Date -19/12/2019

Report on Guest Lecture on "IOT"

The department of BCA was organized Guest Lecture on **"Internet of Things (IOT)"** on 19th December, 2019. This Guest Lecture was organized under the MOU & inauguration of Value Added Course. The purpose of Guest Lecture was to provide the information about advance technology & how to working with this technology in 21st century.
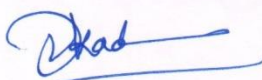
Outcome-

To understand the students IOT concepts & how to use in day to day life and this technology is benefited or not.

Beneficiaries

Students- **25**

Head of Department
Department of Computer Application
Arts,Science & Commerce College
Ramanandnagar (Burli)

Principal
(A.S.C. College Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar(Burli)

Department of Computer Application

Value Added Course

Internet of Things (IOT)

2019-20

COMMITTEE

Sr. No.	Name	Designation
1.	Prof. Kshirsagar S.P.	Chairman
2.	Prof. Bhosale S.S.	Coordinator
3.	Prof. Deshmukh A.S.	Member
4.	Hajare Dnyandev Rajaram	Member

Agenda:-

1. To ArrangeValue Added Course entitles Internet of Things (IOT).
2. To start self-finance course to placement opportunities.

Head,
Head of Dept.
Department of Computer Application
Arts, Science & Commerce College
Ramanandnagar (Burli)

Principal
Principal
A.S.C.College, Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar (Burli)

Department of Computer Application

Value Added Course 2019-20

Internet of Things (IOT)

Duration - 30 hrs.

Syllabus

Unit 1: Introduction to Internet of Things (06)
    1.1.   What is Internet?
    1.2.   The Technology "Internet of Things"
    1.3.   Usefulness of IoT
    1.4.   Professional Benefits
    1.5.   Application of IoT

Unit 2: Internet of Things Environment (08)
    2.1.   Introduction to Input and Output devices
    2.2.   Introduction to embedded system
    2.3.   Components of embedded systems
    2.4.   The controlling unit "Microcontroller".
    2.5.   Actuators.

Unit 3: Sensors & Internet of Things: (06)
    3.1.   Introduction to sensors.
    3.2.   Analog & Digital Sensors.
    3.3.   How to use sensors.
    3.4.   Types of sensors
    3.5.   Case Study

Practicals- (10)
    1) Practical Based on Unit 1
    2) Practical Based on Unit 2
    3) Practical Based on Unit 3

Head of Dept.
Department of Computer Application
Arts, Science & Commerce College
Ramanandnagar (Burli)

Head of Department

Rayat Shikshan Sanstha's,

ARTS, SCIENCE AND COMMERCE COLLEGE, RAMANANDNAGAR (BURLI)

Department of Computer Application
Value Added Course (IOT)
2019-20
Program Outcome, Course Outcome, Program Specific Outcome
(PO, CO, PSO)

❖ Program Outcome:
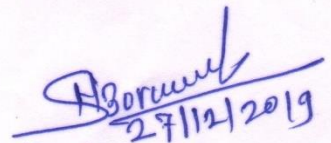
1. Effective usage of IOT deployment for different sectors.
2. Exploring the features of predictive data analytics for IOT applications.
3. Able to realize the revolution of internet in mobile devices, cloud & sensor networks.

❖ Course Outcome:

1. Able to understand the application areas of IOT.
2. Able to understand building blocks of IOT and characteristics.
3. Understand the technology & standards relating to IOT.
4. Helps to gain in-depth technical knowledge of the opted technology.

❖ Program Specific Outcome:

1. To contribute their technical skills in computing & information technology domains.
2. To compete practically & provide technical solutions for real world problems & must be able to apply the paradigm of programming language.

27/12/2019

Head of Dept.
Department of Computer Application
Arts, Science & Commerce College
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar (Burli)

Department of Computer Application

Value Added Course 2019-20

Internet of Things (IOT)

Syllabus Distribution

Sr. No.	Name of Faculty	Unit
1	Prof. Kshirsagar S.P.	Unit 1
2	Prof. Bhosale S.S.	Unit 2
3	Prof. Deshmukh A.S.	Unit 3
4	All Faculty	Practical's

Head of Dept.
Department of Computer Application
Arts, Science & Commerce College,
Ramanandnagar (Burli)

Head of Department

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar (Burli)

Department of Computer Application

Internet of Things (IOT)

Notice

All the students are hereby informed that the department is going to run Value Added Course **"Internet of Things (IOT)"** from 19/12/2019 to 19/01/2020. All should be present to take advantage of this course.

Head of Dept.
Department of Computer Application
Arts, Science & Commerce College
Ramanandnagar (Burli)

Head of Department

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar (Burli)

Department of Computer Application

Value Added Course 2019-20

Internet of Things (IOT)
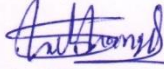
Time Table

Date	Name of Faculty	Time	Theory/Practical
19/12/2019	Prof.Kshirsagar S.P.	10.00 to 11.00	Theory
20/12/2019	Prof. Bhosale S.S.	10.00 to 11.00	Theory
21/12/2019	Prof. Deshmukh A.S.	10.00 to 11.00	Theory
23/12/2019	Prof.Kshirsagar S.P.	10.00 to 11.00	Practical
24/12/2019	Prof. Bhosale S.S.	10.00 to 11.00	Practical
26/12/2019	Prof. Deshmukh A.S.	10.00 to 11.00	Practical
27/12/2019	Prof.Kshirsagar S.P.	10.00 to 11.00	Theory
28/12/2019	Prof. Bhosale S.S.	10.00 to 11.00	Theory
30/12/2019	Prof. Deshmukh A.S.	10.00 to 11.00	Theory
31/12/2019	Prof.Kshirsagar S.P.	10.00 to 11.00	Practical
01/01/2020	Prof. Bhosale S.S.	10.00 to 11.00	Practical
02/01/2020	Prof. Deshmukh A.S.	10.00 to 11.00	Practical
03/01/2020	Prof. Kshirsagar S.P.	10.00 to 11.00	Theory
04/01/2020	Prof. Bhosale S.S.	10.00 to 11.00	Theory
06/01/2020	Prof. Deshmukh A.S.	10.00 to 11.00	Theory
07/01/2020	Prof. Kshirsagar S.P.	10.00 to 11.00	Practical

08/01/2020	Prof. Bhosale S.S.	10.00 to 11.00	Practical
09/01/2020	Prof. Deshmukh A.S.	10.00 to 11.00	Practical
10/01/2020	Prof. Kshirsagar S.P.	10.00 to 11.00	Theory
11/01/2020	Prof. Bhosale S.S.	10.00 to 11.00	Theory
13/01/2020	Prof. Deshmukh A.S.	10.00 to 11.00	Theory
14/01/2020	Prof. Kshirsagar S.P.	10.00 to 11.00	Practical
16/01/2020	Prof. Bhosale S.S.	10.00 to 11.00	Practical
17/01/2020	Prof. Deshmukh A.S.	10.00 to 11.00	Practical
18/01/2020	Prof. Kshirsagar S.P.	10.00 to 11.00	Theory

Prof. Kshirsagar S.P.
(Chairman)

Prof. Bhosale S.S.
(Coordinator)

Prof. Borade N.S.
(Head of Department)

Head of Dept.
Department of Computer Application
Arts, Science & Commerce College
Ramanandnagar (Burli)

Arts Science and Commerce College, Ramanandanagar(Burli)

Department of BCA

Add On course on Internet of things

<u>2019-20</u>

Student List

BCA-I

Roll No	Name of the Student	Student Sign
2351	INGALE SNEHAL POPAT	Ingale
2352	JADHAV SAMAJYOTI SANJAY	Jdhav
2353	MALI SAURABH UTTAM	SLM
2354	PATIL SUSMITA HANMANT	Patil
2355	SAWANT ROHIT RAJENDRA	R.R. Sawant
2356	SOLVANDE SNEHAL SUNIL	Ssolvande.
2357	JADHAV TEJASWINI DHANAJI	Dual

BCA-II

Roll No	Name of the Student	Student Sign
2401	INGALE SHIVANI SUNIL	Ingale
2402	JADHAV MAHESH SURESH	mauy
2403	KADAM JAYDEEP JAYSING	Kadam
2404	LAD SHRUTI RAMESH	SLad
2405	LOKHANDE VAISHALI MAHADEV	mkhande.
2406	MALI BHAGYASHRI HANMANT	Foplio
2407	MISSING POOJA KRISHNA	PKmgi
2408	MOHITE VAISHNAVI VILAS	V.V. mohite
2409	PATIL ANJALI VIJAY	A.V. Patil.
2410	SARDGUDDA ANKITA KRUSHNA	Ksadgudda.
2411	VIBHUTE SHIVANI RAHUL	SBI
2412	WAINGADE PRATIKSHA GANESH	PMauy.
2413	MASKE YOGITA RAVAJI	Y.R.maske

BCA-III

Roll No	Name of the Student	Student Sign
2451	CHAVAN BHAGYASHRI TANAJI	*Bchavan*
2452	CHAVAN PRATHMESH SUBHASH	*Pshhan*
2453	HAJARE DNYANDEV RAJARAM	*Dney*
2454	MASKE VRUSHALI SANJAY	*vmaske*
2455	PAILWAN SUYASH SHIVAJI	*Spauny*
2456	PATIL KISHORI ANIL	*Kpatil*

Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's
Arts, Science & Commerce College, Ramanandnagar (Burli)
Value Added Course 2019-20

COURSE Name: IOT   **Time: 10.00 To 11.00**

Roll No.	Name of Students	19/12/19	20/12/19	21/12/19	23/12/19	24/12/19	26/12/19	27/12/19	28/12/19	30/12/19
2351	Ingale Snehal Popat	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale
2352	JadhavSamajyoti Sanjay	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
2353	Mali SaurabhUttam	Self	Self	Self	Self	Self	Self	Self	Self	Self
2354	PatilSusmitaHanmant	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
2355	SawantRohitRajendra	AB	AB	AB	AB	AB	AB	AB	AB	AB
2356	Solvande Snehal Sunil	AB	AB	AB	AB	AB	AB	AB	AB	AB
2357	JadhavTejaswiniDhanaji	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
2358	Ingale Snehal Popat	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale
2401	IngaleShivani Sunil	Shivani	Shivani	Shivani	Shivani	Shivani	AB	AB	AB	Shivani
2402	Jadhav Mahesh Suresh	mahesh	mahesh	mahesh	mahesh	mahesh	mahesh	mahesh	mahesh	mahesh
2403	Kadam JaydeepJaysing	AB	AB	AB	AB	AB	AB	AB	AB	AB
2404	Lad Shruti Ramesh	SRlad.	SRlad.	SRlad.	SRlad.	SRlad.	SRlad.	SRlad.	SRlad.	SRlad.
2405	LokhandeVaishaliMahadev	mLokhande	mLokhande	mLokhande	mLokhande	mLokhande	mLokhande	mLokhande	mLokhande	mLokhande
2406	Mali BhagyashriHanmant	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali
2407	MankojiPooja Krishna	Pkrnaji	Pkrnaji	Pkrnaji	Pkrnaji	Pkrnaji	Pkrnaji	Pkrnaji	Pkrnaji	Pkrnaji
2408	MohiteVaishnavi Vilas	v.v Mohite	v.v.Mohite	v.v.Mohite	v.v.Mohite	v.v.Mohite	v.v.Mohite	v.v.Mohite	v.v.Mohite	v.v.Mohite
2409	Patil Anjali Vijay	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil

Roll No.	Name									
2410	SardguddaAnkitaKrushna	@sardgudda	@sardgudda	@sardgudda	@sardgudda	@sardgudda	@sardgudda	@sardgudda	@sardgudda	@sardgudda
2411	VibhuteShivani Rahul	SRL	SRL	SRL	SRL	SRL	SRL	SRL	SRL	SRL
2412	WaingadePratiksha Ganesh	Pen	Pen	Pen	Pen	Pen	AB	AB	AB	AB
2413	MaskeYogitaRavaji	Omary	Omary	Omary	Omary	Omary	Omary	Omary	Omary	Omary
2451	ChavanBhagyashriTanaji	AB	AB	AB	AB	AB	Bhavan	Bhavan	Bhavan	Bhavan
2452	ChavanPrathmeshSubhash	Psharan	Psharan	Psharan	Psharan	Psharan	Psharan	Psharan	Psharan	Psharan
2453	Hajare Dnyandev Rajaram	Dejas	Dejas	Dejas	Dejas	Dejas	Dejas	Dejas	Dejas	Dejas
2454	MaskeVrushali Sanjay	Vmaske	Vmaske	Vmaske	Vmaske	Vmaske	Vmaske	Vmaske	Vmaske	Vmaske
2455	PailwanSuyash Shivaji	Spawn	Spawn	Spawn	Spawn	Shen	Pailwan	SPawn	Spailwan	Spailwan
2456	PatilKishori Anil	AB	AB	AB	AB	Khati	Khati	Khati	Khati	Khati

Prof. Kshirsagar S.P.
(Chairman)

Prof. Bhosale S.S.
(Coordinator)

Prof. Borade N.S.
(Head of Department)

Rayat Shikshan Sanstha's
Arts, Science & CommerceCollege, Ramanandnagar (Burli)
Capsule Course 2019-20

COURSE Name: IOT

Time: 10.00 To 11.00

Roll No.	Name of Students	31/12/19	01/01/20	02/01/20	03/01/20	04/01/20	06/01/20	07/01/20	08/01/20
2351	Ingale Snehal Popat	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale
2352	JadhavSamajyoti Sanjay	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
2353	Mali SaurabhUttam	Self	Self	Self	Self	Self	Self	Self	Self
2354	PatilSusmitaHanmant	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
2355	SawantRohitRajendra	AB	AB	AB	AB	AB	AB	AB	AB
2356	Solvande Snehal Sunil	AB	AB	AB	AB	AB	AB	AB	AB
2357	JadhavTejaswiniDhanaji	Deel	Deel	Deel	Deel	Deel	Deel	Deel	Deel
2358	Ingale Snehal Popat	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale
2401	IngaleShivani Sunil	Shivani		Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
2402	Jadhav Mahesh Suresh	Mahesh	Mahesh	Mahesh	Mahesh	AB	AB	AB	AB
2403	Kadam JaydeepJaysing	AB	AB	AB	AB	AB	AB	AB	AB
2404	Lad Shruti Ramesh	SLad	SLad	SLad	SLad	SLad	SLad	SLad	SLad
2405	LokhandeVaishaliMahadev	mlokhand	mlokhand	mlokhand	mlokhand	mlokhand	mlokhand	mlokhand	mlokhand
2406	Mali BhagyashriHanmant	Imalibh	Imalibh	Imalibh	Imalibh	Imalibh	Imalibh	Imalibh	Imalibh
2407	MankojiPooja Krishna	Dhaji	Dhaji	Dhaji	Dhaji	Dhaji	Dhaji	Dhaji	Dhaji
2408	MohiteVaishnavi Vilas	v.v.mohite	v.v.mohite	v.v.mohite	v.v.mohite	v.v.mohite	v.v.mohite	v.v.mohite	v.v.mohite
2409	Patil Anjali Vijay	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil

Roll No.	Name								
2410	SardguddaAnkitaKrushna								
2411	VibhuteShivani Rahul								
2412	WaingadePratiksha Ganesh		AB			AB			
2413	MaskeYogitaRavaji								
2451	ChavanBhagyashriTanaji								
2452	ChavanPrathmeshSubhash			AB		AB	AB		
2453	Hajare Dnyandev Rajaram								
2454	MaskeVrushali Sanjay								
2455	PailwanSuyash Shivaji								
2456	PatilKishori Anil							AB	AB

Prof. Kshirsagar S.P.
(Chairman)

Prof. Bhosale S.S.
(Coordinator)

Head of Dept.

Prof. Borade N.S.
(Head of Department)

		Roll No.
	Ingale Snehal Popat	2351
	Jadhav Jamayjyoti Sanjay	2352
	Mali...	2353
	PatilSusmitaHanumant	2354
	SawantRohiniRajendra	2355
	...	2356
	Jadha... Hanuman...	2357
	Ingale Snehal Popat	2358
	IngaleShivani Sunil	2401
	Jadhav Mahesh Suresh	2402
	Kadam Jaydeepjaysing	2403
	Lad Shruti Ramesh	2404
	LokhandeVaishaliMahadev	2405
	Mali Bhagyashrihanmant	2406
	MankojiPooja Krishna	2407
	MohiteVaishnavi Vilas	2408
	Patil Anjali Vijay	2409

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar (Burli)
Capsule Course 2019-20

COURSE Name: IOT

Time: 10.00 To 11.00

Roll No.	Name of Students	09/01/20	10/01/20	11/01/20	13/01/20	14/01/20	16/01/20	17/01/20	18/01/20
2351	Ingale Snehal Popat	Ingale	Ingale	AB	Ingale	Ingale	Ingale	Ingale	Ingale
2352	JadhavSamajyoti Sanjay	Jadhav	Jadhav	AB	Jadhav	Jadhav	AB	AB	Jadhav
2353	Mali SaurabhUttam	Self	self	Self	self	Self	Srs	Srs	Slf
2354	PatilSusmitaHanmant	P	Patil	Patil	Patil	Patil	Patil	AB	AB
2355	SawantRohitRajendra	AB	AB	AB	AB	AB	AB	AB	AB
2356	Solvande Snehal Sunil	AB	AB	AB	AB	AB	AB	AB	AB
2357	JadhavTejaswiniDhanaji	Deol	Deol	Deol	Deol	Deol	Deol	Deol	Deol
2358	Ingale Snehal Popat	Ingale	Ingale	AB	Ingale	Ingale	Ingale	Ingale	Ingale
2401	IngaleShivani Sunil	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
2402	Jadhav Mahesh Suresh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
2403	Kadam JaydeepJaysing	AB	AB	AB	AB	AB	AB	AB	AB
2404	Lad Shruti Ramesh	SRLad	SRLad	SRLad	SRLad	AB	SRLad	SRLad	SRLad
2405	LokhandeVaishaliMahadev	Mlokhande	Mlokhande	Mlokhande	Mlokhande	Mlokhande	Mlokhande	Mlokhande	Mlokhande
2406	Mali BhagyashriHanmant	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali
2407	MankojiPooja Krishna	Dhnaji	Dhnaji	Dhnaji	Dhnaji	Dhnaji	Dhnaji	Dhnaji	Dhnaji
2408	MohiteVaishnavi Vilas	V.V.Mohite	V.V.Mohite	V.V.Mohite	V.V.Mohite	V.V.mohite	V.V.Mohite	V.V.Mohite	V.V.Mohite
2409	Patil Anjali Vijay	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil	A.V.Patil

Roll No.	Name							
2410	Sardgudda Ankita Krushna							
2411	Vibhute Shivani Rahul							
2412	Waingade Pratiksha Ganesh							
2413	Maske YogitaRavaji						AB	AB
2451	Chavan Bhagyashri Tanaji							
2452	Chavan Prathmesh Subhash					AB		AB
2453	Hajare Dnyandev Rajaram		AB		AB			AB
2454	Maske Vrushali Sanjay							
2455	Pailwan Suyash Shivaji							AB
2456	Patil Kishori Anil							

Prof. Kshirsagar S.P.
(Chairman)

Prof. Bhosale S.S.
(Coordinator)

Head of Dept.
Prof. Borade N.S.
(Head of Department)

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar (Burli)

Department of Computer Application

Value Added Course 2019-20

Internet of Things (IOT)

Teacher Attendance

Date	Name of Faculty	Theory/Practical	Signature
19/12/2019	Prof.Kshirsagar S.P.	Theory	
20/12/2019	Prof. Bhosale S.S.	Theory	
21/12/2019	Prof. Deshmukh A.S.	Theory	
23/12/2019	Prof.Kshirsagar S.P.	Practical	
24/12/2019	Prof. Bhosale S.S.	Practical	
26/12/2019	Prof. Deshmukh A.S.	Practical	
27/12/2019	Prof.Kshirsagar S.P.	Theory	
28/12/2019	Prof. Bhosale S.S.	Theory	
30/12/2019	Prof. Deshmukh A.S.	Theory	
31/12/2019	Prof.Kshirsagar S.P.	Practical	
01/01/2020	Prof. Bhosale S.S.	Practical	
02/01/2020	Prof. Deshmukh A.S.	Practical	
03/01/2020	Prof.Kshirsagar S.P.	Theory	
04/01/2020	Prof. Bhosale S.S.	Theory	
06/01/2020	Prof. Deshmukh A.S.	Theory	
07/01/2020	Prof.Kshirsagar S.P.	Practical	
08/01/2020	Prof. Bhosale S.S.	Practical	

09/01/2020	Prof. Deshmukh A.S.	Practical	*signature*
10/01/2020	Prof.Kshirsagar S.P.	Theory	*signature*
11/01/2020	Prof. Bhosale S.S.	Theory	*signature*
13/01/2020	Prof. Deshmukh A.S.	Theory	*signature*
14/01/2020	Prof.Kshirsagar S.P.	Practical	*signature*
16/01/2020	Prof. Bhosale S.S.	Practical	*signature*
17/01/2020	Prof. Deshmukh A.S.	Practical	*signature*
18/01/2020	Prof.Kshirsagar S.P.	Theory	*signature*

Head of Dept.
Department of Computer Application
An...
...manandnagar (Burli)

Head of Department

Arts, Science & Commerce College, Ramanandnagar(Burli)

Department of Computer Application

Course Name-**Internet of Things (IOT)**   Date-22/01/20

Name of the Student- Chavan Prathmesh Subhash

FEEDBACK FORM

1) **What is your overall assessment of the course? (1= insufficient – 5=excellent)**

   1 ☐   2 ☐   3 ☐   4 ☑   5 ☐

2) **Which topics or aspects of the course did you find most interesting or useful?**

   Sensors & internet things

3) **Knowledge and information gained from participation at this course?**

   Met your Expectations   Yes   No   Somehow ✓

   Will be useful /Applicable in my work   Definitely ✓ Mostly Somehow Not at all

4) **Comments and Suggestions**

   _____

   _____

   _____

   _____

                                    Signature

Rayat Shikshan Sanstha's

Arts, Science & Commerce College, Ramanandnagar (Burli)

Department of Computer Application

Value Added Course 2019-20

Internet of Things (IOT)

Action Report on Feedback

The BCA department was organized Value Added Course in every year since 2015. The course duration was 30 days. The course aims to offer the best possible environment & learning experience to encourage students to their full potential & capability.

The feedback analysis process has put an increasing emphasis on the need for involvement of students in the course. After successful completion of each & every course we are taken feedback from students.

Following are the some feedbacks –

1. Students are quite satisfied with the time spent by teachers on practical session of the course.

    - In response of feedback – Teachers are able to take more practical sessions. Keeping in mind the time- framework of practical session, teachers accordingly plan for the extra practical hours.

2. Majority of the students agreed that the courses which were organized by department are helpful in future and improved the knowledge of students in day- to- day life or daily life.

3. Students are satisfied with the overall assessment and topics or aspects of courses which are useful, applicable in their work.

Head of Dept.
Department of Computer Application
Head of Department
Arts, Science & Commerce College
Ramanandnagar (Burli)

Question Paper

Date: 20/1/2020

Q.1) IOT is an advanced automation and analytics system which deals with?
Mark only one oval.
1. Sensor, Networking
2. Electronic
3. Cloud Messaging
4. All of the above

Q.2) Which of the following is not an advantage of IOT?
1. Mark only one oval.
2. Improved Customer Engagement
3. Security
4. Reduced Waste

Q.3) Which of the following is being used by Internet of Things?
1. Mark only one oval.
2. Satellite
3. Cable
4. Radio Identification Technology

.Q.4) The application of Internet of Cows which is cow location technology is
1. Mark only one oval.
2. Yes are internet of things
3. Not internet of things
4. Can't say

Q.5) In the current market scenario, IOT captures the maximum share in which one of these?
1. Mark only one oval.
2. Introduction of Things
3. Internet of Things
4. Internet of Tracking

Q.6What does IoT stand for?
1. Internet of Text
2. Internet of Technology
3. Internet of Things
4. International Online Trends
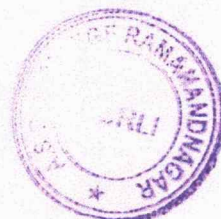
Q.7 Which of the following is NOT a component of IoT?
1. Sensors
2. Actuators
3. Microcontrollers
4. GPS

Q.8 Which wireless technology is commonly used in IoT for short-range communication?
1. WiMAX
2. Bluetooth
3. LTE
4. Zigbee

Q.9 Which layer of the IoT architecture is responsible for data processing and analytics?
1. Perception Layer
2. Network Layer
3. Application Layer
4. Middleware Layer

Q.10 Which protocol is commonly used for IoT communication over the Internet?
1. HTTP
2. FTP
3. SMTP
4. MQTT

Q.11 Which industry is NOT heavily impacted by IoT technology?
1. Healthcare
2. Agriculture
3. Entertainment
4. Manufacturing

Q.12 Which of the following is NOT a challenge of IoT implementation?
1. Security and privacy concerns
2. Interoperability issues
3. Scalability
4. Decreased data volume

Q.13 What is the primary purpose of IoT platforms?
1. To provide physical platforms for IoT devices
2. To manage and analyze data from IoT devices
3. To manufacture IoT devices
4. To regulate IoT standards

Q.14 Which programming language is commonly used for IoT development?
1. Java
2. Python
3. C++
4. HTML

Q.15 Which of the following is a benefit of IoT?

1. Increased security risks
2. Limited connectivity
3. Enhanced efficiency and productivity
4. Decreased data collection
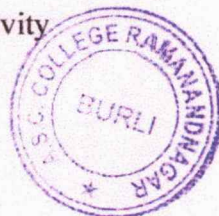
Rayat Shikashan Sanstha"s

Arts Science and Commerce College, Ramanandanagar(Burli)

Department of BCA

Add On course on Internet of things

<u>2019-20</u>

Marksheet

Roll No	Name of the Student	Marks
2351	INGALE SNEHAL POPAT	48/50
2352	JADHAV SAMAJYOTI SANJAY	46/50
2353	MALI SAURABH UTTAM	48/50
2354	PATIL SUSMITA HANMANT	44/48
2355	SAWANT ROHIT RAJENDRA	46/50
2356	SOLVANDE SNEHAL SUNIL	48/50
2357	JADHAV TEJASWINI DHANAJI	48/50
2401	INGALE SHIVANI SUNIL	48/50
2402	JADHAV MAHESH SURESH	48/50
2403	KADAM JAYDEEP JAYSING	48/50
2404	LAD SHRUTI RAMESH	48/50
2405	LOKHANDE VAISHALI MAHADEV	48/50
2406	MALI BHAGYASHRI HANMANT	48/50
2407	MISSING POOJA KRISHNA	48/50
2408	MOHITE VAISHNAVI VILAS	46/50
2409	PATIL ANJALI VIJAY	48/50
2410	SARDGUDDA ANKITA KRUSHNA	44/50
2411	VIBHUTE SHIVANI RAHUL	48/50
2412	WAINGADE PRATIKSHA GANESH	48/50

2413	MASKE YOGITA RAVAJI	48/50
2451	CHAVAN BHAGYASHRI TANAJI	48/50
2452	CHAVAN PRATHMESH SUBHASH	42/50
2453	HAJARE DNYANDEV RAJARAM	48/50
2454	MASKE VRUSHALI SANJAY	48/50
2455	PAILWAN SUYASH SHIVAJI	48/50
2456	PATIL KISHORI ANIL	48/50

Head of Department
Department of Computer Application
Arts, Science & Commerce College
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Arts, Science, Commerce College, Ramanandnagar, (Burli)
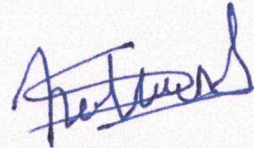
Department of BCA

Capsule/Value Added Course 2019-20
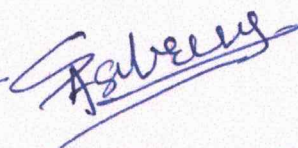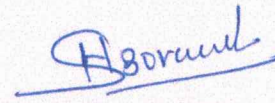
"Internet of things"

CERTIFICATE

This is to certify that Shri. / Smt. --------- Ingale Shivani Sunil -------------- of Arts, Science, Commerce College, Ramanandnagar(Burli) Participated Three Month's **Capsule/Value Added Course "Internet of things** "Organized by Department of BCA, From **19/12/2019 To 19/.01.2020.**

(Miss. Bhosale S. S.)
Co-ordinator

(Miss.Khirsagar S. P)
Chairman

(Prof. Borade N.S.)
Head of Dept

Principal
A. S. C. College, Ramanandnagar(Burli)