16EC423	MONISHA .S	Mon	Mon	Mon	Mon	Mon	Mon
51	1KS16EC424	NAMRATHA .T.R	Nam	Nam	Nam	Nam	Nam	Nam
52	1KS16EC426	PAVITHRA S.P.	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra
53	1KS16EC427	POOJA B	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
54	1KS16EC432	RAKSHITHA M.S.	Rakshitha	Rakshitha	Rakshitha	Rakshitha	Rakshitha	Rakshitha
55	1KS16EC433	SHASHI. O	Shashi	Shashi	Shashi	Shashi	Shashi	Shashi
56	1KS16EC434	SUJAN . G	Sujan	Sujan	Sujan	Sujan	Sujan	Sujan
57	1KS16EC436	SUSHANT KORENNAWAR	Sushant	Sushant	Sushant	Sushant	Sushant	Sushant
58	1KS16EC438	VENUGOPAL B.S.	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal
59	1KS16EC439	YATHISH S.J	Yathish	Yathish	Yathish	Yathish	Yathish	Yathish
60	1KS16EC440	YETHENDRA KUMAR S	Yethendra	Yethendra	Yethendra	Yethendra	Yethendra	Yethendra
61	1KS14EC085	RANAJITHKUMAR. N	Ranjith	Ranjith	Ranjith	Ranjith	Ranjith	Ranjith
62	1KS14EC106	SUMANTH R	Sumanth	Sumanth	Sumanth	Sumanth	Sumanth	Sumanth



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K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

A SEMINAR REPORT ON “FUNDAMENTALS OF PYTHON PROGRAMMING”

Semester:	5 th Semester
Event Type:	Seminar
Event Name:	Fundamentals of Python Programming
Date/Duration/Timings:	12/11/2018 to 17/11/2018 / 6 Days / 9:00am to 4:00pm
Associated Bodies:	Nil
No. of Students:	128
Expert details:	Prof. Deepa S R, Prof. Roopesh Kumar B N, Prof. Raghavendrachar

Introduction:

The seminar on Fundamentals of Python Programming, spanning six days, aimed to provide an in-depth understanding of Python programming language to participants. Hosted at KSIT, the event attracted a diverse audience eager to delve into the intricacies of Python programming, from its basic syntax to advanced concepts.

Key Highlights:

Comprehensive Curriculum, Hands-on Learning, Project-based Approach, Expert Instruction, Networking and Collaboration

Day 1-2: Introduction and Basic Syntax

Introduction to Python: History, Features, and Applications
Setting Up Python Environment: Installing Python and IDEs
Basic Syntax: Variables, Data Types, and Operators
Control Structures: Conditional Statements and Loops
Hands-on Exercises and Coding Challenges

Day 3-4: Functions and Modules

Functions: Defining Functions, Parameters, and Return Values
Scope and Lifetime of Variables
Working with Built-in and User-defined Modules
Error Handling: Exception Handling in Python
Group Projects and Collaborative Coding

Day 5-6: Advanced Topics and Projects

File Handling: Reading and Writing Files in Python
Introduction to Object-Oriented Programming (OOP) in Python

Data Structures: Lists, Tuples, Dictionaries, and Sets
 Introduction to Libraries: Numpy, Pandas, Matplotlib
 Final Projects and Presentations

Conclusion:

The six-day mobile app development workshop provided participants with a comprehensive understanding of the app development lifecycle. Through a combination of theoretical knowledge and practical exercises, attendees gained valuable skills in ideation, design, coding, testing, and deployment. Armed with this knowledge, participants are well-equipped to embark on their mobile app development journeys.



EO-PO Mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO	3	2	3	2	3	3	-	-	-	2	-	3	3	-

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

PO's and PSO's Attained: PO1, PO2, PO3, PO4, PO5, PO6, PO10, PO12 & PSO1.

Event Coordinators

Prof. & Head, CSE

*Head of the Department
 Dept. of Computer Science & Engg
 K.S. Institute of Technology
 Bengaluru -560 109*

Principal

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 BENGALURU - 560 109.**



K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109

"FUNDAMENTALS OF PYTHON PROGRAMMING"

Academic Year 2018-2019 (Odd Semester)

List of Students and Attendance

Date: 12/11/2018 to 17/11/2018

Sl No.	USN	NAME	Signature					
			12-11-2018	13-11-2018	14-11-2018	15-11-2018	16-11-2018	17-11-2018
1	1KS16CS001	ABHISHEK.M	<u>MA</u>	<u>MA</u>	<u>MA</u>	<u>MA</u>	<u>MA</u>	<u>MA</u>
2	1KS16CS002	ADITYA MISHRA	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>
3	1KS16CS003	ADITYA SHANKAR.M	<u>AS</u>	<u>AS</u>	<u>AS</u>	<u>AS</u>	<u>AS</u>	<u>AS</u>
4	1KS16CS004	AKHILA.N	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>	<u>Akhila</u>
5	1KS16CS005	AKSHATHA.S.KATTA	<u>A.S. Katta</u>	<u>A.S. Katta</u>	<u>A.S. Katta</u>	<u>A.S. Katta</u>	<u>A.S. Katta</u>	<u>A.S. Katta</u>
6	1KS16CS006	AMAN SAGAR	<u>Amann</u>	<u>Amann</u>	<u>Amann</u>	<u>Amann</u>	<u>Amann</u>	<u>Amann</u>
7	1KS16CS007	AMITH.J.S	<u>AJS</u>	<u>AJS</u>	<u>AJS</u>	<u>AJS</u>	<u>AJS</u>	<u>AJS</u>
8	1KS16CS008	ANAND.T.R	<u>ATR</u>	<u>ATR</u>	<u>ATR</u>	<u>ATR</u>	<u>ATR</u>	<u>ATR</u>
9	1KS16CS009	ANANYASHREE.H.BHARTUR	<u>Ananya</u>	<u>Ananya</u>	<u>Ananya</u>	<u>Ananya</u>	<u>Ananya</u>	<u>Ananya</u>
10	1KS16CS010	APPANNA GOWDA.D	<u>Gowda</u>	<u>Gowda</u>	<u>Gowda</u>	<u>Gowda</u>	<u>Gowda</u>	<u>Gowda</u>
11	1KS16CS011	ARAVIND.R	<u>AR</u>	<u>AR</u>	<u>AR</u>	<u>AR</u>	<u>AR</u>	<u>AR</u>
12	1KS16CS012	AYUSH GUPTA	<u>Gupta</u>	<u>Gupta</u>	<u>Gupta</u>	<u>Gupta</u>	<u>Gupta</u>	<u>Gupta</u>
13	1KS16CS013	BHAGWAT DAYAL	<u>BDayal</u>	<u>BDayal</u>	<u>BDayal</u>	<u>BDayal</u>	<u>BDayal</u>	<u>BDayal</u>
14	1KS16CS014	BHARATH KUMAR.T.B	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>
15	1KS16CS015	BHARATH.P	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>
16	1KS16CS016	BHAVANA.R	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>

17	1KS16CS017	CHARLES THOMAS	Charles	Charles	Charla	Charls	Chely	Charh
18	1KS16CS018	DAKARAJU VISWA TEJA	DUT	DUT	DUT	DUT	DUT	DUT
19	1KS16CS019	DARSHAN.G.K	Dar	Dar	Das	Dz	Deer	Dear
20	1KS16CS020	DHANVI.P.DESAI	Desai	Desai	Desai	Desas	Desas	Desw
21	1KS16CS021	GREESHMA.S	greeshma	greesh	Greesh	Greesh	Jen	greeshw
22	1KS16CS022	HARINI.B.H	HariniBH	HariniBH	HariniBH	HariniBH	HariniBH	HariniBH
23	1KS16CS023	HARSHITHA.B.S	Har	Har	Har	Har	Har	Har
24	1KS16CS024	HARSHITHA.G.R	HarHar	HarHar	HarHar	HarHar	HarHar	HarHar
25	1KS16CS025	HITHAISHINI.C	Hithaishni	Hithaish	Hithaish	Hithaish	Hithaish	Hithaish
26	1KS16CS026	HRISHIKESH.C.V	Hri	Hri	Hri	Hri	Hri	Hri
27	1KS16CS027	ISHANI KOUL	Koul	koul	koul	koul	Koul	Koul
28	1KS16CS029	KAMAKOTI.P.SUSEELA PRIYANKA	Priya	Priya	Priya	Priya	Priya	Priya
29	1KS16CS030	KAVYA.D	Kavya D	Kavya D	Kavya D	Kavya D	Kavya D	Kavya D
30	1KS16CS031	KEERTHANA VIJAYABASKAR	Keer	Keer	Keer	Keer	Keer	Keer
31	1KS16CS032	KEERTHI.M	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi
32	1KS16CS033	KETAN.K	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan
33	1KS16CS034	KIRAN KUMAR.M	Kiran.k	Kiran.k	Kiran.k	Kiran.k	Kiran.k	Kiran.k
34	1KS16CS035	KOVVURI TARUN NAIDU	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
35	1KS16CS036	LAKSHYA RUHELA	Lakshya	Lakshya	Lakshya	Lakshya	Lakshya	Lakshya
36	1KS16CS037	LAVANYA.B	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya
37	1KS16CS038	MANASA REDDY.K	manasa	manasa	manasa	manasa	manasa	manasa
38	1KS16CS039	MANIPI MANOJ	mmj	mmj	mmj	mmj	mmj	mmj

39	1KS16CS040	MANMOHAN SINGH	<u>M Singh</u>	<u>M Singh</u>	<u>M Singh</u>	<u>M Singh</u>	<u>M Singh</u>	<u>M Singh</u>
40	1KS16CS041	MEGHANA.B.S	<u>Meghana</u>	<u>Meghana</u>	<u>Meghana</u>	<u>Meghana</u>	<u>Meghana</u>	<u>Meghana</u>
41	1KS16CS044	MOHITH.P	<u>Mohith P</u>	<u>Mohith P</u>	<u>Mohith P</u>	<u>Mohith P</u>	<u>Mohith P</u>	<u>Mohith P</u>
42	1KS16CS045	MONICA.M	<u>Monica</u>	<u>Monica</u>	<u>Monica</u>	<u>Monica</u>	<u>Monica</u>	<u>Monica</u>
43	1KS16CS046	MONIKA.C	<u>Monic</u>	<u>Monic</u>	<u>Monic</u>	<u>Monic</u>	<u>Monic</u>	<u>Monic</u>
44	1KS16CS047	MONISHA.R	<u>Monisha</u>	<u>Monisha</u>	<u>Monisha</u>	<u>Monisha</u>	<u>Monisha</u>	<u>Monisha</u>
45	1KS16CS048	MYTHRESH.A	<u>Am</u>	<u>Am</u>	<u>Am</u>	<u>Am</u>	<u>Am</u>	<u>Am</u>
46	1KS16CS049	NAGALEKHA RAMESH	<u>N. Ramesh</u>	<u>N. Ramesh</u>	<u>N. Ramesh</u>	<u>N. Ramesh</u>	<u>N. Ramesh</u>	<u>N. Ramesh</u>
47	1KS16CS051	NARSINGH KUMAR CHAUHAN	<u>NK Chauhan</u>	<u>NK Chauhan</u>	<u>NK Chauhan</u>	<u>NK Chauhan</u>	<u>NK Chauhan</u>	<u>NK Chauhan</u>
48	1KS16CS052	NAVYA.N	<u>Navya</u>	<u>Navya</u>	<u>Navya</u>	<u>Navya</u>	<u>Navya</u>	<u>Navya</u>
49	1KS16CS053	NIHARIKA RAJARAM	<u>RNI</u>	<u>RNI</u>	<u>RNI</u>	<u>RNI</u>	<u>RNI</u>	<u>RNI</u>
50	1KS16CS054	NIKHILA.M.Y	<u>Nikhila</u>	<u>Nikhila</u>	<u>Nikhila</u>	<u>Nikhila</u>	<u>Nikhila</u>	<u>Nikhila</u>
51	1KS16CS055	NISARGA.B	<u>Nisarga</u>	<u>Nisarga</u>	<u>Nisarga</u>	<u>Nisarga</u>	<u>Nisarga</u>	<u>Nisarga</u>
52	1KS16CS056	NITHYA.G	<u>Nithya A</u>	<u>Nithya A</u>	<u>Nithya A</u>	<u>Nithya A</u>	<u>Nithya A</u>	<u>Nithya A</u>
53	1KS16CS057	NIVETHA.K	<u>Nivi K</u>	<u>Nivi K</u>	<u>Nivi K</u>	<u>Nivi K</u>	<u>Nivi K</u>	<u>Nivi K</u>
54	1KS16CS058	NUKALA HARI VAMSI KRISHNA	<u>Nukala</u>	<u>Nukala</u>	<u>Nukala</u>	<u>Nukala</u>	<u>Nukala</u>	<u>Nukala</u>
55	1KS16CS060	PAVAN GOWDA.B.K	<u>Pg</u>	<u>Pg</u>	<u>Pg</u>	<u>Pg</u>	<u>Pg</u>	<u>Pg</u>
56	1KS16CS120	SINDHUSHREE	<u>S Sindhu</u>	<u>S Sindhu</u>	<u>S Sindhu</u>	<u>S Sindhu</u>	<u>S Sindhu</u>	<u>S Sindhu</u>
57	1KS16CS121	SUSHMA BASAVARAJ NIDONI	<u>SB Nidoni</u>	<u>SB Nidoni</u>	<u>SB Nidoni</u>	<u>SB Nidoni</u>	<u>SB Nidoni</u>	<u>SB Nidoni</u>
58	1KS17CS403	KARISHMA.A.J	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>
59	1KS17CS404	NETHRAVATHI.K.G	<u>Nethu K</u>	<u>Nethu K</u>	<u>Nethu K</u>	<u>Nethu K</u>	<u>Nethu K</u>	<u>Nethu K</u>
60	1KS17CS406	SANDHYA.K	<u>Sk</u>	<u>Sk</u>	<u>Sk</u>	<u>Sk</u>	<u>Sk</u>	<u>Sk</u>

105	1KS16CS105	SUPRIYA.C	Sc	Sc	Sc	Sc	Sc	Sc
106	1KS16CS106	SURYA.M	Suri	Suri	Suri	Suri	Suri	Suri
107	1KS16CS107	SWATHI.M.C	Suc	Suc	Suc	Suc	Suc	Suc
108	1KS16CS108	TANUSHREE.P	Tanu	Tanu	Tanu	Tanu	Tanu	Tanu
109	1KS16CS109	TEJASWINI.G	Teju	Teju	Teju	Teju	Teju	Teju
110	1KS16CS112	VARSHA PURUSHOTHAM	Ps	Ps	Ps	Ps	Ps	Ps
111	1KS16CS113	VARSHITHA.K	Varsha	Varsha	Varsha	Varsha	Varsha	Varsha
112	1KS16CS114	VEDANTHI KARTHIK.N	WK	WK	WK	WK	WK	WK
113	1KS16CS115	VELLUVAYALA RAKESH SRIVATSAV	Raki	Raki	Raki	Raki	Raki	Raki
114	1KS16CS116	VENNALA.K.N	Vennala	Vennala	Vennala	Vennala	Vennala	Vennala
115	1KS16CS117	VIDHYA DHARI.L	Vidhya	Vidhya	Vidhya	Vidhya	Vidhya	Vidhya
116	1KS16CS118	VIDYASHREE.S	V.Shree	V.Shree	V.Shree	V.Shree	V.Shree	V.Shree
117	1KS16CS119	VYDEHI BHAT	V.B	V.B	V.B	V.B	V.B	V.B
118	1KS17CS405	NISHANTH.A	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha
119	1KS14CS019	ARAVIND.K.L	Akl	Akl	Akl	Akl	Akl	Akl
120	1KS14CS076	PAVAN KUMAR.D	P.K	P.K	P.K	P.K	P.K	P.K
121	1KS15CS035	HARSHITHA SAKCHI	HS	HS	HS	HS	HS	HS
122	1KS15CS050	LAXMI.K.V	Lucky	Lucky	Lucky	Lucky	Lucky	Lucky
123	1KS15CS069	PRASHANTH.S	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth
124	1KS15CS073	PRIYANKA.M	Priya	Priya	Priya	Priya	Priya	Priya
125	1KS15CS091	SHANTHANU SHIVASWAMY	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva
126	1KS15CS121	YASHAS.H.R	Jashu	Jashu	Jashu	Jashu	Jashu	Jashu

127	1KS15CS127	VINUTHA.S	Vinutha	Vinutha	Vinutha	Vinutha	Vinutha	Vinutha
128	1KS16CS123	RASHMI HEGADE	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi

Vinutha

Prof. & Head, CSE

Head of the Department
 Dept. of Computer Science & Engg
 K.S. Institute of Technology
 Bengaluru -560 109

[Signature]

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61	1KS16CS415	VIDYASHREE.B	<u>vidya</u>	<u>vidya</u>	<u>vidya</u>	<u>vidya</u>	<u>vidya</u>	<u>vidya</u>
62	1KS15CS126	SUSHMA.D.S	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma
63	1KS14CS128	SHWETHA.T	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha
64	1KS15CS065	NIKHIL MEDURI	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
65	1KS15CS066	NIKIL.M	Nikil	Nikil	Nikil	Nikil	Nikil	Nikil
66	1KS15CS067	PAVITHRABAI.C	Pavi	pavi	Pavi	Pavi	pavi	Pavi
67	1KS15CS068	PRAJWAL.J	Pj	Pj	Pj	Pj	Pj	Pj
68	1KS15CS070	PRATEEK	Prateek	Pratak	Prateek	Prateek	Prateek	Bateek
69	1KS15CS071	PRERANA.R	PR	PR	PR	PR	PR	PR
70	1KS15CS072	PRITAM RAJ	Praj	Praj	Praj	Praj	Praj	Praj
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72	1KS15CS075	PRIYANKA.S	PR	PR	PR	PR	PR	PR
73	1KS15CS076	RABIYA FARHEEN	Farheen	Farheen	Farheen	Farheen	Farheen	Farheen
74	1KS15CS079	RAMYA.R.PAI	Rz	Rz	Rz	Rz	Rz	Rz
75	1KS15CS080	RANJANA.C.A	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana
76	1KS15CS081	RISHIKA SINHA	Sinha	Sinha	Sinha	Sinha	Sinha	Sinha
77	1KS15CS082	S.N.SHREYAS	SNS	SNS	SNS	SNS	SNS	SNS
78	1KS15CS084	SAI SHASHIKAA.T.R	TR	TR	TR	TR	TR	TR
79	1KS15CS085	SAMPRITHA.T.S	STS	STS	STS	STS	STS	STS
80	1KS15CS086	SAMYUKTHA RAVI	Ykav	Ykav	Ykav	Ykav	Ykav	Ykav
81	1KS15CS087	SANJAY.S.G	SJ	SJ	SJ	SJ	SJ	SJ
82	1KS15CS088	SANJEEVAN.M.C	SJ	SJ	SJ	SJ	SJ	SJ

83	1KS15CS089	SATHISH SRINIVAS	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish
84	1KS15CS090	SHALINI.S	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
85	1KS15CS092	SHASHWATH.G.M	Shashwath	Shashwath	Shashwath	Shashwath	Shashwath	Shashwath
86	1KS15CS093	SHILPA.R	SR	SR	SR	SR	SR	SR
87	1KS15CS094	SHIRISHA.D	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha	Shirisha
88	1KS15CS095	SHIV SHANKAR SAH	Shiv	Shiv	Shiv	Shiv	Shiv	Shiv
89	1KS15CS096	SHRAVYA.M.S	Shravya	Shravya	Shravya	Shravya	Shravya	Shravya
90	1KS15CS097	SHREYA.S.PAI	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya
91	1KS15CS098	SHWETHA.G	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha	Shwetha
92	1KS15CS099	SIDDARTH MEHARWADE	Sm	Sm	Sm	Sm	Sm	Sm
93	1KS15CS100	SINDHU BHAIRAVI.G.K	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu
94	1KS15CS101	SIRINA.V.A.P	Sirina	Sirina	Sirina	Sirina	Sirina	Sirina
95	1KS15CS102	SIRISHA.M	Sirisha	Sirisha	Sirisha	Sirisha	Sirisha	Sirisha
96	1KS15CS103	SPANDANA MANJUNATH	Manju	Manju	Manju	Manju	Manju	Manju
97	1KS15CS106	SUCHITHRA.G.S	Suchi	Suchi	Suchi	Suchi	Suchi	Suchi
98	1KS15CS107	SUHAIB.Z.AHMED	SA	SA	SA	SA	SA	SA
99	1KS15CS108	SUNIL KUMAR SHARMA	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
100	1KS15CS109	SURAJ KUMAR	Skumar	Skumar	Skumar	Skumar	Skumar	Skumar
101	1KS15CS110	SUSHMA.N	SN	SN	SN	SN	SN	SN
102	1KS15CS111	SWETHA ADIGA.G	Adiga	Adiga	Adiga	Adiga	Adiga	Adiga
103	1KS15CS112	SYED MOHAMMED WASI	Syed	Syed	Syed	Syed	Syed	Syed
104	1KS15CS113	TEENU PRATHYUSH	Teenu	Teenu	Teenu	Teenu	Teenu	Teenu

105	1KS15CS114	THIMMESH.M	<u>Thm</u>	<u>Thm</u>	<u>Thm</u>	<u>Thm</u>	<u>Thm</u>	<u>Thm</u>
106	1KS15CS115	TUSHARA VASUDEVACHAR	<u>Tv</u>	<u>Tv</u>	<u>Tv</u>	<u>Tv</u>	<u>Tv</u>	<u>Tv</u>
107	1KS15CS116	VAIBHAV.V	<u>Vbd</u>	<u>Vbd</u>	<u>Vbd</u>	<u>Vbd</u>	<u>Vbd</u>	<u>Vbd</u>
108	1KS15CS117	VAISHNAVI.K.N	<u>kn</u>	<u>kn</u>	<u>kn</u>	<u>kn</u>	<u>kn</u>	<u>kn</u>
109	1KS15CS118	VAISHNAVI.K.R	<u>Vkr</u>	<u>Vkr</u>	<u>Vkr</u>	<u>Vkr</u>	<u>Vkr</u>	<u>Vkr</u>
110	1KS15CS119	VARSHITHA PRAKASH	<u>Vsritha</u>	<u>Vsritha</u>	<u>Vsritha</u>	<u>Vsritha</u>	<u>Vsritha</u>	<u>Vsritha</u>
111	1KS15CS120	VIKASH KUMAR SINGH	<u>Vs</u>	<u>Vs</u>	<u>Vs</u>	<u>Vs</u>	<u>Vs</u>	<u>Vs</u>
112	1KS15CS122	YASHASWINI.M	<u>Yashaswini</u>	<u>Yashaswini</u>	<u>Yashaswini</u>	<u>Yashaswini</u>	<u>Yashaswini</u>	<u>Yashaswini</u>
113	1KS15CS123	YASHWANTH.D.M	<u>Yashu</u>	<u>Yashu</u>	<u>Yashu</u>	<u>Yashu</u>	<u>Yashu</u>	<u>Yashu</u>
114	1KS16CS400	BHAGYAVATHI.V	<u>Bhagya</u>	<u>Bhagya</u>	<u>Bhagya</u>	<u>Bhagya</u>	<u>Bhagya</u>	<u>Bhagya</u>
115	1KS16CS401	BHAVYA.V	<u>Bhavya</u>	<u>Bhavya</u>	<u>Bhavya</u>	<u>Bhavya</u>	<u>Bhavya</u>	<u>Bhavya</u>
116	1KS16CS403	DARSHAN.A	<u>Darshan</u>	<u>Darshan</u>	<u>Darshan</u>	<u>Darshan</u>	<u>Darshan</u>	<u>Darshan</u>
117	1KS16CS407	POORNIMA.S	<u>Poornima</u>	<u>Poornima</u>	<u>Poornima</u>	<u>Poornima</u>	<u>Poornima</u>	<u>Poornima</u>
118	1KS16CS409	ROOPA.C.L	<u>Roopa</u>	<u>Roopa</u>	<u>Roopa</u>	<u>Roopa</u>	<u>Roopa</u>	<u>Roopa</u>
119	1KS16CS413	THEERTHA.D	<u>Theertha</u>	<u>Theertha</u>	<u>Theertha</u>	<u>Theertha</u>	<u>Theertha</u>	<u>Theertha</u>
120	1KS14CS028	BOBBY SHREE.G	<u>Bobby</u>	<u>Bobby</u>	<u>Bobby</u>	<u>Bobby</u>	<u>Bobby</u>	<u>Bobby</u>
121	1KS14CS036	DURGASHREE.A.M	<u>Durga</u>	<u>Durga</u>	<u>Durga</u>	<u>Durga</u>	<u>Durga</u>	<u>Durga</u>
122	1KS14CS079	PRATHEEK.K	<u>Pk</u>	<u>Pk</u>	<u>Pk</u>	<u>Pk</u>	<u>Pk</u>	<u>Pk</u>

D. Karan

Prof. & Head, CSE

Head of the Department
Dept. of Computer Science & Engg
K.S. Institute of Technology
Bengaluru -560 109

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

A REPORT ON “MOBILE APPILCATION DEVELOPMENT COURSE”

Semester:	7 th Semester
Event Type:	Seminar
Event Name:	Mobile Application Development Course
Date/Duration/Timings:	06/08/2018 to 11/08/2018 / 6 Days / 9:00am to 4:00pm
Associated Bodies:	Nil
No. of Students:	122
Expert details:	Prof. Vaneetha M, Prof. Kushal Kumar, Prof. Raghavendrachar, Prof. Sangeetha. V

Introduction:

The mobile app development workshop held over six days aimed to equip participants with the essential skills and knowledge required to create functional mobile applications. Led by experienced developers, the workshop covered various aspects of app development, including ideation, design, coding, and testing.

Day 1: Introduction to Mobile App Development

The workshop kicked off with an overview of the mobile app landscape, highlighting the significance of mobile applications in today's digital age. Participants were introduced to different platforms (iOS, Android) and programming languages commonly used in app development (Swift, Java, Kotlin).

Day 2: Ideation and Planning

On the second day, participants engaged in brainstorming sessions to generate app ideas. They learned about market research techniques to identify potential niches and target audiences. Practical exercises focused on defining app features, creating user personas, and developing user stories. By the end of the day, each participant had a solid concept for their app project.

Day 3: User Interface (UI) Design

The focus of day three was on UI design principles and tools. Participants learned about user experience (UX) design, wireframing, and prototyping. Using popular design software, such as Adobe XD or Sketch, they translated their app ideas into mock-ups and interactive prototypes. Feedback sessions helped refine their designs and ensure usability.

Day 4: App Development - Part 1

Day four delved into the development phase of app creation. Participants received an introduction to relevant development environments (Xcode for iOS, Android Studio for Android) and learned basic programming concepts specific to mobile app development. Hands-on coding sessions covered topics such as user interface implementation, navigation, and data management.

Day 5: App Development - Part 2

Building upon the skills acquired on the previous day, participants continued with more advanced development concepts. Topics included integrating APIs, implementing functionality (e.g., user authentication, data storage), and handling user inputs. Throughout the day, instructors provided guidance and troubleshooting assistance as participants worked on their app projects.

Day 6: Testing and Deployment

The final day focused on testing, debugging, and deploying mobile applications. Participants learned about different testing methods (unit testing, UI testing) and tools for identifying and fixing bugs. The workshop concluded with a discussion on app distribution strategies, including the App Store and Google Play Store submission processes.

Conclusion:

The six-day mobile app development workshop provided participants with a comprehensive understanding of the app development lifecycle. Through a combination of theoretical knowledge and practical exercises, attendees gained valuable skills in ideation, design, coding, testing, and deployment. Armed with this knowledge, participants are well-equipped to embark on their mobile app development journeys.



EO-PO Mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO	3	3	3	3	3	3	-	-	-	2	-	3	3	3

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

PO's and PSO's Attained: PO1, PO2, PO3, PO4, PO5, PO6, PO10, PO12, PSO1 & PSO2

Malay
Event Coordinators

Durathapuri
Prof. & Head, CSE
Head of the Department
Dept. of Computer Science & Engg
K.S. Institute of Technology
Bengaluru -560 109

[Signature]
Principal
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K.S.INSTITUTE OF TECHNOLOGY, BANGALORE-560109

A Report on Value Added Course on Advances in Additive Manufacturing Technique (3D Printing)

Date of Conduction: 06-08-2018 to 11-08-2018

Venue: K S Institute of Technology

Time: 9.00AM TO 4.00 PM

Duration: 6 days

Sponsoring Bodies/Associating Organization: Nil

Expert Details: Prof. Nirmala L, Prof. Girish T R

Description of the Event:

Objective:

The primary objective of the 6-Day Value Added Course on "Advances in Additive Manufacturing Technique (3D Printing)" was to equip participants with comprehensive knowledge and practical skills in the latest advancements in additive manufacturing, particularly focusing on 3D printing technologies. The course aimed to provide insights into various aspects of additive manufacturing, including materials, processes, applications, and future trends.

Course Contents:

Day 1: Introduction to Additive Manufacturing

- Overview of additive manufacturing technologies
- Historical development and evolution of 3D printing
- Fundamentals of additive manufacturing processes

Day 2: 3D Printing Materials and Properties

- Types of materials used in 3D printing
- Properties and characteristics of 3D printing materials
- Selection criteria for materials in different applications

Day 3: Advanced 3D Printing Techniques

- Stereo lithography (SLA)
- Selective Laser Sintering (SLS)
- Fused Deposition Modeling (FDM)
- Direct Metal Laser Sintering (DMLS)
- Electron Beam Melting (EBM)
- Binder Jetting

Day 4: Design for Additive Manufacturing (DFAM)

- Principles of DFAM
- Design considerations and guidelines for additive manufacturing
- Optimization techniques for enhancing part performance and efficiency

Day 5: Applications of Additive Manufacturing

- Aerospace and defense
- Automotive industry
- Healthcare and medical applications
- Consumer products
- Architecture and construction
- Future trends and emerging applications

Day 6: Hands-on Workshop and Case Studies

- Practical demonstration of 3D printing technologies
- Hands-on experience with additive manufacturing equipment
- Case studies highlighting real-world applications and success stories

Participants details –5thSemester students of Mechanical Engineering-137students



Course Outcomes:

1. Enhanced Understanding: Participants gained a deeper understanding of additive manufacturing technologies, processes, materials, and applications through comprehensive lectures and interactive sessions.
2. Practical Skills Development: Hands-on workshops provided participants with practical experience in operating 3D printing equipment and implementing design principles for additive manufacturing.

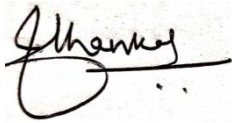
3. Industry Insights: Participants gained insights into the current trends, challenges, and opportunities in the field of additive manufacturing, enabling them to stay updated with the latest advancements.
4. Networking Opportunities: The course facilitated networking among participants, industry experts, and academia, fostering collaborations and knowledge sharing.

Conclusion:

Overall, the 6-Day Value Added Course on "Advances in Additive Manufacturing Technique (3D Printing)" proved to be highly beneficial for participants, equipping them with the necessary knowledge and skills to excel in the rapidly evolving field of additive manufacturing.

CO/PO&PSO-Mapping:

CO/PO&PS O	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PS O 2
	3	2	2	2	3	3						3	3	3

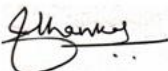


Dr. Umashankar
Professor & Head ME Dept



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Dr. Umashankar
Professor & Head *M.E. Dept.*


Dr. T.V. Govindaraju
Principal & Director



K.S.INSTITUTE OF TECHNOLOGY, BANGALORE-560109

A Report on Value Added Course on Heating Ventilation and Air Conditioning System Design

Date of Conduction: 24-09-2018 to 29-09-2018

Venue: K S Institute of Technology

Time: 9.00AM TO 4.00 PM

Duration: 6 days

Sponsoring Bodies/Associating Organization: Nil

Expert Details: Prof. Nagaprasad K S, Prof. K Prasad

Description of the Event:

Introduction:

The 6-day value-added course on HVAC system design was organized by K S Institute of Technology from 24-09-2018 to 29-09-2018. The course aimed to provide participants with comprehensive knowledge and practical skills in designing efficient HVAC systems for various applications.

Contents:

Day1: Fundamentals of HVAC Systems:

- Introduction to HVAC systems
- Basic principles of heating, ventilation, and air conditioning
- Understanding psychometrics and its application in HVAC design

Day2: Load Calculation and Equipment Selection:

- Methods of calculating heating and cooling loads
- Factors influencing load calculations
- Selection criteria for HVAC equipment such as chillers, boilers, air handling units, etc.

Day3: System Design and Layout:

- Design considerations for ductwork and piping systems
- Zoning and air distribution strategies
- Integration of HVAC systems with building architecture

Day4: Energy Efficiency and Sustainability:

- Strategies for energy-efficient HVAC design
- Incorporating renewable energy sources
- Green building certifications and standards

Day5: Controls and Automation:

- Introduction to HVAC control systems
- Control strategies for optimizing system performance
- Integration of building management systems (BMS)

Day6: Commissioning and Maintenance:

- Importance of commissioning in HVAC projects
- Commissioning procedures and protocols
- Best practices for ongoing maintenance and troubleshooting

Participants details –7thSemester students of Mechanical Engineering-120 students



Course Outcomes:

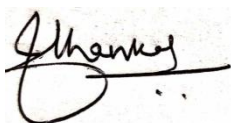
1. **Enhanced Knowledge:** Participants gained a deeper understanding of HVAC principles, load calculations, equipment selection, and system design fundamentals.
2. **Improved Design Skills:** Through practical exercises and case studies, participants developed skills in designing HVAC systems tailored to specific requirements and constraints.
3. **Energy Efficiency Focus:** The course emphasized energy-efficient design practices, enabling participants to incorporate sustainability principles into their HVAC projects.
4. **Hands-on Experience:** Interactive sessions and workshops provided hands-on experience in load calculations, equipment selection, and system design, enhancing participants' practical skills.
5. **Professional Networking:** The course facilitated networking opportunities among participants and industry experts, fostering collaboration and knowledge exchange.
6. **Certification:** Participants received a certificate upon successful completion of the course, recognizing their expertise in HVAC system design.

Conclusion:

The 6-day value-added course on HVAC system design equipped participants with the knowledge, skills, and certification necessary to excel in the field of heating, ventilation, and air conditioning. By focusing on practical applications and energy efficiency, the course prepared participants to meet the challenges of designing modern and sustainable HVAC systems.

CO/PO&PSO-Mapping:

CO/PO&PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
	3	2	2	2	1	1						3	3	3

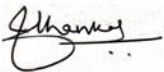


Dr. Umashankar
Professor & Head ME Dept



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114	IKS16ME433	VARUN.R	VarunR	VarunR	VarunR	VarunR	VarunR	VunurR	VarunR	VarunR	VarunR	VarunR	VarunR	VarunR	VarunR
115	IKS16ME434	VEERESH	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh	Veesh
116	IKS16ME435	VENKATARAMANA NAYAK K	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak	V.nayak
117	IKS16ME436	VINAY KUMAR	V.K	V.K	V.K	V.K	V.K	V.K	V.K	V.K	V.K	V.K	V.K	V.K	V.K
118	IKS16ME437	VISHAL.N.S	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal
119	IKS16ME439	YASHWANTH.K	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash
120	IKS16ME440	DHANUSHREE.K	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu



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Professor & Head ME Dept.



Dr. T.V. Govindaraju
Principal & Director

OneLit Certified RHPE

Remote Hacking Python Expert

Proudly Presented to

Parth P Shah

for Completing our **OneLit Certified Remote Hacking Python Expert Course**. The course includes basics of concepts of programming in python, virtualization, networking and shell creation using python. **Gaining remote access** using python shells and converting **python code to executable 'exe' files** was the main syllabus of the course.



Nikhil Mahadeshwar
Director



RHPE0125193



Priyank Gada
Instructor

Verify Certificate - me@priyankgada.com | Course Content - www.udemy.com/course/852622
Awarded on 01 Jan 2019 | RHPE v2.0.2019



5 Courses

Google Cloud Platform Big Data and Machine Learning Fundamentals

Leveraging Unstructured Data with Cloud Dataproc on Google Cloud Platform

Serverless Data Analysis with Google BigQuery and Cloud Dataflow

Serverless Machine Learning with Tensorflow on Google Cloud Platform

Building Resilient Streaming Systems on Google Cloud Platform

Google Cloud

11/15/2018

Narasimha Prasanna HN

has successfully completed the online, non-credit Specialization

Data Engineering on Google Cloud Platform

This five-course accelerated specialization is designed for data professionals who are responsible for designing, building, analyzing, and optimizing big data solutions. Through a combination of video lectures, quizzes, and hands-on labs, learners carried out serverless data analysis and productionize machine learning models. This specialization is designed to give learners a robust hands-on experience and is primarily lab-focused.

Google Cloud Training

Google Cloud Training



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(Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC & NBA [CS,EC & Mech])

#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

Tel: 080-28435722 / 24 Web : www.ksit.edu.in

Organized by

Department of Computer Science and Engineering

Certificate of Participation

This is to certify that Mr./Ms AKSHATHA RAMESH Bearing USN no 1KS17CS003 is successfully completed 6 days course on “Cyber Secutiy & Ethical Hacking” conducted from 27TH Aug to 1st of September 2018 at K.S. Institute of Technology Bengaluru

Dr.Rekha B Venkatapur
Professor & Head CSE Dept

Dr. T.V Govindaraju.
Principal & Director