50

Date: 23-03-2018

Place: Shivamogga

To,

The Principal,

JNNCE, Shimoga

Sub: Requisition to conduct 2 day workshop on "IoT- A hands on approach" to PG students

Dear Sir,

The IEEE Student Chapter of JNNCE is activated in Feb 2018. In this regard, Dept. of CSE is conducting a two day workshop on "IoT- A hands on approach" for PG students (Both II Sem and IV Sem) of CSE and ECE departments on April 6th and 7th , 2018. The schedule and budget of workshop is enclosed with this letter. We request you kindly to permit us to conduct the workshop and grant the amount to conduct the workshop.

Thanking you,

forwarded for the needful

23/3/18

Yours faithfully

Co-ordinators

Dr. Jalesh Kumar

Mr. Chetan K R

Schedule for Two Days Workshop on "IoT, a Hands-on approach"

Date	9.00 AM to 10.00 AM	10.00AM-11.00 AM		11.15AM-1.30 PM		2.30 AM -3.45 AM		4.00 PM to 5.30 PM	
06-04-2018	Inauguration	Introduction to Node MCU and simple LED programs. Hands-on: Interfacing Sensors with Node MCU.	T E A B R E A K	Scanning of available Wi-Fi, its strength, Connecting Node MCU to Wi-Fi.	L U N C H	Getting the real-time data through cloud computing (using Blynk and Adafruit IO).	T E A B R E A K	Introduction to MIT App Inventor and Firebase. Introduction to Raspberry pi & IoT Configuring the OS for Raspberry pi.	
07-04-2018	Getting started with basic scratch programming. Basic LED program using scratch.	Basics of python programming, basic led programs.		Hands on: Interfacing of different sensors with raspberry pi		Interfacing LCD, different sensors and servo motor continued		Using MQTT Protocol and Thingspeak cloud API Mobile IoT using Blynk Application.	validectory

Venue:
M.tech. Lab, Dept. of ECE

Expected outcomes of the workshops included: by the end of the workshop the students will be able to,
- List out details regarding different controllers/Development Boards used for IoT.
- Interface different sensors to controllers and capture real time continuous data and process data
- Interpret meaningful insights from the data collected.
- Use various cloud services.
- Basics of python programming.
- How to connect the things using internet and managing/controlling various appliances.
- Control various home/Industrial appliances by developing their own Android applications.
- Creates new platform opportunities for the innovative students ready to build them.

Budget for Two Days Workshop on "IoT, a Hands-on approach"

Food and Tea for 50 students for 2 days:10000

Components:
IoT workshop kit contains following components

Sl. No.	Components	Price
		2,500
1.	Raspberry Pi 3 B	500
2.	SD card + USB cable	360
3.	Node MCU	400
4.	Arduino Uno + serial cable	90
5.	Ultra Sonic distance sensor	30
6.	IR Sensor	100
7.	PIR sensor	90
8.	LDR	120
9.	DHT11	130
10.	Servo	300
11.	Bluetooth	180
12.	Gas sensor	50
13.	Jumpers	240
14.	2*16 LCD+ Base board	80
15.	Bread board	15
16.	LED + Resistors + Push button	
	Total	**5,185**

Kits required =5
Total cost = 5 * 5,185 =25,925

Additional components required

Sl.No.	Components	Quantity	Price
1.	Relay	15	1200
2.	Bulb socket with Wire	20	1000
3.	Bulbs	5	650
	Total		**2,850**

IEEE Student Chapter Banner: 400/-

Certificates, Writing pad and Pen : Approx. 1000/-

Honorarium for 2 Resource Persons : 10000/-

Total Budget of the workshop = 10000+ 25925+2850 + 400 + 1000 + 10000=**Rs. 49,175/-**
Total amount in words forty nine thousand one hundred and seventy-five only.

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Date: 24-03-2018

Place: Shivamogga

To,

The Principal,

JNNCE, Shimoga

Sub: Requisition to conduct 2 day workshop on "IoT- A hands on approach" to PG students

Dear Sir,

The IEEE Student Chapter of JNNCE is activated in Feb 2018. In this regard, Dept. of CSE is conducting a two day workshop on "IoT- A hands on approach" for PG students (Both II Sem and IV Sem) of CSE and ECE departments on April 6th and 7th , 2018. The schedule and budget of workshop is enclosed with this letter. We request you kindly to permit us to conduct the workshop and grant the amount to conduct the workshop.

Thanking you,

forwarded for the needful

N2

24/3/18

Yours faithfully

Co-ordinators

Dr. Jalesh Kumar

Mr. Chetan K R

NES\NSHS\17-18   D: 26/03/18

No: NES/JNNCE/452/2017-18   D/24/03/18

forwarded to Secretary, NES

for kind approval. This budget is

under IEEE fee collected for students.

4/3/2018 Submitted for Approval

Principal
Jawaharlal Nehru
National College of Engineering
SHIMOGA.

May be approved

Appd

Secretary
National Education Society
SHIMOGA.

EST d copy
HOD CSE
to procced
to CS purpose

Date: 24-03-2018

Place: Shivamogga

To,

The Principal,

JNNCE, Shimoga

Sub: Requisition to conduct 2 day workshop on "IoT- A hands on approach" to PG students

Dear Sir,

The IEEE Student Chapter of JNNCE is activated in Feb 2018. In this regard, Dept. of CSE is conducting a two day workshop on "IoT- A hands on approach" for PG students (Both II Sem and IV Sem) of CSE and ECE departments on April 6th and 7th , 2018. The schedule and budget of workshop is enclosed with this letter. We request you kindly to permit us to conduct the workshop and grant the amount to conduct the workshop.

Thanking you,

Forwarded for the needful

NE

-24/3/18

Yours faithfully

Co-ordinators

Dr. Jalesh Kumar

Mr. Chetan K R

NES\NEHS\17-18   D: 26/03/18

No: NES/JNNCE/452/2017-18   D/24/03/18

Forwarded to Secretary, NES

for kind approved. This budget is

under IEEE fee collected for Students.

Submitted for Approval

Principal
Jawaharlal Nehru
National College of Engineering
SHIMOGA.

May be approved

Appd

Secretary
National Education Society
SHIMOGA.

Schedule for Two Days Workshop on "IoT, a Hands-on approach"

Date	9.00 AM to 10.00AM	10.00AM-11.00 AM	11.15AM-1.30 PM	2.30 AM -3.45 AM		4.00 PM to 5.30 PM	
06-04-2018	Inauguration	Introduction to Node MCU and simple LED programs.

Hands-on:

Interfacing Sensors with Node MCU. | T E A B R E A K | Scanning of available Wi-Fi, its strength, Connecting Node MCU to Wi-Fi. | L U N C H | Getting the real-time data through cloud computing (using Blynk and Adafruit IO). | T E A B R E A K | Introduction to MIT App Inventor and Firebase.

Introduction to Raspberry pi & IoT

Configuring the OS for Raspberry pi. | |
| 07-04-2018 | Getting started with basic scratch programming.

Basic LED program using scratch. | Basics of python programming, basic led programs. | | Hands on: Interfacing of different sensors with raspberry pi | | Interfacing LCD, different sensors and servo motor continued | | Using MQTT Protocol and Thingspeak cloud API

Mobile IoT using Blynk Application. | validectory |

VENUE: M.tech. Lab, Dept. of ECE

The expected outcomes of the workshops included: by the end of the workshop the students will be able to,

➢ List out details regarding different controllers/Development Boards used for IoT.
➢ Interface different sensors to controllers and capture real time continuous data and process data
➢ Interpret meaningful insights from the data collected.
➢ Use various cloud services.
➢ Basics of python programming.
➢ How to connect the things using internet and managing/controlling various appliances.
➢ Control various home/Industrial appliances by developing their own Android applications.
➢ Creates new platform opportunities for the innovative students ready to build them.

Budget for Two Days Workshop on "IoT, a Hands-on approach"

Item	Amount
Honorarium for 2 Resource Persons :	10000/-
IEEE Student Chapter Banner:	400/-
Certificates, Writing pad and Pen :	1500/-
Food (Lunch and Tea for 2 days) :	6000/-
Total :	17,900/-

Total amount in words Seventeen thousand nine hundred only

Chandan Stnry
0dP: Shilpa Sglu
B M Row,

Jawaharlal Nehru National College of Engineering
Internal Quality Assurance Cell (IQAC)

Department of Computer Science and Engineering
And

◇IEEE
Mangalore Sub Section
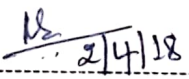RV0011901

IEEE Student Chapter

Circular
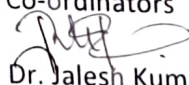
Date: 02-04-2018
Place: Shivamogga

Dept. of Computer Science and Engg., and IEEE Student Chapter, JNNCE, Shivamogga is organizing a 2-day workshop on **"IoT-A Hands on Approach"** on April 6th and 7th, 2018 for M.Tech CSE, NIE & DECS students. All the M.Tech students are hereby informed to attend the same without fail.

Date: April 6th and 7th 2018

Time: 10.00 a.m. – 5.00 p.m.

Venue: EC Lab

_____
2/4/18
Dr. Nirmala Shivananda
Professor and Head,
Dept. of CSE

_____
Co-ordinators

Dr. Jalesh Kumar
Associate Professor,

Mr. Chetan K R
Asst. Professor,

Dept. of CSE

Copy To: HOD, Dept. of ECE

National Education Society ®
Jawaharlal Nehru National College of Engineering, Shivamogga, Karnataka
(Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Phone : 08182-276707 / 8 / 9, Fax : 08182-222450 Email : hod_cse@jnnce.ac.in

Ref. No. : JNNCE/CSE

Date :_____

Date: 28/03/2018

To,

Dr. P Manjunath,

HOD,

Dept. of ECE,

JNNCE, Shimoga.

Respected sir,

We are pleased to invite you to deliver training on IoT- A hands on Approach for UG and PG students of CSE department on 06/04/2018 and 07/04/2018, in Admin block seminar Hall.

Thanking you,

HOD, CSE

Dr. Nirmala Shivanand
Professor and Head
Dept. of Computer Science of Engg.
J.N.N. College of Engineering
Shivamogga - 577204.

Ref. No. : JNNCE/CSE   Date :_____

Date: 28/03/2018

To,

Mr. Benak Patel M P
Assistant Professor,
Dept. of ECE,
JNNCE, Shimoga.

Respected sir,

We are pleased to invite you to deliver training on IoT- A hands on Approach for UG and PG students of CSE department on 06/04/2018 and 07/04/2018. in Admin block seminar Hall.

Thanking you,

HOD

Dr. Nirmala Shivanna
Professor and Head
Dept of Computer Science of Engg
J.N.N. College of Engineering
Shivamogga - 577204

CIRCULAR

Date: 28/03/2018

A Training program on **IoT-A hands on Approach** by **Dr. P Manjunath**, HOD, Dept. of ECE, JNNCE **and Mr. Benak Patel,** Asst. Prof., JNNCE is arranged **on 06/04/2018.** The students of 8th semester are hereby informed to attend.

Coordinators

HOD, CS&E

Dr. Nirmala Shivanand
Professor and Head
Dept. of Computer Science of Engg.
J.N.N. College of Engineering
Shivamogga - 577204

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Date : 5/4/2018

Circular

The IEEE Student chapter is activated for the year Jan' 2018 to Dec' 2018. In this regard department of CS&E is conducting a two-days workshop on "IOT- A hands on approach" for MTech (CSE), MTech (NIE) & mTech (DE) students on 6th/4/18 & 7/4/18. Inauguration of this workshop is on 6/4/18 at 9.30Am in AD block Seminar hall. All faculty are coordially invited to attend the Inauguration function & also valedictory function (7/4/18, at 4.00pm).

5/4/18

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Pushpa

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National Education Society (R)

JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING

Shivamogga-577 204, Karnataka, India.

INVITATION

You are cordially invited for

Inauguration of workshop on

"IoT - A Hands on Approach"

on 06th April 2018

Guests of Honour

Sri A. S. Vishwanath

President, NES, Shivamogga

Sri S. N. Nagaraj

Secretary, NES, Shivamogga

Dr. H.R. Mahadevaswamy

Principal, JNNCE, Shivamogga

will preside over the function

Dept. of CSE and IEEE Student Chapter, JNNCE

Time: 09.30 AM

Venue: Seminar Hall, Admin Block

Jawaharlal Nehru National College of Engineering
Internal Quality Assurance Cell (IQAC)

Department of Computer Science and Engineering
and

IEEE Student Chapter, JNNCE

2-day workshop on **"IoT-A Hands on Approach"**

Attendance Sheet

SL.NO.	NAME	Branch (M.Tech)	06/04/2018			
			Session 1	Session 1I	Session 1II	Session 1V
1.	AISHWARYA K V	CSE	Aishwarya	Aishwarya	Aishwarya	Aishwarya
2.	ANUSHA P S	CSE				
3.	ARCHANA K	CSE				
4.	DAYANANDA N	CSE	Dayn	Dayn	Dayn	Dayn
5.	FARIHA AIMAN	CSE	Fariha	Fariha	Fariha	Fariha
6.	MANJUNATHA H N	CSE	manjunatha	manjunatha	manjunatha	manjunatha
7.	POOJA V	CSE	Pooja.V	Pooja.V	Pooja.V	Pooja.V
8.	RASHMI S G	CSE	Rashmi.S.G.	Rashmi.S.G.	Rashmi.SG	Rashmi.SG
9.	SHARATH A	CSE				
10.	SHILPA B N	CSE	Shilpa.B.N	Shilpa.B.N	Shilpa.B.N	Shilpa.B.N
11.	SYEDA UMME SEDRA	CSE	Sedra	Sedra	Sedra	Sedra
12.	RAJATH G V	CSE				
13.	BINDU A N	CSE				
14.	ARPITHA G A	CSE				
15.	NAMITHA R SHETTY	CSE				
16.	RASHMI V	CSE	Rash.V.	Rash.V.		
17.	SHIVALI H P	CSE	Shivali.h.p	Shivali.h.p		
18.	SADIQHA K M	CSE	Sadiq	Sadiq		
19.	KAVYA HARITSA	CSE	Kavya	Kavya		
20.	SANGEETHA M K	CSE	Sangeetha.M.K	Sangeetha.M.K		
21.	JYOTHI B K	CSE	Jy			
22.	SUSHMA K R	CSE	Sushma.K.R.	Sushma.K.R.	Sushma.K.R.	Sushma.K.R.
23.	AMRUTHA S	CSE	Am	Am	Am	
24.	ANUSHA S A	CSE	Anushaa	Anushaa		
25.	SUPARNA H S	NIE	HSSuparna	HSSuparna	HSSuparna	HSSuparna
26.	YADUNANDANA B M	NIE				

2	27.	AYAZ AHMED	DECS				
2	28.	ARPITHA H R	DECS				
2	29.	SANDYA N V .	DECS				
2	30.	SHIRAZ M N	DECS				
2	31.	SOBIYA SUHA M AHMED	DECS				
2	32.	SUPRITHA PATIL S	DECS				
4	33.	JEEVITHA C M	DECS				
4	34.	CHETAN M P	DECS				
4	35.	BHARGAVI N G	DECS				
4	36.	ABHISHEK ARYA	DECS				
4	37.	SHILPA H R	DECS				
4	38.	SUCHARITHA S D	DECS				
4	39.	SUNIL KUMAR REDDY B A	DECS				
4	40.	USHA T R	DECS				

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Date: 11-04-2018

Place: Shivamogga

To,

The Principal,
JNN College of Engg.,
Shivamogga

Respected Sir,

Sub: Reimbursement of bills paid towards two days workshop on "IoT-A hands on Approach" conducted on 6th and 7th April 2018

With reference to the above subject and reference, we would like to inform that a two-day workshop on 'IoT- A hands on Approach" has been conducted successfully by the Dept. of CS&E on April 6th and 7th. In this regard, various expenses has been incurred and is given below: Kindly sanction the same and do the needful.

Bill details:

Sl.No.	Bill No.	Particulars	Amount
1.	5621	Pen and Notepad	450=00
2.	100	Snacks for 2 days	1550=00
3.		High tea	321=00
4.	2269	Mementos for Resource Person	300=00
5.	213	Flex and Certificates	1078=00
6.	204	Appreciation Certificates	140=00
7.		Cash Vouchers for two Resource Persons	10000=00
8.	22354	Petrol Charges	100=00
			13939=00

Note: The bills Sl. No. 3 (High tea) was paid by Mr. Chetan K R , Bill No. 213 and 204 was paid by Mr. Harish Kumar, and Bill No. 22354 was paid by Mr. Aswath Kindly reimburse to the paid

Thanking you,

Co-ordinators

Dr. Jalesh Kumar
Associate Professor,

Mr. Chetan K R
Asst. Professor,
Dept. of CSE

1) Vochers - 10000   Y/S
2) Bill ~V - 1550   Y/S
3) Bill ~S - 450
4) Bill ~R - 1218   2389
5) Bill - C - 721   C
13939

Dr. Nirmala Shivananda
Professor and Head,
Dept. of CSE

Jawaharlal Nehru National College of Engineering, Shivamogga

Department of Computer Science and Engineering

Training Program on IoT- A Hands on Approach
Attendance List

Date: 06/04/2018

SL. NO.	USN	NAME	ATTENDANCE
1.	4JN14CS001	ABHIRAM A P	P
2.	4JN14CS004	AKSHATHA D	P
3.	4JN14CS005	AKSHAY D RAO	AB
4.	4JN14CS006	AKSHAY KRISHNA NAIK	P
5.	4JN14CS007	AMITHA V RENU	P
6.	4JN14CS008	AMRUTHA G S	AB
7.	4JN14CS009	AMULYA H S	P
8.	4JN14CS011	ANUSHA D	P
9.	4JN14CS012	APEKSHA B	P
10.	4JN14CS013	ARPAN A LAMBORE	AB
11.	4JN14CS014	ARPITHA J N	P
12.	4JN14CS015	ARPITHA N M	P
13.	4JN14CS016	ASHA D B	P
14.	4JN14CS017	ASHRITHA S	P
15.	4JN14CS018	ASHUTOSH SHENOY P	AB
16.	4JN14CS019	AYESHA SIDDIQA NAMRA	P
17.	4JN14CS020	BHARATH T A	AB
18.	4JN14CS021	BINDUSHREE B	P
19.	4JN14CS022	BRUNDA T M	P
20.	4JN14CS023	CAROL FEEMA FERRAO	P
21.	4JN14CS026	DEEKSHA B S	P
22.	4JN14CS027	DEEKSHITH B G	P
23.	4JN14CS028	DEVRAJ G	P
24.	4JN14CS029	DHARINI G PRASAD	AB
25.	4JN14CS030	DIVYA V H	AB
26.	4JN14CS031	FARHEEN RUMANA	P
27.	4JN14CS032	G S VARUNKUMAR	AB P
28.	4JN14CS033	GAGAN B S	P
29.	4JN14CS034	GAGANASHREE D	P
30.	4JN14CS035	GOWRI SALERA M	P
31.	4JN14CS036	HAMSA G V	P
32.	4JN14CS037	HARSHITA G J	P
33.	4JN14CS038	HIMANSHU S	P
34.	4JN14CS039	HITHA G SHETTY	P
35.	4JN14CS040	J S SUJANA UPPARIGE	P
36.	4JN14CS041	JINCY M T	P

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37.	4JN14CS042	KAMLESH KUMAR	AB
38.	4JN14CS043	KARTHIK SARAFF	P
39.	4JN14CS044	KAVANA B S	P
40.	4JN14CS045	KAVYASHREE P	P
41.	4JN14CS046	KIRAN KUMAR M	P
42.	4JN14CS048	LATHA H D	P
43.	4JN14CS049	MADHURA D UDUPA	P
44.	4JN14CS050	MADHURI M	P
45.	4JN14CS051	MAITHILI J S	P
46.	4JN14CS052	MAMATA S	P
47.	4JN14CS053	MANISHA R B	P
48.	4JN14CS054	MANJUSHREE RAMESHA NAIK	P
49.	4JN14CS055	MEGHA	P
50.	4JN14CS056	MEGHANA H M	P
51.	4JN14CS057	MEHROSH HAJIRA	AB
52.	4JN14CS058	MOHAMMED SHUAIB ULLA KHAN	AB
53.	4JN14CS059	MYTHRI K M	P
54.	4JN14CS060	NAGAVARMA S U	P
55.	4JN14CS131	CHAITRA N HEGDE	P
56.	4JN14CS132	NIDHI	P
57.	4JN14CS418	ROOPA H S	P
58.	4JN14CS419	SACHIN H	P
59.	4JN15CS400	AFSHA RUHI	P
60.	4JN15CS401	ANUSHA S PATIL	P
61.	4JN15CS402	ANUSHA V G	P
62.	4JN15CS404	ARJUN N	P
63.	4JN15CS406	ATHMEEYA M D	P
64.	4JN15CS408	DEEPAK H P	AB
65.	4JN15CS410	HARINI P R	AB
66.	4JN15CS412	PRIYA M C	P
67.	4JN15CS416	RASHMI JADHAV R	P
68.	4JN15CS417	RASHMI K R	P
69.	4JN15CS422	SWATHI B S	P
70.	4JN15CS423	TABASSUM KHANUM	P
71.	4JN15CS424	UMA R	P
72.	4JN12CS091	SHIVAM BHARTHI	P
73.	4JN12CS116	VENKAT SUBBA SHASTRY	P
74.	4JN13CS027	BINAY KUMAR	P
75.	4JN13CS100	SUSHMITHA V NADIG	P
76.	4JN13CS111	VILAS RATNAKAR NAIK	AB
77.	4JN13CS112	VIMARSHA S N	P
78.	4JN13CS113	YOGESH M	P
79.	4JN14CS061	NAYANA B G	P
80.	4JN14CS062	NEHA RAJ	P

81.	4JN14CS063	NIHAL G BAILUR	P
82.	4JN14CS064	NIRANJAN B M	P
83.	4JN14CS065	NITHIN C BANDI	AB
84.	4JN14CS066	NITHIN R N	P
85.	4JN14CS067	PALLAVI U B	P
86.	4JN14CS068	PAVITRA G REVANKAR	P
87.	4JN14CS069	PAWAN K M	P
88.	4JN14CS070	POOJA B	AB
89.	4JN14CS072	PRAJNA B V	P
90.	4JN14CS073	PRANATHI PATEL H E	P
91.	4JN14CS074	PRIYANKA G R	P
92.	4JN14CS075	RACHANA J KANAKAGIRI	P
93.	4JN14CS076	RAHUL R BHOSLE	AB
94.	4JN14CS077	RAMYA MANJAPPA KANMANI	P
95.	4JN14CS078	RASHMI C S	P
96.	4JN14CS079	RASHMI G R	P
97.	4JN14CS080	RASHMI RAMESH NAYAK	P
98.	4JN14CS081	REKHASHREE J	P
99.	4JN14CS082	ROJA B	P
100.	4JN14CS083	S M SOWMYASHREE	P
101.	4JN14CS084	SACHIN G M	P
102.	4JN14CS085	SAGAR S	AB
103.	4JN14CS086	SAHANA J M	P
104.	4JN14CS087	SAI MOHAN B	AB
105.	4JN14CS088	SANATH M R	P
106.	4JN14CS089	SANDHYA R	P
107.	4JN14CS090	SAPTHAMI G PRABHU	P
108.	4JN14CS093	SHARANYA M	P
109.	4JN14CS094	SHARUKH	P
110.	4JN14CS095	SHREYAS S KASHYAP	AB
111.	4JN14CS096	SHRUTHI N	P
112.	4JN14CS097	SHUCHITA G R	AB
113.	4JN14CS098	SIDDIQHA BANU R S	P
114.	4JN14CS099	SINCHANA A M	P
115.	4JN14CS100	SINCHANA G V	P
116.	4JN14CS101	SNEHA C	P
117.	4JN14CS102	SONIYA M G	P
118.	4JN14CS103	SOWMYAHSREE G S	P
119.	4JN14CS104	SREE HARSHA	P
120.	4JN14CS105	SRI RACHITHA M S	P
121.	4JN14CS106	STUTI ADARSH	P
122.	4JN14CS107	SUGREEV B S	P
123.	4JN14CS109	SUMA VISHWANATH HEGDE	P
124.	4JN14CS110	SUMAIYA KAUKAB	P

125.	4JN14CS112	SURAJ S		P
126.	4JN14CS113	SUSHMITHA C K		P
127.	4JN14CS114	T G SHRUSTI		P
128.	4JN14CS115	T K VATSALA		P
129.	4JN14CS116	TANU H G		P
130.	4JN14CS117	VARSHA H S		P
131.	4JN14CS118	VARSHA K V		P
132.	4JN14CS119	VIBHA G S		P
133.	4JN14CS120	VIJETHA K C		P
134.	4JN14CS122	VISHRUTHA BHARADWAJ H S		P
135.	4JN14CS123	VIVEK P		P
136.	4JN14CS124	Y AMRUTHA BHAT		P
137.	4JN14CS125	PRATHEEKSHA P		P
138.	4JN14CS126	GAUTHAMI N		P
139.	4JN14CS127	GANESH PRASAD		AB
140.	4JN14CS128	RESHMA G BHAT		P
141.	4JN14CS129	SOUNDARYA M S		P
142.	4JN14CS130	SUMANA S V		P
143.	4JN15CS403	ARCHANA J		P
144.	4JN15CS405	ARPITHA A S		P
145.	4JN15CS407	AYESHA FARHEEN		P
146.	4JN15CS409	FAYAZ R		P
147.	4JN15CS411	PRAMATH V		P
148.	4JN15CS413	PRIYANKA K		AB
149.	4JN15CS414	RADHIKA N D		P
150.	4JN15CS415	RANJITHA D		P
151.	4JN15CS418	ROOPASHREE M		P
152.	4JN15CS419	ROSHAN BANU M		P
153.	4JN15CS420	SUMA MOTHILAL CHAVAN		P
154.	4JN15CS421	SUSHMITHA B R		P

Coordinators

HOD,CSE

Dr. Nirmala Shivanand
Professor and Head
Dept. of Computer Science of Engg.
J.N.N. College of Engineering
Shivamogga - 577204

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A Proceedings of Training program
On
IoT- A Hands on Approach

By
Computer Science Department

Date and Venue:
06 April 2018 and 07 April 2018, Admin Block Seminar Hall
JNN College of Engineering, Shimoga

Resource Person:

Dr. P Manjunath,
HOD, Dept. of ECE, JNNCE.

Mr. Benak Patel M P
Assistant Professor,
Dept. of ECE, JNNCE,

Participants:

Students of B.E. 8th Semester and PG students.

The Programme started with a formal function at 9.30 AM, Dr Sanjeev R Kunte, MoC of the programme invited all the dignitaries to the dais and Prof. Sreedevi S sung the invocation song, Dr Nirmala Shivanand, Professor and Head Welcomed all the dignitaries. Resource person spoke about the importance of IoT and its applications and Dr H R Mahadeva swamy, Principal also spoke on importance of training programme and informed the students to actively participate in all the activities. Prof Chetan K R delivered the vote of thanks.

After the formal program resource person explains about internet of things, or IoT, is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. He also explains working of IoT, importance of IoT and benefits. Finally session conclude by answering student question.

In the after session Dr. Manjunath demonstrated the use of various IoT sensors for the PG students. In the second day of the training program the required software's were installed in the student laptop. Mr. Benak Patel explained the programming using Aurdino. Students were given hands on examples to work with Aurdino and few sensors.

National Education Society ®

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Phone : 08182-276707 / 8 / 9, Fax : 08182-222450 Email : hod_cse@jnnce.ac.in

Ref. No. : JNNCE/CSE

Date : _____

To,

Date: 07/04/2018

Dr. P Manjunath,

HOD,

Dept. of ECE,

JNNCE, Shimoga.

Respected Sir,

On behalf of Department of Computer science and Engineering, JNNCE, Shivamogga, we thank you for delivering Training on IoT-A hands on Approach on 06/04/2018 and 07/04/2018. We look forward to your continued support.

Thanking you,

HOD, CSE

Dr. Nirmala Shivanand
Professor and Head
Dept. of Computer Science of En...
J.N.N. College of Engineering
Shivamogga - 5772...

National Education Society ®
Jawaharlal Nehru National College of Engineering, Shivamogga, Karnataka
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Phone : 08182-276707 / 8 / 9, Fax : 08182-222450 Email : hod_cse@jnnce.ac.in

Ref. No. : JNNCE/CSE

Date :_____

Date: 07/04/2018

To,

Mr. Benak Patel M P

Assistant Professor,

Dept. of ECE,

JNNCE, Shimoga.

Respected Sir,

On behalf of Department of Computer science and Engineering, JNNCE, Shivamogga, we thank you for delivering Training on IoT-A hands on Approach on 06/04/2018 and 07/04/2018. We look forward to your continued support.

Thanking you,

HOD

Dr. Nirmala Shivanand
Professor and Head
Dept. of Computer Science of Enog.
J.N.N. College of Engineering
Shivamogga - 577204,