DEPARTMENT OF COMPUTER SCIENCE

NOTICE
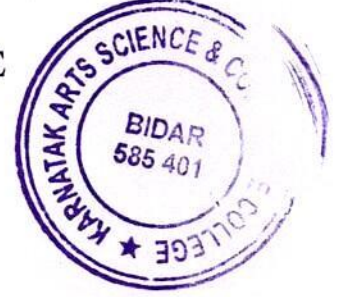
All the students of the B. Sc. II, IV, and VI CME/CES combination are hereby informed that the Department of Computer Science is going to organizing a two-day career guidance program on Internet of Things (IOT) and its applications from 9/2/2019 to 10/2/2019. Interested students are to enroll their names with Asst. Prof. Ashok Huded and Asst. Prof. Prabha E.

**Head
Department of Computer Science**

Department of Computer Science
Karnatak. Arts. Science and
Commerce College BIDAR

PRINCIPAL
Karnatak Arts, Sci. & Com. College
BIDAR-585401

K.R.E Society's

Karnatak Arts, Science and Commerce College, Bidar

A

Report

On

Career guidance program on

Internet of Things (IOT)

By

Department of Computer Science

From

09 February 2019

To

10 February 2019

K.R.E Society's

Karnatak Arts, Science & Commerce College, Bidar

ESTD. 1970
(Affiliated to Gulbarga University)
College With Potential for Excellence

ESTD. 1942

We cordially invite you to the inaugural function of
Workshop
On

INTERNET OF THINGS

Inauguration

Chief Guest
Dr. Ravindra Eklarker
Prof and HOD, (Dept. of E &CE)
GNDEC Bidar

Resource Person
Prof. Rakesh Marturkar
GNDEC Bidar

Guest of Honour
Dr. Mallikarjun Hangarge
Vice Principal KASCC, Bidar

Presided by
Dr. M. S. Patil
Principal, KASCC, Bidar

Organizer
Prof. Shrikant Doddamani
HOD, Computer Science, KASCC, Bidar

DATE: 9th February 2019   Time: 10.00 am

Venue
Conference Hall, KASCC, Bidar

K.R.E Society's

Karnatak Arts, Science & Commerce College, Bidar

ESTD. 1970
(Affiliated to Gulbarga University)
College With Potential for Excellence

ESTD. 1942

We cordially invite you to the Valedictory function of
Workshop
On

INTERNET OF THINGS

Valedictory

Chief Guest
Dr. Dhananjay M
HOD. Computer Science GNDEC Bidar

Guest of Honor
Prof. Rakesh. M
GNDEC Bidar

Presided by
Prof. Shyamkant. K
HOD Physics KASCC, Bidar

Organizers
Sri. Shrikant Doddamani
HOD, Computer Science, KASCC, Bidar

DATE: 10th February 2019   Time:4:00 pm

Venue
Conference Hall, KASCC, Bidar

*carrier guidance program: two-day workshop on Internet of Things (IOT)*

SCHEDULE

Session/Time	Topic/Content	Learning Outcome	Venue
Session 1 Time:10.30 AM to 11.30 AM (Dt:09/02/19)	**INTRODUCTION TO IOT**	What is IOT, IOT Working, Potential of IOT, Applications of IOT, Challenges, Future of IOT	LAB
Session 2 Time:12.00 PM to 5.00 PM (Dt:09/02/19)	**ARDUINO BASICS**	Learn Arduino Basics, Installations of Arduino API other Drivers, Learn Basic Sensor Programming (Analog Sensor and Digital Sensor)	LAB
Session 3 Time:9.30 AM to 12.30 PM (Dt:10/02/19)	**ARDUINO APPLICATION DEVELOPMENT**	Push Button Applications, Real time Temp Monitoring, Various Soil Moisture Sensor Applications,	LAB
Session 4 Time:1.00 AM to 3.30 PM (Dt:10/02/19)	**ARDUINO APPLICATION DEVELOPMENT**	Building Robot Arms, Automation Systems,	LAB

Karnatak Arts, Science & Commerce College Bidar

Brief Report

Date of Activity: **09 - 10 February 2019**		Time Slot/Session: **8 Sessions**	
Activity Name:	**Carrier guidance program: two-day workshop on Internet of Things (IOT)**	Teachers / In-charge	**Sri. Ashok Huded** **Dr. Prabha E**
Organizing Dept/ Committee: **Department of Computer Science**		Guest/ Resource Person: **Dr. Ravindra Eklarker, HOD (E&CE) Department, Guru Nanak Dev Engineering College, Bidar**	
Total Number of Students Attended: **72**		Report Generated by: **Workshop, Coordinator**	
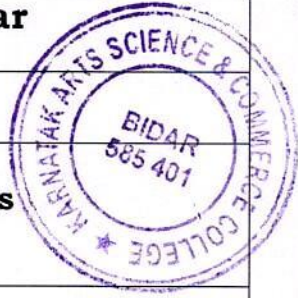
About:

The Internet of Things (IoT) is a system of interrelated computing devices—mechanical and digital machines, objects, animals, or people—that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.
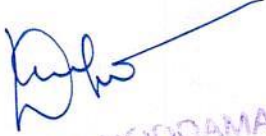
Carrier guidance program: two-day workshop on the Internet of Things (IOT) was held on February 9–10, 2019 and covered the basics of IOT, Auridino, and Auridino application development. Dr. Ravindra Eklarker, HOD (E&CE) Department, Guru Nanak Dev Engineering College, Bidar, was the chief guest and delivered the keynote address on IOT and its applications. The resource persons were Prof. Rakesh Marturkar, Prof. Shilpa Biradar, and Prof. Pradeep Karanje, who delivered hands-on sessions. A total of 72 students from BCA and BSc attended the workshop.

This workshop provided an up-to-date IOT with all of the information required to understand WHAT THE HELL IS THIS INTERNET OF THINGS.

The workshop involved teaching the following concepts to the students:

1. IOT INTRODUCTION:

- What exactly is the Internet of Things?
- Getting started with IoT
- Introduction to the Internet of Things (IoT)
- Why IOT?
- How IOT became the 21st century's hottest topic
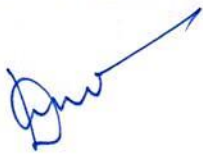- How the Internet of Things works
- How Things Talk to the Internet

2. IOT ARCHITECHTURE

ESP8266 Node-MCU: Hardware Introduction

- What is an ESP8266 node-MCU?
- Hardware knowledge
- Handshake with the ESP8266
- Developing the environment
- Overview of the board
- Popularity & scope The Pin Diagram
- Introduction to the PIN diagram
- Pin outputs and PIN inputs
- feature that makes it difficult
- CONTROLLING THE DIGITAL OUTPUT ENVIRONMENT WITH ANALOG AND DIGITAL PINOUT
- Working on the details

Sample Certificate

Photo Gallery:

Dr. Ravindra Eklarker, HOD (E&CE) Department, Guru Nanak Dev Engineering College, Bidar addressing the inauguration of IoT workshop.

Prof. Pradeep Karanje, Guru Nanak Dev Engineering College, Bidar interacting the students during hands on training

Prof. Rakesh Marturkar, Guru Nanak Dev Engineering College, Bidar addressing the students at valedictory ceremony

Group photo with Chief Guest and Resource Persons

List of Participants:

#	Name	Course	Phone	Sign
1.	Deepika B M	Bsc IV CME	9113881048	
2.	Ketana. B. B	Bsc IV CME	8217718836	
3.	Sai Kumar	Bsc II CME	9538714799	
4.	Kamakshi. D/o Kiron kuma	Bsc IV CMS	7411553367	
5.	akshata	Bsc IV CMS	8618716223	
6.	Lavanya	Bsc IV CES	8095260550	
7.	Ashwini, Erashetty	Bsc IV PMCS	9741083676	
8.	~~Aaruti Mayuti~~	~~B.sc IV CME~~		
8	Aaruti D/o Mayuti	B.sc. IV CME	9113273641	
9.	Rishita Goud.	B.sc. IV PMCS	9538566930	
10	(Cancel) ~~Aakash s/o vithal rao~~	B.sc. VI CES	— Cancelled —	
11	Desmukh Ashwini. P.	B.sc IV CME.		
12	Bhuvaneshwari	Bsc II		
13	Supriya D/o Satlati	Bsc II		
14	Madhu D/o Dharmprakash	Bsc II		
15	Anisha D/o Sanjeevkumar	Bsc II		
16	Pooja D/o Purushottam	Bsc II		
17	Gangamma D/o sheshappa	Bsc II		
18	Akash	"		
19	Abhishek	"	8867186711	
20	Jagdish	"	9036265988	
21	IQRAFATIMA	BSc. IV	8105338947	
22	Imaad	BCA II		
23	Pramod	BCA II		
24	(Kritika Kulkarni)	Bsc II CES	—	
25	Deepak Garje	Bsc IV CES	9538028611	
26	Kailash swamy	Bsc VI CES	9035375814	
27	Sagar Birdaelu	Bsc II CME	7676668235	
28	Sidappa	Bsc II CME	9606897190	
29	Soundarya	Bsc VI CMS	8217796193	
30	Priyanka	Bsc VI PMCS	8105334216	
31	Sandeep Halbarge	Bsc II PMCS	7829207890	
32	Avinash patil	Bsc II PMCS	8722485727	
~~33.~~	~~Shruti Rajkumar~~	Bsc II PMCS	8970213820	
33	Vinod	Bsc IV	9845560688	

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Head & Associate Professor
of Computer Science

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No.	Name	Class	Phone
34	Fareeda Sultana	BCA II	97421...
35	Santosh	Bsc II	73495...
36	Mahesh	Bsc II	95350...
37	Farooq	Bsc II	7406807128
38	Ajaykumar	Bsc II	8970118058
39	Varun	Bsc II	9380309600
40	Baswakiran	Bsc II	990143116 8
41.	Prajwal	Bsc II	741572824
42	Priyanka	Bsc II	9731650447
43.	Anilkumar	Bsc II	7483834763
44	Snehalata	Bsc IV	8123175802
45.	Heena kousar	Bsc IV	9148260851
46.	Rakesh	Bsc II	9591675348
47	Sarika	Bsc II	9108957228
48	Bhavani	Bsc II	9739762619
49	Vaishnavi [amount adjusted to	Bsc II	9449337086
50	Nikita Shruti Rajkumar	Bsc II	9148511956
51.	Renuka	Bsc IV (CES)	8197247305
52	Uzma Idrees	Bsc IV ''	9538184306
53	Sartrath	BCA IV	9880802341
54	Rajesh	BCA IV	7899120301
55	Raheel	BCA IV	8970059964
56	Siddu	BCA IV	7899679763
57	Sachin	BCA IV	7022104694
58	Prasad	BCA IV	7259853186
59	Amar wagamare	BCA VI	6361189028
60	Nagaraj	BCA VI	6360413443
61	Abhijeet	BCA VI	8095951508
62	Pranita	BCA II	8296132796
63	Mrijala	BCA II	9341723180
64	~~Roopam~~ Anwar pasha	~~BCA II~~	~~9731970824~~
65	Ashwini D/o shalivan	Bsc IV	8722544080
66	Navya Kiran	BCA VI	
67	Rohan	BCA II	6363642318
68	Shredha Mudda	BCA II	6363416900

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70	Akash S/o Naliappa	8861555970	CVC
71	Jai prakash		BCA II
72	Rakesh		BCA II
73.	Aishwarya		BCA II
74.	Madiha Maheen		BCA II

72 paid   72×500 = 36.000.
02 Not paid.   71×500 = 35,500

Paper news:

ಬೀದರ್‌ನ ಕರ್ನಾಟಕ ಕಲಾ, ವಿಜ್ಞಾನ ಹಾಗೂ ವಾಣಿಜ್ಯ ಮಹಾವಿದ್ಯಾಲಯದಲ್ಲಿ ಶನಿವಾರ ಎರಡು ದಿನಗಳ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಗುರುನಾನಕ ದೇವ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ವಿದ್ಯುನ್ಮಾನ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಪ್ರೊ. ರವೀಂದ್ರ ಪಕಲಾಪಕರ್ ಮಾತನಾಡಿದರು.

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