



SRI VENKATESWARA COLLEGE OF ENGINEERING
Pennalur, Sriperumbudur (TK) – 602 117
Autonomous - Affiliated to Anna University, Chennai

Reflection Report

Two Day Workshop

on

Internet of Things (IoT) and Cloud Computing
07/02/2019 – 08/02/2019

Organized By

Department of Computer Science and Engineering

Coordinators

Dr. R. Anitha, Prof & HoD/CSE
Ms. P. Vinothiyalakshmi, AP/CS
Mr. T. Rajasekaran, AP/CS
Ms. S. K. Umamaheswari, AP/CS

To: HoD-cs
Noted;
Good effort
26
7/3

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Workshop on Internet of Things(IoT) and Cloud Computing

On 7th and 8th of February, 2019, two day technical workshop on “Internet of Things (IoT) and Cloud Computing” was conducted to the 2nd year students and faculty of Sri Venkateswara College of Engineering from 9.00 A.M to 3.00P.M by the Department of Computer Science and Engineering. The Workshop was co-ordinated by Mrs Dr. R Anitha, Mrs. P.Vinothiyalakshmi (AP/CSE), Mr.T.Rajasekarn (AP/CSE) and Mrs. S.K Umamaheshwari (AP/CSE).

The speakers were, Mr. Mohamed Sirajudeen, JRF and Mr. Muralidharan, Research Scholar from DST-Cloud Research lab, Department of Computer Science and Engineering, SVCE.

It was a workshop which fabricated to enlighten the participants about the use of the IoT and Cloud Computing. The total strength of the participants in 46. Participants had the fruitful hands-on session on the basic of IoT.



It began with the welcome address by respected Mrs.P.Vinothiyalakshmi, Assistant Professor of the Department of the Computer Science and Engineering, SVCE. The participants were first taught about the recent patents that has been filed on IoT in WIPO, IPO and USPTO. Later the introduction to IoT and basic electronics was taught to the participants by Mr. Mohamed Sirajudeen.



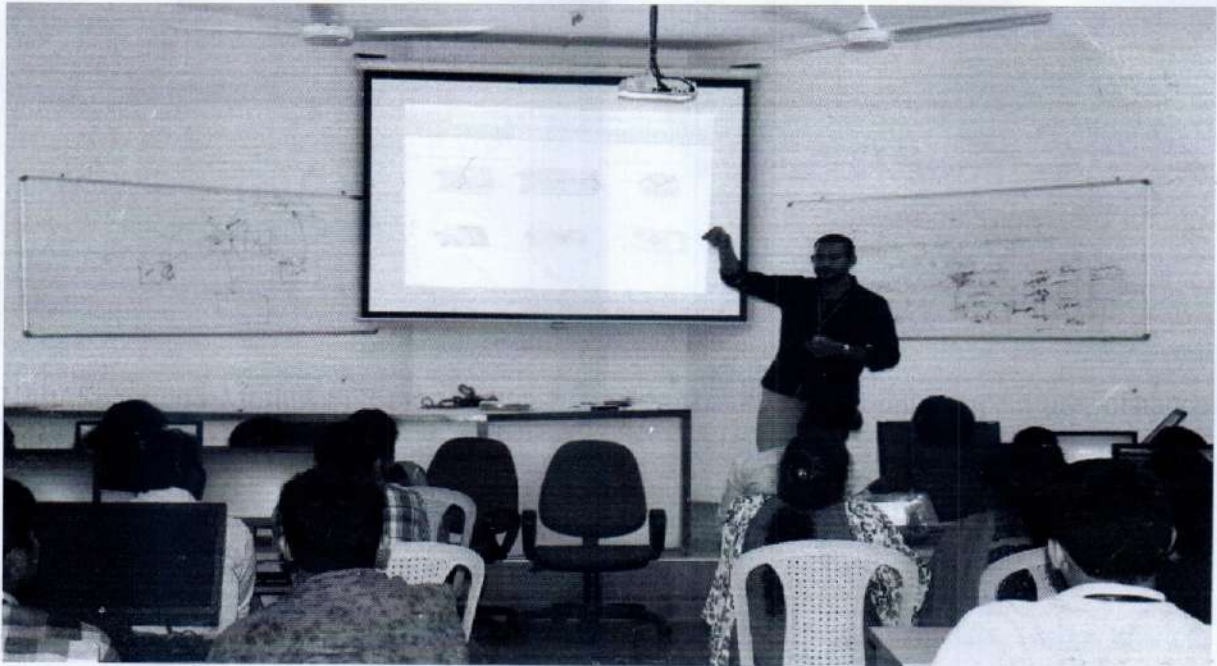
After the tea break, the participants were separated into 9 batches, where each batch had 5 to 6 members. Soon after, Mr. C Muralidharan started his session and explained about the Arduino IDE and ESP8266 Wifi Modules. He made the participants to install the IDE on their own.

After successful completion of installing Arduino IDE, the IoT kit boxes were distributed to the participants. The Kit box had, Arduino Uno Kit and connector cable, NodeMCU 0.9, Motion Sensor, Ultrasonic Sensor, DHT11 Temperature sensor, sound buzzer, bread board, 9V battery and connector, Jumper wires, resistors and LEDs.



In the afternoon session of 7th February, 2019 Mr. Muralidharan and Mr. Mohamed Sirajudeen, taught the participants about how to connect the Arduino Uno with DHT sensor,

Ultra Sonic and Motion Sensor. All the batches, measured the room temperature, distance using Ultra sonic sensor



The second day (8th February, 2019) started with the hands-on session on cloud computing, Mr. Muralidharan, explained the basics of ESP8266 and NodeMCU. After that, participants were instructed to upload the DHT sensor data to the ThinkSpeak cloud. In the afternoon session, Blynk android app is used switch on and off the LED through cloud. The workshop was hands-on, and thus was very informative and useful. By the end of workshop, the participants were not only able to measure the sensor data but also understand its working. Finding the workshop very interesting and informative, the participants requested for more such workshop to be conducted in the future.



The workshop ended with the distribution of certificated and a vote of thanks from Mrs. P. Vinothiyalakshimi, Assistant Professor of Computer Science and Engineering.

Co-ordinator
P. Vittal
(P. VINOTHIALAKSHIMI, AP/CSE)

HOD/CSE
1/3/19
(DR. R. Anitha)

29-01-2019

From,

Ms.P.vinothiyalakshmi
Assistant professor
Department of CSE
Sri Venkateswara college of Engineering.

To

The Principal,
Sri Venkateswara college of Engineering.

Through

The Head of the Department,
Department of CSE
Sri Venkateswara college of Engineering.

Respected Sir,

Sub: Requesting your permission to Organize a Workshop on Internet of Things(IoT) & Cloud-Reg

On behalf of CSE department, I would like to organize a two days workshop on "Internet of Things(IoT) & Cloud Computing". The tentative dates for the workshop is 7th and 8th of February 2019. The full time research scholars of our department, Mr.Md.Sirajudeen and Mr.C.Muralidharan will be the resource persons for the workshop. Our college students and the research scholars will be the ~~targeted~~ participants for this workshop. The registration fee per participant for the workshop is Rs.500/-. Hereby I am requesting your kind permission to organize the workshop.

Note:

Workshop budget estimation enclosed.

Thanking you

Yours faithfully

P.Vinothiyalakshmi
(Ms.P.Vinothiyalakshmi, AP/CS)

To: HOD - CS
Approved
2/Jan/19
11/2/19

Budget Estimation

No. of Participants : 30 members
Total Income : $30 \times 500 = 15,000/-$ (in Rs)

Expenditure details:

1. IoT Kit ✓ : Rs.12,000 (5 no's.)
2. Tea & Refreshment : Rs.2500/-
3. Certificates : Rs.500/-

Total : Rs.15,000/-

Mohamed Sirajudeen Yoosuf

Junior Research Fellow,
Room # 5128, DST Cloud Research Lab, Dept. of CSE,
Sri Venkateswara College of Engineering, Chennai
ducksirajsmilz@gmail.com, research.duck@gmail.com

Area of Interest	Big Data; Cloud Computing; Cloud Security; Internet of Things (IOT) - Microcontrollers	
Education	<i>Ph.D. Information and Communication Engineering</i> Sri Venkateswara College of Engineering Anna University, Chennai. Title: Homomorphic Encryption based Data Security in Federated Cloud Environment.	Pursuing (Full-Time)
	<i>M.E Computer Science and Engineering</i> Sri Venkateswara College of Engineering Anna University, Chennai. CGPA : 7.75/10 (First Class)	2015
	<i>B. Tech Information Technology</i> Regional Centre of Anna University, Thirunelveli Anna University, Chennai CGPA : 7.61/10 (First Class)	2013
	<i>B.Sc. Counselling Psychology</i> Manonmaniam Sundaranar University, Tirunelveli	Pursuing (Distance)
Experience	<i>Project Assistant</i> Rajiv Gandhi National Institute of Youth Development, Sriperumbudur. (Institute of National Importance)	Dec 2015 – Mar 2016
	<i>Junior Research Fellow</i> DST Cloud Research Lab, Dept. of CSE, Sri Venkateswara College of Engineering, Chennai	Mar 2017 – Till Date
Academic Honours	<i>Registered Patent Agent,</i> Indian Patent Office (IPO)	Jan 2019
	<i>Intramural Research Fund,</i> Sri Venkateswara College of Engineering,	2015
Guest Lectures	<i>Cloud and Big Data</i> Rajiv Gandhi College of Engineering, Sriperumbudur.	31 st Aug 2016
	<i>Workshop on “Theory of Big Data and Cloud</i>	

Computing”

Sadakathullah Appa Arts College,
Tirunelveli.

27th Sep 2016

Deploying Cloud Infrastructure using Eucalyptus

Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering, Chennai

03rd Oct 2018

Workshop on “Internet of Things & Cloud Computing”

Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering, Chennai

07th & 8th
Feb 2018

Publications *Journal*

- Mohamed Sirajudeen Y, R Anitha, “ Efficient ACS Cryptosystem to ensure data security against IND-CCA2 attack in cloud computing”, International Journal of Information System and Change management (Communicated)
- Mohamed Sirajudeen Y, R Anitha, “ Efficient ACS Cryptosystem to ensure data security against IND-CCA2 attack in cloud computing”, International Journal of Information System and Change management (Communicated)
- Raju S, Mohamed Sirajudeen Y, “Low Cost GPS Integrated With INS And Reduction Of Emitted Data Using Hadoop - Map Reduce”, International Journal of Applied Engineering Research, Vol. 10, No. 21, pp. 19784-19788, 2015.

Conferences

- Mohamed Sirajudeen Y, R Anitha, “Matrix based Data Security in Cloud Computing using Cramer Shoup Cryptosystem”, in Proc. Springer AICS, Vol. 755, pp. 271-281, 2018.
- Mohamed Sirajudeen Y, R Anitha, “Survey on Homomorphic Encryption”, in Proc. Atlantis Advances in Engineering Research Vol. 141, pp. 70-75, 2018.
- Raju S, Mohamed Sirajudeen Y, “Data Security in Cloud Computing Using Cramer-Shoup Cryptosystem”, International Conference in Contemporary Computing and Informatics, Vol. 5, No. 14, pp. 343-347, 2014.

**Patents filed/
to be filed**

- Dr. R Anitha, C. Muralidharan, P. Vinothiyalakshmi, T.Padmavathy, Y Mohamed Sirajudeen, “Search and Place filter (SPF) – A Probabilistic data structure for visualization” (Indian Patent No : 201841038564), Status – Application Awaiting Examination.
- Dr. R Anitha, Y Mohamed Sirajudeen, C Muralidharan , “Smart Scanner: An IoT device for Certificate Verification” (*About to be filed)
- Dr. R Anitha, C Muralidharan, Y Mohamed Sirajudeen, “ Smart cap for hair density measurement (About to be filed)

MURALIDHARAN.C

Room #5128, DST Cloud Research Lab ,
Dept. of Computer Science and Engineering,
Sri Venkateswara College of Engineering, Chennai.
murali20infotech@gmail.com, cmitresearch@gmail.com

Area of Interest Cloud Computing; Big Data; Data Analytics;
Internet of Things (IOT)

Educational Qualification

S. No	Qualification	Name of the Institute/University	Year	Percentage/CGPA
1.	Ph.D. Information and Communication Engineering	Sri Venkateswara College of Engineering, Sriperumbudur.	pursuing	--
2.	M.E (Computer Science and Engineering)	St. Peter's college of Engineering and Technology, Avadi	2013-2015	7.9
3.	B. Tech (Information Technology)	Rajiv Gandhi College Of Engineering, Sriperumbudur.	2009-2013	7.79
4.	H.S.C	Ramakrishna Vidhyaalaya Matriculation Higher Secondary School, Villupuram.	2009	77.41 %
5.	S.S.L.C	Ramakrishna Vidhyaalaya Matriculation Higher Secondary School, Villupuram.	2007	76.63 %

Academic Honors and Achievements

- Awarded Merit Certificate for securing Department first in B. Tech.
- Represented as the coordinator for the national level conference in college.
- Won the second place at inter college Research day presentation.
- Myself and my friends were founded and organizing a foundation named AURORA to empower education in the urban areas and I am the EVENT ORGANISER of this foundation.

Workshops & Guest Lectures

Cloud and Big Data

Rajiv Gandhi College of Engineering, Sriperumbudur.

31st Aug 2016

Workshop on "Theory of Big Data and Cloud Computing"

Sadakathullah Appa Arts College,
Tirunelveli.

27th Sep 2016

Deploying Cloud Infrastructure using Eucalyptus

Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering, Chennai

03rd Oct 2018

Workshop on "Internet of Things & Cloud Computing"

Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering, Chennai

07th & 8th

Feb 2018

Tools and Packages

Proficient in : Eucalyptus

Acquainted with : Hadoop, Globus Tool Kit

Publications

Conference

1. Jainullabdeen A, **Muralidharan C**, Nithya B, "Cloud Services Lifecycle of IT services Through Semantic Technology" in International Conference On Recent Innovations In Engineering & Technology, Discovery, 2015, 30(128), 234-239.
2. **Muralidharan C**, Jainullabdeen A, "A cloud computing solution for service virtualization, infrastructure and applications" in National Conference On Advanced Trends In Computing And Communications-2015.
3. Muralidharan C, R. Anitha, "Risk Analysis of Cloud Service Providers by Analyzing the Frequency of Occurrence of Problems using Eclat Algorithm" in 4th International Symposium on Big Data and Cloud Computing Challenges (ISBCC'17), 2017.
4. Muralidharan C, R. Anitha, "Survey on Tasks and Approaches of Sentiment Analysis" in International Conference For Phoenixes On Emerging Current Trends in Engineering and Management, 2018.

Journal

1. Muralidharan C, R. Anitha, "Survey on Tasks and Approaches of Sentiment Analysis" in Advances in Engineering Research, Atlantis Press, Vol. 142, 2018.
2. Muralidharan C, L. Shyamala, R. Anitha, "A Comparative Study on Cluster, Grid, Cloud Environments and various System Level Scheduling algorithms in Cloud Computing, Journal of Classification, 2018 (Communicated).

Personal details

Name : C.MURALIDHARAN
Age : 27
Date of Birth : 20-08-1991
Gender : Male
Marital status : Single
Father's name : R.CHANDRABABU
Permanent address : 1/37, East Street,
Semmar& post,
Via Perangiyur,
Villupuram District-607107

References

1. Dr. R Anitha
Professor and Head,
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering, Chennai, India. (anitabalajim@yahoo.com)
2. Dr. Raju S
Professor and Controller of Examination,
Vellore Institute of Technology, Bhopal, India . (srajuhere@gmail.com)

Profile of Dr. R. Anitha

With an experience of 18 years in Teaching & Research, Dr. R. Anitha is currently working at Sri Venkateswara College of Engineering, Sriperumbudur as Professor & Head in the Department of Computer Science & Engineering. Dr. Anitha received her B.E from Bharathidasan University and her M.E and Ph.D in the niche area Cloud Computing from Anna University, Chennai-25. She was a meritorious candidate during her entire course of studies. She was a Silver Medalists in her UG degree and Anna University Gold Medalists in her PG studies. During her Ph.D, she has received Senior Research Fellowship under meritorious scheme from UGC-New Delhi. Her primary research interests are in the field of Grid & Cloud Computing, Big Data Analytics and Artificial Intelligence & Deep Learning. Specifically, she is interested in Cloud Security & Data storage in large scale distributed databases and Data Analytics. As a recognition towards her research work Dr. Anitha has received Financial Grants of Rs. 1.5 lakhs from CSIR-New Delhi to present her research work in the University of Washington, Seattle, USA in the year 2013. She has also presented her research work in the prestigious research meet at Malaysia in the year 2013. She has published over 35 research papers in various refereed international journals and in the international conferences. Anitha's professional interests focus on guiding many fellows towards their Ph.D. At present she is guiding seven scholars under Anna University. As a principal investigator, she is currently involved in one funded project of worth Rs. 24 lakhs from DST-SERB, New Delhi Project titled "DigiCert: Data Security in Federated DigiCloud Environment using Homomorphic Technique". Recently Dr. Anitha has received a funded project from AICTE of worth Rs. 10 lakhs titled "Developing a Language Translation Engine for Book Conversion from Foreign to Native Language in the Field of Science & Technology based on Cloud Virtual Dictionary Using Deep Neural Network", She has also published one patent under IPR, India, Titled: Search and Place Filter (SPF) – A probabilistic Data Structure for Virtualization Environment. Two of her project proposals are under review at DRDO & Department of Science & Technology (DST). She is reviewer in many reputed journals.

Profile of Mrs. P.Vinothiyalskshmi

With an experience of 12 years in Teaching & Research, Mrs. P.Vinothiyalskshmi is currently working at Sri Venkateswara College of Engineering, Sriperumbudur as Assistant Professor in the Department of Computer Science & Engineering. Mrs. P.Vinothiyalskshmi received her B.E & M.E from Anna University and Ph.D. in the niche area Cloud Computing from Anna University, Chennai-25. She was a meritorious candidate during her entire course of studies. Her primary research interests are in the field of Grid & Cloud Computing, Big Data Analytics and Artificial Intelligence & Deep Learning. Specifically, she is interested in Cloud Security & Data storage in large scale distributed databases and Data Analytics. She has submitted over 4 research papers in various refereed international journals and in the international conferences. She has also published one patent under IPR, India, Titled: Search and Place Filter (SPF) – A probabilistic Data Structure for Virtualization Environment.



Sri Venkateswara College of Engineering (Autonomous)
Department of Computer Science and
Engineering

Workshop on Internet of Things (IoT) and Cloud Computing

7th and 8th, February 2019

Coordinators:

Dr. R. Anitha, HoD/CS
Ms.P. Vinothiyalakshmi, AP/CS
Mr. T.Rajasekaran, AP/CS
Ms. S. K. Umamaheswari, AP/CS

www.svce.ac.in

Day 1 Session:

- Introduction to Internet of Things
- Exploring the recent patents filed on IoT
- Exploring Arduino Uno for IoT Devices
- IoT Sensors
- Configuring, Developing, Testing, debugging using Arduino IDE.
- Hands-on Implementations :
 - Serial Interfacing with Arduino Uno
 - LED, Switch, Buzzer Interfacing
 - LCD Interfacing and Relay connection for 240V
 - Interfacing DHT Sensor
 - Interfacing Motion Sensor
 - Interfacing Ultrasonic Sensor

Day 2 Session:

- Exploring ESP8266 module
- Connecting Arduino with Wifi
- Storing sensor data to the Cloud (ThingSpeak)
- Viewing the sensor data in Cloud
- Controlling Arduino through Mobile App (Blynk)

Who can Attend ?

This workshop with Hands-on session is beneficial for Beginners, Bachelor Students, Master Students and Research Scholars. This workshop is especially for the benefits of the students who are doing project in the field of IoT.

How to Apply :

The registration fees for the workshop is Rs.500.

The course fee include Course Certificates, Course Kit which includes course material, Software tools, Arduino primary Kits, IoT basic sensors, and tea for refreshment. The total number of the participants is strictly restricted to 40

Registration will be confirmed only after paying the fees. Implementation and Hands-on session will have a maximum of 5 members in each batch.

Registration Form :



Scan the QR Code to download the registration form.

Payment of Registration Fee :

Mrs. P. Vinothiyalakshmi
Assistant Professor
Room No. 5111
Department of CSE,
Sri Venkateswara College of Engineering.

Schedule and Date :

Last date to register	: 31-01-2019
Last date to pay registration fees	: 31-01-2019
Confirmation date	: 01-02-2019
Workshop date	: 7th and 8th February 2019



SRI VENKATESWARA COLLEGE OF ENGINEERING
Pennalur, Sriperumbudur Taluk - 602117

Workshop on **“Internet of Things and Cloud Computing”**

Date : Feb 7th and 8th 2019
Time : 9.00AM to 3.15PM

DAY 1 AGENDA

- Prayer song
- Welcome Address
- **9A.M to 10.30 A.M**
 - Intro to IOT
 - Intro to Cloud
- **10.30 AM to 10.40AM – Refreshment**
- **10.40 AM to 12.00PM**
 - Patent on IOT
- **12.00 PM to 12.45PM- Lunch**
- **12.45 PM to 2.45 PM**
 - Hands-on session
- **2.45 PM to 3.00PM –Refreshment**
- **3.15PM-Windup**



SRI VENKATESWARA COLLEGE OF ENGINEERING
Pennalur, Sriperumbudur Taluk - 602117

DAY 2 AGENDA

➤ **8.30AM to 10.30 AM**

Intro to ESP8266 module

Thingspeak

➤ **10.30 AM to 10.40AM** – Refreshment

➤ **10.40AM to 12.00PM** – Hands on session on storing data in cloud

➤ **12.00 PM to 12.45 PM**- Lunch

➤ **12.45 PM to 2.30PM**

Hands on session of controlling Arduino using Mobile APP(Blyuk)

➤ **2.30 PM to 3.00PM** – Ceremeny

➤ **3.00PM to 3.15 PM** - Windup

Co-ordinators:

P.Vinothiyalakshmi
S.K.Umamaheswari
T.Rajasekar

Department of Computer Science and Engineering
Sri Venkateswara College of Engineering

Workshop on Internet of Things (IoT) and Cloud Computing
Date: 07-02-2019 & 08-02-2019

Attendee's Pre-Evaluation Form

s.no.	Questions	YES	NO
1.	Have you undergone any IoT theory Classes?		✓
1.	Have you ever done any projects on IOT?	✓	
2.	Have you ever attended any IoT workshops?	✓	
3.	Did you know the basics of electronics?	✓	
4.	Did you know how Bread Board works?	✓	
5.	Did you know the basics of resistors?	✓	
6.	Did you know the basics of Relay and 240V connections		✓
7.	Have you ever worked with basic IoT Sensors?		✓
8.	Have you ever worked with AWS cloud?		✓

Your expectations:

Name : DHANUSH B. DEV
Year : II - YEAR
Department : COMPUTER SCIENCE
College : SVCE


Signature

Workshop on Internet of Things (IoT) and Cloud Computing

Date: 07-02-2019 & 08-02-2019


Feed Back Form

S.no.	Questions	Yes	No
1.	Worth the Money (Rs. 500)	✓	
2.	Covered all the topic specified in the brochure?	✓	
3.	Well Organised?	✓	
4.	Does the presentation is audible?	✓	
5.	Does all your question is been answered?	✓	
6.	Does the workshop satisfied your expectation?	✓	
6	Will you start working on IoT?	✓	

S.no.	Questions	Marks out of 10
1.	Resource Person knowledge on IoT and Cloud	10
2.	Resource Person presentation style	10
3.	Your mark for Hands-on Session	10
4.	Your mark for accessibility of resource person	10
5.	Your mark for the overall workshop and training session	9

Any comments or suggestion to improve the workshop:

IoT needs internet connection but in all lab the connection was very slow. That was the only drawback. Thank you for the experience

 (TEAM 00)
Signature

Department of Computer Science and Engineering
Sri Venkateswara College of Engineering

Workshop on Internet of Things (IoT) and Cloud Computing
Date: 07-02-2019 & 08-02-2019

Attendee's Pre-Evaluation Form

s.no.	Questions	Yes	No
1.	Have you undergone any IoT theory Classes?	Yes	No
1.	Have you ever done any projects on IOT?		✓
2.	Have you ever attended any IoT workshops?		✓
3.	Did you know the basics of electronics?		✓
4.	Did you know how Bread Board works?		✓
5.	Did you know the basics of resistors?		✓
6.	Did you know the basics of Relay and 240V connections		✓
7.	Have you ever worked with basic IoT Sensors?		✓
8.	Have you ever worked with AWS cloud?		✓

Your expectations: *complete knowledge on IoT*

Name : *Jai. Karthik*
Year : *II*
Department : *CSE -A*
College : *SVCE*

[Signature]
Signature

Department of Computer Science and Engineering
Sri Venkateswara College of Engineering

Workshop on Internet of Things (IoT) and Cloud Computing

Date: 07-02-2019 & 08-02-2019

Feed Back Form

S.no.	Questions	Yes	No
1.	Worth the Money (Rs. 500)	✓	
2.	Covered all the topic specified in the brochure?	✓	
3.	Well Organised?	✓	
4.	Does the presentation is audible?	✓	
5.	Does all your question is been answered?	✓	
6.	Does the workshop satisfied your expectation?	✓	
6	Will you start working on IoT?	✓	

S.no.	Questions	Marks out of 10
1.	Resource Person knowledge on IoT and Cloud	10
2.	Resource Person presentation style	10
3.	Your mark for Hands-on Session	10
4.	Your mark for accessibility of resource person	10
5.	Your mark for the overall workshop and training session	10

Any comments or suggestion to improve the workshop:


Signature

SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur Taluk - 602117

Workshop on IOT and Cloud Computing(Feb 7 and 8,2019)

Sl.No	Name	07/01/2019 (FN)	07/01/2019(AN)	08/01/2019(FN)	08/01/2019(AN)
1.	S.P. PAVATHRA CS-B	<i>S.P. Pavathra</i>	<i>S.P. Pavathra</i>	<i>S.P. Pavathra</i>	<i>S.P. Pavathra</i>
2.	N. LAVANYA CS-B	<i>N. Lavanya</i>	<i>N. Lavanya</i>	<i>N. Lavanya</i>	<i>N. Lavanya</i>
3.	G. KANAKA CS-B	<i>G. Kanaka</i>	<i>G. Kanaka</i>	<i>G. Kanaka</i>	<i>G. Kanaka</i>
4.	S. REETHIKA CS-B	<i>S. Reethika</i>	<i>S. Reethika</i>	<i>S. Reethika</i>	<i>S. Reethika</i>
5.	RAMVA.K CS-B	<i>Ramva.K</i>	<i>Ramva.K</i>	<i>Ramva.K</i>	<i>Ramva.K</i>
6.	NAVEEN BALAJI.SCS-B	<i>S.N. Naveen Balaji</i>	<i>S.N. Naveen Balaji</i>	<i>S.N. Naveen Balaji</i>	<i>S.N. Naveen Balaji</i>
7.	SARAVANAN VR CS-C	<i>Saravanan VR</i>	<i>Saravanan VR</i>	<i>Saravanan VR</i>	<i>Saravanan VR</i>
8.	RDHITH PR CS-B	<i>Rdhith PR</i>	<i>Rdhith PR</i>	<i>Rdhith PR</i>	<i>Rdhith PR</i>
9.	RASSWANTH S CS-B	<i>Rasswanth S</i>	<i>Rasswanth S</i>	<i>Rasswanth S</i>	<i>Rasswanth S</i>
10.	SUPREETH M CS-C	<i>M. Supreeth</i>	<i>M. Supreeth</i>	<i>M. Supreeth</i>	<i>M. Supreeth</i>
11.	ADITHYA.S CS-A	<i>S. Aditya</i>	<i>S. Aditya</i>	<i>S. Aditya</i>	<i>S. Aditya</i>
12.	N. AMIRTHANAVARSHAN CS-A	<i>N. Amirthan</i>	<i>N. Amirthan</i>	<i>N. Amirthan</i>	<i>N. Amirthan</i>
13.	Deepak.S CS-A	<i>Deepak.S</i>	<i>Deepak.S</i>	<i>Deepak.S</i>	<i>Deepak.S</i>
14.	AKASH.V CS-A	<i>Akash.V</i>	<i>Akash.V</i>	<i>Akash.V</i>	<i>Akash.V</i>
15.	JAYESH.S CS-A	<i>Jayesh.S</i>	<i>Jayesh.S</i>	<i>Jayesh.S</i>	<i>Jayesh.S</i>
16.	ANANDATIRTHA.J.S CS-A	<i>Anandathirtha J.S</i>	<i>Anandathirtha J.S</i>	<i>Anandathirtha J.S</i>	<i>Anandathirtha J.S</i>
17.	JAI. KALLACH CS-A	<i>Jai. Kallach</i>	<i>Jai. Kallach</i>	<i>Jai. Kallach</i>	<i>Jai. Kallach</i>
18.	J. Yashwanth (CS-E)	<i>J. Yashwanth</i>	<i>J. Yashwanth</i>	<i>J. Yashwanth</i>	<i>J. Yashwanth</i>
19.	RISHI.K (CS-B)	<i>K. Rishi</i>	<i>K. Rishi</i>	<i>K. Rishi</i>	<i>K. Rishi</i>
20.	M. PRANAV (CS-B)	<i>M. Pranav</i>	<i>M. Pranav</i>	<i>M. Pranav</i>	<i>M. Pranav</i>
21.	S. Riyaz Khan (CS-B)	<i>S. Riyaz Khan</i>	<i>S. Riyaz Khan</i>	<i>S. Riyaz Khan</i>	<i>S. Riyaz Khan</i>
22.	Ramnarayanan.S (CS-B)	<i>Ramnarayanan</i>	<i>Ramnarayanan</i>	<i>Ramnarayanan</i>	<i>Ramnarayanan</i>
23.	Eswaran B.V.(CS-A)	<i>Eswaran B.V.</i>	<i>Eswaran B.V.</i>	<i>Eswaran B.V.</i>	<i>Eswaran B.V.</i>
24.	Gladwin Roger.T.(CS-A)	<i>Gladwin Roger.T.</i>	<i>Gladwin Roger.T.</i>	<i>Gladwin Roger.T.</i>	<i>Gladwin Roger.T.</i>
25.	Jayesh M.S.(CS-A)	<i>M.S. Jayesh</i>	<i>M.S. Jayesh</i>	<i>M.S. Jayesh</i>	<i>M.S. Jayesh</i>
26.	Dyimeshwaran T.S.(CS-A)	<i>Dyimeshwaran T.S.</i>	<i>Dyimeshwaran T.S.</i>	<i>Dyimeshwaran T.S.</i>	<i>Dyimeshwaran T.S.</i>
27.	Dhanush.B.Dev(CS-A)	<i>Dhanush.B.Dev</i>	<i>Dhanush.B.Dev</i>	<i>Dhanush.B.Dev</i>	<i>Dhanush.B.Dev</i>
28.	RADHA.V	<i>Radha.V</i>	<i>Radha.V</i>	<i>Radha.V</i>	<i>Radha.V</i>
29.	S.V.Muthunagai AP/CS	<i>S.V. Muthunagai</i>	<i>S.V. Muthunagai</i>	<i>S.V. Muthunagai</i>	<i>S.V. Muthunagai</i>

SRI VENKATESWARA COLLEGE OF ENGINEERING
 Pennalur, Sriperumbudur Taluk – 602117
Workshop on IOT and Cloud Computing(Feb 7 and 8,2019)

Sl.No	Name	07/01/2019 (FN)	07/01/2019(AN)	08/01/2019(FN)	08/01/2019(AN)
30	Bhanathak (CS-A)	Bhanathak	Bhanathak	Bhanathak	Bhanathak
31	V.Harith (CS-A)	V.Harith	V.Harith	V.Harith	V.Harith
32	K.Bhuvaneshwari (CS-A)	K.Bhuvaneshwari	K.Bhuvaneshwari	K.Bhuvaneshwari	K.Bhuvaneshwari
33	S.Monisha (CS-A)	S.Monisha	S.Monisha	S.Monisha	S.Monisha
34	R.Disha Preetha (CS-A)	R.Disha Preetha	R.Disha	R.Disha	R.Disha
35	T.Pallavi (CS-C)	T.Pallavi	T.Pallavi	T.Pallavi	T.Pallavi
36	J.Suriya Kumari (CS-C)	J.Suriya Kumari	J.Suriya Kumari	J.Suriya Kumari	J.Suriya Kumari
37	Vishali.P (CS-C)	Vishali.P	Vishali.P	Vishali.P	Vishali.P
38	Saahari Kumar (CS-B)	Saahari Kumar	Saahari Kumar	Saahari Kumar	Saahari Kumar
39	Chitra.N (CS-A)	Chitra.N	Chitra.N	Chitra.N	Chitra.N
40	Harsh.S.Shah (CS-A)	Harsh.S.Shah	Harsh.S.Shah	Harsh.S.Shah	Harsh.S.Shah
41	Barath Aakaash L.A.(CS-A)	Barath Aakaash L.A.	Barath Aakaash L.A.	Barath Aakaash L.A.	Barath Aakaash L.A.
42	Atinmaja.R (CSE-A)	Atinmaja.R	Atinmaja.R	Atinmaja.R	Atinmaja.R
43	R.Kabilash	R.Kabilash	R.Kabilash	R.Kabilash	R.Kabilash
44	R.Adithya	R.Adithya	R.Adithya	R.Adithya	R.Adithya
45	E.Rajalakshmi (A/C)	E.Rajalakshmi	E.Rajalakshmi	E.Rajalakshmi	E.Rajalakshmi
46	S.MAHEET KAUR BAMBRAH	S.MAHEET KAUR BAMBRAH			
47	BRIGHTEN RANA	BRIGHTEN RANA			
48	M.AZAMEL	M.AZAMEL			
49	P.JAYASHRI	P.JAYASHRI			
50	S.Monisha	S.Monisha	S.Monisha	S.Monisha	S.Monisha
51	K.Bhuvaneshwari	K.Bhuvaneshwari	K.Bhuvaneshwari	K.Bhuvaneshwari	K.Bhuvaneshwari
52	Paal	Paal			
46	Sreesha Kumar M	Sreesha Kumar M	Sreesha Kumar M	Sreesha Kumar M	Sreesha Kumar M

Certificate verification

Sl.No	Name	mail id Signature	#year Section
1.	S. PAVITHRA	spavithrasou@gmail.com	II YR 'B'
2.	G. KANAKA	Kanakago2@gmail.com	II YR 'B'
3.	N. LAVANYA	lavanya2000n@gmail.com	II YR 'B'
4.	K. RAHMAYA	rahmayasumathi31@gmail.com	II YR 'B'
5.	SAAHARI KUMAR	Saaharikumar1999@gmail.com	II YR 'B'
6.	SUPREETH M	suja_suj@rediffmail.com	II YR 'B'
7.	Yashwin - J	yashwinj07hi@gmail.com	II YR 'C'
8.	Sauvaman . V. P.	sauvamanraj256@gmail.com	II YR 'C'
9.	Raswanth S	rasna500 rasna5202@gmail.com	II YR 'C'
10.	NAVEEN BALAJI S	naveenbalaji737@gmail.com	II YR 'C'
11.	ROHITH PR	rohitthnavu0000it@gmail.com	II YR 'B'
12.	Anandathitha J.S.	anandathitha602@gmail.com	(II YR - A)
13.	Jayesh S.	jayeshkavivell30@gmail.com	(II YR - A)
14.	deepak S.	sudeepakmpt@gmail.com	(II YR - A)
15.	Akash V	akashvelu4686@gmail.com	(II YR - A)
16.	Jai Kailash	aprasrajai.kailash@gmail.com	(II YR - A)
17.	N. Amithnavaayhan	mailme.amruthn@gmail.com	(II YR - A)
18.	M. PRANAV	mpranav1211@gmail.com	(II YR - B)
19.	RISHI K	crore9999@gmail.com	(II YR - B)
20.	RIYAZ KHAN S	riyanawakhan2000@gmail.com	(II YR - B)
21.	Ramnarayanan S.	ramnarayanan.sankar@gmail.com	(II YR - B)
22.	ESWARAN B.V.	starrenkat2070@gmail.com	(II YR - A)
23.	DHANUSH B. DEY	dhanushbdey@gmail.com	(II YR - A)
24.	DYANESWARAN T.N	dyaneswaran123@gmail.com	(II Ind YR - A)
25.	M.S. JAYESH	meda.jayesh29@gmail.com	(II Ind - A)
26.	GLADWIN ROJER. I.S.	gladwinrojer619@gmail.com	(II Ind - A)
27.	ADITHYA S	adisairam007@gmail.com	II YR CS - A
28.	R-KADHESH	kadhesh0799@gmail.com	II YR CS - A
29.	ATHM MOJA R	athmoja1506@gmail.com	II YR CS - A
30.	HERAEN S. SHAH	heraenshak@gmail.com	II YR CS - A
31.	R. Adithya	adithya.lavanga@gmail.com	II YR CS - A
32.	Barath Aakaash L.A.	barathaakaash@gmail.com	II YR CS - A

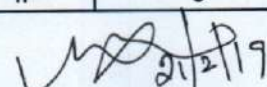
**SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

TWO DAYS WORKSHOP ON "IoT AND CLOUD COMPUTING"

OD LIST

HELD ON: 07-02-2019 AND 08-02-2019

S.NO	REG.NO	NAME	YEAR	SECTION
1	170501003	ADITHYA R	II	A
2	170501004	ADITHYA S	II	A
3	170501008	AKASH V	II	A
4	170501009	AMIRTHAVARSHAN N	II	A
5	170501011	ANANDATIRTHA J S	II	A
6	170501014	ATHMAJA R	II	A
7	170501016	BARATH AAKAASH L A	II	A
8	170501018	BHARATH K	II	A
9	170501019	BHUVANESWARI K	II	A
10	170501022	CHITRA N	II	A
11	170501024	DEEPAK S	II	A
12	170501025	DHANUSH B DEV	II	A
13	170501028	DISHA PREETHA K	II	A
14	170501029	DYANESWARAN T N	II	A
15	170501030	ESWARAN B V	II	A
16	170501032	GLADWIN ROJER I S	II	A
17	170501039	HARISH V	II	A
18	170501043	HERAEN S SHAH	II	A
19	170501052	JAYESH M S	II	A
20	170501053	JAYESH S	II	A
21	170501055	KABILESH R	II	A
22	170501056	KAILASH JAI	II	A
23	170501304	MONISHA S	II	A
24	170501058	KANAKA G	II	B
25	170501062	LAVANYA N	II	B
26	170501076	NAVEEN BALAJI S	II	B
27	170501089	PRANAV M	II	B
28	170501099	RAMNARAYANAN S	II	B
29	170501100	RAMYA K	II	B
30	170501101	RASSWANTH S	II	B
31	170501102	REETHIKA S	II	B
32	170501103	RISHI K	II	B
33	170501104	RIYAZKHAN S	II	B
34	170501105	ROHITH P R	II	B
35	170501106	SAAHARI KUMAR	II	B
36	170501305	PAVITHRA S	II	B
37	170501114	SARAVANAN V R	II	C
38	170501142	SUPREETH M	II	C
39	170501143	SURIYA KUMARI J	II	C
40	170501150	TURLAPATI SAIRATNA PALLAVI	II	C
41	170501160	VISHALI P	II	C
42	170501164	YASHWIN J	II	C


20/2/19
HoD/CS



SRI VENKATESWARA COLLEGE OF ENGINEERING

PENNALUR, SRIPERUMBUDUR

[AUTONOMOUS - AFFILIATED TO ANNA UNIVERSITY, CHENNAI]

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



ISO 9001:2015
Certified by IRQS



MGMT. SYS.
RvA C. 071

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. / Mr. / Ms. _____ of
_____ has participated in the Two
days Hands-on Workshop on " Internet of Things & Cloud Computing " held on
7th & 8th February 2019, organized by the Department of Computer Science
and Engineering.

Dr. R. ANITHA.
PROFESSOR & HOD-CS

Dr. S. GANESH VAIDYANATHAN
PRINCIPAL

**Workshop on
Internet of Things(IoT) & Cloud Computing**

07/02/2019 & 08/02/2019

Expenditure Statement

SI No	Purpose	Amount(Rs)
01	Speaker Remuneration	5000
02	Canteen (Tea & Lunch)	2570
03	Refreshment	1000
04	Arduino Kits (Boards & Sensors) with Transport charges	12,385
05	Certificate Printing	570
	Total	21,525

P. Vinodh
CO-ordinator

(P-VINODH YALAKSHMI, AP/CSE)

Dr. R. Anitha
13/2/19
HOD/CSE

(DR. R. ANITHA)

**Sri Venkateswara College of Engineering
Department of Computer Science and Engineering
Pennalur, Sriperumbudur.**

08/02/2019

Receipt

I received an amount of rupees five thousand (Rs. 5000) towards remuneration for delivering lectures in the workshop on "Internet of Things (IoT) and Cloud computing" for the department of Computer Science and Engineering at Sri Venkateswara College of engineering held on 7/2/2019 and 8/2/19.

C. Muralidharan

Mr. C. Muralidharan,
Research Scholar,
DST Cloud Research Lab,
Department of CSE,
SVCE.

[Signature]
13/2/19
HOD/CS



ஸ்ரீ வேங்கடேசுவரன் திருணை
ஸ்ரீ ராகவேந்திரா
ஜயங்கார் பேக்கரி

வெ.234, காந்திரோடு-5, சுவால்பேட்டை, அரக்கோணம்-1
செல் : 82709 58387

Date 05/2/19



Sri Venkateswara College of Engineering

Pennalur, Sriperumpudur - 602 105.

CANTEEN RECEIPT

No. 4828

Date 18/2/2019

Dept.

CS

on 8.2.19 to 7/2/19

Particulars	Quantity	Rate		Amount	
		Rs.	P	Rs.	P
Tea	180	10	00	1800	00
Coffee					
Breakfast					
Meals	14	55	00	770	00
Curd Rice					
Snacks					
Puff					
Soft Drinks					
Water Bottle					
Biscuits					
RS 2570/-					
TOTAL					2570 00

For Sri Venkateswara College of Engineering

For. S. N. M. Principal

MERCY ELECTRONICS

Mercy Electronics
 No.60/31, Rajaji Road,
 West Tambaram,
 Chennai -600045
 PH.NO. 42149241

GST No. 33AGJPK0012D1Z9
 State Name : Tamil Nadu, Code : 33

Tax Invoice

Bill No. : Tam-108096/18-19
 Date : 23-1-2019
 Time User : 18:38 hrs
 User : bill

Sl	Description	HSN/SAC	Qty	Rate	Amount
1	P.Kit Wifi Module ESP 8266 01	8541	1	237.29	237.29
				CGST @ 9%	21.36
				SGST @ 9%	21.36
				Rounded Off	(-)0.01
Total					Rs. 280.00

CGST @9%	On	237.29	21.36
SGST @9%	On	237.29	21.36
Total			42.72

Gift Voucher : 280.00
 Cr/Dr Card : 280.00
Total Paid : 280.00



GOODS ONCE SOLD CANNOT BE TAKEN BACK, NO CASH REFUND, NO EXCHANGE. IF DAMAGE ON WARRANTY OR GUARANTEE GOODS WILL NOT BE EXCHANGED. "SUBJECT TO CHENNAI JURISDICTION ONLY" WARRANTY MUST BE CLAIMED FROM MANUFACTURER ONLY"

Handwritten notes in blue ink:
 and personal / family responsibilities
 in the determine of managing work obligations
 and family
 The push a
 Work -
 Work -
 often depends on the content of the conversation
 and speaks view point

TAMPARAM QUALITY XEROX
 NO.35, RAJAJI ROAD, TAMPARAM CH-45
 PH:22264038/9940039252
 M/S.....
 THANK YOU VISIT AGAIN
 CASH/Exch. No. :
 NO.004214 0 FUMP 01 07-01-2019

DESCRIPTION	QTY	RATE	AMOUNT
AA PRD CLR P	57.000	10.00	570.00
SUB_TOT	ITM= 1	0=57.000	570.00
CASH			570.00
THANK YOU VISIT AGAIN			

C 6 07:01:10 H/C NO. 0

GOODS ONCE SOLD CANNOT BE TAKEN BACK, NO CASH REFUND, NO EXCHANGE, IF DAMAGE ON WARRANTY OR GUARANTEE GOODS WILL NOT BE EXCHANGED. SUBJECT TO CHENNAI JURISDICTION ONLY. WARRANTY MUST BE CLAIMED FROM MANUFACTURER ONLY.

NO CASH REFUND
NO EXCHANGE
NO RETURNS

CGST @ 9%	21.36	On	237.29	21.36
SGST @ 9%	21.36	On	237.29	21.36
Total	42.72			
Gift Voucher	280.00			
Crdr Card	280.00			
Total Paid	280.00			



CGST @ 9%	21.36			
SGST @ 9%	21.36			
Rounded Off	(-0.01)			
Total	Rs. 280.00			

SI	Description	HSN/SAC	Qty	Rate	Amount
1	P Kit Wifi Module ESP 8266	8541	1	237.29	237.29

Bill No. : Tam-108096/18-19
 Date : 23-1-2019
 Time : 18:38 hrs
 User :
 Tax Invoice
 State Name : Tamil Nadu, Code : 33
 GST No. 33AGJPK0012D129
 PH.NO. 42149241
 Chennai -600045
 West Tambaram,
 No.60/31, Rajaji Road,
MERCY ELECTRONICS

TAMBARAM QUALITY XTROX
 NO.35, RAJAJI ROAD, TAMBARAM CH-45
 PH:22768038/6940035252
 H/S.....
 THANK YOU VISIT AGAIN
 CASH/BANK D.D.
 NO. 004214 0 1111 0 07-04-2019
 DESCRIPTION QTY RATE AMOUNT
 04 BRD CLR P 57.000 10.00 570.00
 SUB_TOT JTH= 0=57.000 570.00
 CASH 570.00
 THANK YOU VISIT AGAIN
 0 6 07:01:10 H/C NO. 0

ORDER / ESTIMATE Cell : 8015209505
 : 2859 3442
 42131525

MAJESTIC COMPUTRONIX

No. 27, Meeran Sahib Street, Mount Road, Anna Salai,
 Chennai - 600 002. (Behind Casino Theatre /
 Opp. to Malika Residency Business Class Hotel)

No. 191 Date: 11/12/20
 M/S: MOHAMMED S. RAJAKANNAN

S.No.	ITEM DESCRIPTION	Qty.	Rate	Rs.	Amount	P.
1	A to B cable	50		200		
2	Bbband	50		245		
3	exp up	120		240		
4	Hebrog	50		550		
5	gv cell	50		60		
6	gv ap	50		50		
7	DAT 11	50		1000		
8	Buzzer	50		75		
9	Note new	50		1500		
10	P.L.B	50		1600		
11	VNO	50		2000		
12	S266	10		200		
13	Warranty	100		20		
	LED	50		30		
	TOTAL					

For MAJESTIC-COMPUTRONIX
 6230



Mercy Electronics
 No.60/31, Rajaji Road,
 West Tambaram,
 Chennai -600045
 PH.NO. 42149241
 GST No. 33AGJPK0012D1Z9
 State Name : Tamil Nadu, Code : 33

Tax Invoice

Bill No. : Tam-109840/18-19
 Date : 28-1-2019

SI	Description	HSN/SAC	Qty	Rate	Amount
1	P.Kit Converter PL 2303 to	91318000	1	144.07	144.07

CGST @ 9% 12.97
 SGST @ 9% 12.97
 Rounded Off (-)0.01
 Total Rs. 170.00



NO WARRANTY
 NO GUARANTEE
 NO RETURN

CGST @ 9%	SGST @ 9%	Total	Gift Voucher	Cr/Dr Card	Total Paid
12.97	12.97	144.07	170.00	170.00	170.00
12.97	12.97	25.94			

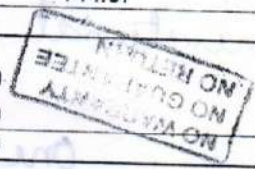
GOODS ONCE SOLD CANNOT BE TAKEN BACK, NO CASH REFUND, NO EXCHANGE, IF DAMAGE ON WARRANTY OR GUARANTEE GOODS WILL NOT BE EXCHANGED. "SUBJECT TO CHENNAI JURISDICTION ONLY" WARRANTY MUST BE CLAIMED FROM MANUFACTURER ONLY"

No.60/31, Rajaji Road,
 West Tambaram,
 Chennai -600045
 PH.NO. 42149241
 GST No. 33AGJPK0012D1Z9
 State Name : Tamil Nadu, Code : 33

Tax Invoice

Bill No. : Tam-109840/18-19
 Date : 28-1-2019
 Time User : 17:38 hrs
 bill

SI	Description	HSN/SAC	Qty	Rate	Amount
1	P.Kit Converter PL 2303 to TTL	91318000	1	144.07	144.07
				CGST @ 9%	12.97
				SGST @ 9%	12.97
				Rounded Off	(-)0.01
	Total		1		Rs. 170.00
	CGST @9%			144.07	12.97
	SGST @9%			144.07	12.97
	Total				25.94
	Gift Voucher			170.00	
	Cr/Dr Card			170.00	
	Total Paid			170.00	



GOODS ONCE SOLD CANNOT BE TAKEN BACK, NO CASH REFUND, NO EXCHANGE. IF DAMAGE ON WARRANTY OR GUARANTEE GOODS WILL NOT BE EXCHANGED. "SUBJECT TO CHENNAI JURISDICTION ONLY" WARRANTY MUST BE CLAIMED FROM MANUFACTURER ONLY"

Thank You.

ORDER / ESTIMATE

Cell : 8015209505
 : 2859 3442
 42131525

MAJESTIC COMPUTRONIX

No. 27, Meeran Sahib Street, Mount Road, Anna Salai,
 Chennai - 600 002. (Behind Casino Theatre /
 Opp. to Malika Residency Business Class Hotel)

No. 191

Date :

11/1/20

M/S

MAJESTIC COMPUTRONIX

S.No.	ITEM DESCRIPTION	Qty.	Rate	Rs.	Amount P.
1	A 0 B case	SP		200	
2	B/B case	SP		295	
3	SP case	SP		290	
4	Hebeo	SP		550	
5	gr cell	SP		60	
6	gr cell	SP		90	
7	SP 111	SP		1000	
8	Booster	SP		SP	
9	Node new	SP		1500	
10	P.L.R	SP		160	
11	V.V.O	SP		2000	
12	SP 66	SP		200	
13	SP case	SP		20	
	TOTAL			30	

For MAJESTIC COMPUTRONIX

6230

GSTIN : 33AACPL6821G1Z0 **MEMO** ☎ : 044-27162041


SURYA ELECTRONICS & AUTOMOBILES

Dealers In : Colour / BW TV, VCR, VCP Tape Recodar, Radio, Phone, Amplifier, Spare Parts & Electrical Winding Materials. All Two and Three Wheelers Spare Parts, Tractor Parts & Electrical Accessories

No.76, 77, J.J. Complex, Bangalore High Road, Sriperumbudur-602 105.

No. _____ Date : 05/02/19

Sri _____

Qty.	Particulars	Amount	
		Rs.	Ps.
500)	Printa cables	100	
200)	wires	20	
100)	Holdery	20	
100)	2 Pintaw	10	
100)	bow use 100	15	
			

Goods once sold cannot be taken back or Exchange

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4) sou
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to Another.
equing then
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URYA ELECTRONICS & AUTOMOBILES

In : Colour / BW TV, VCR, VCP Tape Recorder, Radio, Phone
 fier, Spare Parts & Electrical Winding Materials, All Two and
 Wheelers Spare Parts, Tractor Parts & Electrical Accessories

J.J. Complex, Bangalore High Road, Siperumbudr-602 105.

Date : 05/02/11

Particulars	Amount	
	Rs.	Ps.
Perfor cables	400	
wires	20	
Holdering	20	
2 Pin faw	10	
bow file 100	15	
		4.68

noce sold cannot be taken back or Exchange

STANLEY SUPERMARKETS

Bill No. _____

MRP Rate _____ Amt _____

Total 150.00

Cash 150.00

Yr. Total 100

Visit Agent

the team leaves a identify and also with the
 the leadership before the power transition and
 defined and the core of the growth of the organization
 kind, also a family. The power center of
 organization and corporation is also one of the
 can influence organization of power in any

MAJESTIC COMPUTRONIX

No. 27, Meeran Sahib Street, Mount Road, Anna Salai,
Chennai - 600 002. (Behind Casino Theatre /
Opp. to Mallika Residency Business Class Hotel)

No. 078

Date: 12/21/20

M/s

Johammed SIRAJUDDIN

S.No.	ITEM DESCRIPTION	Qty.	Rate	Amount Rs. P.
1	Uno	3p		1200
2	NOOR MCCA	1p		1200
3	PLB	3p		600
4	U/S	3p		330
5	DHT 11	3p		600
6	Buzz	3p		600
7	8/B	3p		1650
8	9v all	3p		600
9	3p all	3p		1500
10	2p	180		360
11	1k	12p		600
12	200p	12m		600
13	LED	12p		1200
		TOTAL		6600

RS AHAN

For MAJESTIC COMPUTRONIX

CASH MEMO

Brought of

நியு கஸ்தூரி

ஸ்ரீலீட்சுமி & பேக்கரி 7/2/19

M/s.

K. S. B. 2, வரதராஜபுரம்,
ஜல்லடையன்பேட்டை, மெயின் ரோடு

மீள்கிரகண, சென்னை-600 100.

செல்: 944428389

No.

Date: 28389

QTY	PARTICULARS	RATE	AMOUNT Rs. P.
4p	Clips (MOONG DAL)		40
500g	mishtine		120
500g	milk sweets		180
	Chocolate		100
250g	plum cake		60
		TOTAL	500

Thank You!

TOTAL 500

A-1 Goods once sold cannot be taken back.

Signature

S. Subash

CASH MEMO

Brought of

சீயு கஸ்தூரி

ஸீவீட்ஸ் & பேக்கரி 7/2/19

M/s.

1k. S. B. 2, வரதராஜபுரம்,
ஜல்லையன் பேட்டை, மெயின் ரோடு
மீனாட்சி காமன், சென்னை-600 100.

No.

செல்: 944428389
Date: 7/2/19

QTY	PARTICULARS	RATE	AMOUNT	
			Rs.	P.
4pk	Chips (MOONG DAL)		40	
500gs	miscure		120	
500gs	milk sweets		180	
	Chocolate		100	
250gs	plum cake		60	
Thank You!		TOTAL	500	

A-1 Goods once sold cannot be taken back.

Signature
S. Subbaraj

ORDER / ESTIMATE

Cell : 8015209505

☎ : 2859 3442

42131525

MAJESTIC COMPUTRONIX

No. 27, Meeran Sahib Street, Mount Road, Anna Salai,
Chennai - 600 002. (Behind Casino Theatre /
Opp. to Mallika Residency Business Class Hotel)

No. 078

Date: 7/2/19

M/s

JOHANNED SIRAJUDIN

S.No.	ITEM DESCRIPTION	Qty.	Rate	Amount	
				Rs.	P.
1	Una	3p		1200	
2	NOOR MCO	1p		1200	
3	PLB	3p		1200	
4	U/S	3p		330	
5	DHT U	3p		600	
6	Buzz	3p		45	
7	B/B	3p		180	
8	TV Ull	3p		45	
9	SP Ull	3p		15	
10	Am	180		360	
11	1k	10p		6	
12	200g	10m		6	
13	LED	12p		12	
TOTAL					

Signature
RS

For MAJESTIC COMPUTRONIX

6624



Cash Bill SENTHIL SERVICE STATION

No. 9, G.S.T Road, Pallavaram, Chennai - 600043.
Ph : No. 22644499, Mob : 9092897777



HINDUSTAN PETROLEUM CORPORATION LIMITED

TIN No. : 33950944737
IAC :

செந்தில் சர்வீஸ் ஸ்டேசன்

PH : GST:33AAC133000120 எண் 9, G.S.T. ரோடு, பல்லாவரம், சென்னை - 600043.

Vehicle No. :
Customer :
Bill No. : CA10011

Date : 06/02/19
Time : 09:43 PM
K.M. : 0

Product	Qty.	Rate	Amount (Rs.)
Petrol	2.73	73.18	200.00
			200.00

CUSTOMER

THANK YOU, VISIT AGAIN

For SSS TOTAL



Cash Bill SENTHIL SERVICE STATION

No. 9, G.S.T Road, Pallavaram, Chennai - 600043.
Ph : No. 22644499, Mob : 9092897777



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PH : GST:33AAC133000120 எண் 9, G.S.T. ரோடு, பல்லாவரம், சென்னை - 600043.

Vehicle No. :
Customer :
Bill No. : CA10012

Date : 06/02/19
Time : 09:43 PM
K.M. : 0

Product	Qty.	Rate	Amount (Rs.)
Petrol	2.73	73.18	200.00
			200.00

CUSTOMER

THANK YOU, VISIT AGAIN

For SSS TOTAL

the way of groups and individuals act and react to changes of circumstances, he named those process as group dynamics.

⇒ One particular view interprets group dynamics as an attempt to describe the how a group



Cash Bill
SENTHIL SERVICE STATION

No. 9, G.S.T Road, Pallavaram, Chennai - 600043.
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PH : GST : 33AAC... எண். 9, G.S.T. ரோடு, பல்லாவரம், சென்னை - 600043.

Vehicle No. :
Customer :
Bill No. :

Date :
Time : 06/02/19
K.M. : 09:43 PM

Product	Qty.	Rate	Amount (Rs.)
Petrol	2.73	73.18	200.00

E & OE

CUSTOMER

THANK YOU, VISIT AGAIN

For SSS TOTAL



Cash Bill
SENTHIL SERVICE STATION

No. 9, G.S.T Road, Pallavaram, Chennai - 600043.
Ph : No. 22644499, Mob : 9092897777



HINDUSTAN PETROLEUM CORPORATION LIMITED

TIN No. : 33950944737
IAC :

செந்தில் சர்வீஸ் ஸ்டேசன்

PH : GST : 33AAC... எண். 9, G.S.T. ரோடு, பல்லாவரம், சென்னை - 600043.

Vehicle No. :
Customer :
Bill No. : CA10A12

Date :
Time : 06/02/19
K.M. : 09:43 PM

Product	Qty.	Rate	Amount (Rs.)
Petrol	2.73	73.18	200.00

E & OE

CUSTOMER

THANK YOU, VISIT AGAIN

For SSS TOTAL