

**KITS**  
KRR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES  
AUTONOMOUS

**KRR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES**  
(Autonomous)

**madBlocks**

**Internet of Things HACKATHON**

3 - 5 January 2022

- Open Price
- Certificate
- Medals
- Refresh talks
- Industry Jury Participation
- Workshop Open for all

Organized by : **Departments of CSE, IT & ECE**

**madBlocks** **KITS**

**IoT Hackathon 2022**  
from 3<sup>rd</sup> to 5<sup>th</sup> January -2022

Hearty Welcome to  
**madBlocks Team**

**Dr. SAMEER CHAKRAVARTHY**  
IEEE Vice-Chair, Vahakapattani

**SA RAJESH**  
Project Manager, Infosys India

Organized by  
**Department of CSE, IT & ECE**

**KITS**  
**KRR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES**  
An Autonomous Institution

Approved by: AICTE, Approved by: ANTEC, (Kakinada)  
Recognized by: N.E.C with: 1<sup>st</sup> grade Recognition by: A.B.I  
VTNAYAMPADI, GUNTUR - ANDHRA PRADESH - 522017

KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES  
(Approved by AICTE, Affiliated to JNTUK, Kakinda)  
Accredited by NAAC with 'A' grade  
VINJANAMPADU, GUNTUR, ANDHRA PRADESH - 522017

Two Week Online Workshop  
on  
**PLC and SCADA**  
In association with  
Andhra Pradesh State Skill Development Corporation  
(APSSDC)

**REGISTRATION FORM**

1. Name:

2. Branch:

3. Class:

4. Phone:

5. E-mail:

**Declaration**

The information provided is true to the best of my knowledge if selected; I agree to abide by the rules and regulations of the Programme.

Date:

Place:

Signature

**Organizing Committee:**



In our college EEE Department initiated VOLTA ASSOCIATION to motivate and educate the students about current scenario and latest trends in electrical engineering by conducting technical events, workshops, industrial visits. Every academic year Volta association hosts different events for improvement of student skills improvement.

**Convener**

Dr. V.Moorthi Sany,  
Professor, HOD, EEE Dept.

**Student Members**

P. Sankanth - IV EEE- President  
T.Ravi chandra - IV EEE- Secretary  
D.Naga Revathi -IV EEE- coordinator

**Faculty Coordinators**

Mr.A.Jyothimayee, Asst. Professor,  
Mr.S.Venkatesh, Asst. Professor,

**Contact Information**

Mr. S.Venkatesh  
Ph: +91-9133125450  
Mail:svraju.260@gmail.com

**Two Week Online Workshop**  
On  
**PLC and VFD**

In association with  
Andhra Pradesh State Skill Development Corporation  
(APSSDC)  
2<sup>nd</sup> to 14<sup>th</sup> July 2021



Organizing department

**Electrical and  
Electronics Engineering**



KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES  
(Approved by AICTE, Affiliated to JNTUK, Kakinda)  
Accredited by NAAC with 'A' grade  
VINJANAMPADU, GUNTUR, ANDHRA PRADESH - 522017  
Ph: 0863 - 2386660-77-88



## ABOUT THE INSTITUTE

KKR & KSR Institute of Technology & Sciences (KITS) was established in the year 2008, by GSR & KKR EDUCATIONAL SOCIETY in Vinjanampadu village, Vatticheruvuru Mandal of Guntur District. It is approved by AICTE, New Delhi and affiliated to JNTUK, Kalanada. The institute offers Under graduate programmes in the Departments of Electrical and Electronics Engineering (EEE), Computer Science and Engineering (CSE), Electronics and Communications Engineering (ECE), Civil Engineering (CE) and Mechanical Engineering. It also offers PG Programmes in MBA, M.Tech (CSE), M.Tech (VLSI), M.Tech (PE&D), M.Tech (DECs).

## ABOUT DEPARTMENT OF EEE

### VISION:

Excel in education, research and technological services in electrical engineering.

### MISSION:

- Impart quality education to produce successful entrepreneurs and globally competent engineers for meeting the current and future needs of power industry.
- Engage in research and development in cutting edge and sustainable technologies.
- Enhance industrial collaboration and professional ethics to serve the society.

The Department of Electrical and Electronics Engineering was established in the year 2008. The department has been actively engaged in teaching and research in diverse fields of Electrical and Electronics Engineering. It offers B.Tech in EEE with an intake of 60 students and M.Tech in Power Electronics and Drives with an intake of 13 students. The department of EEE has adequate and well qualified faculty spanning all major areas of Electrical Engineering. Apart from regular academics the Department Association organizes activities such as seminars, guest lectures, workshops, industrial visits etc to encourage and motivate students to achieve their goals. The Department also encourages the students to involve in different projects and to participate in technical, social and cultural events organized by other Institutions.

## ABOUT THE PROGRAMME

The main objective of this workshop is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the PLC & SCADA and Practical knowledge in emerging Technologies, basic knowledge on PLC.

## OBJECTIVES OF THE PROGRAMME

- ▶ Awareness of Internet of Things
- ▶ Imparting job-oriented training on Internet of Things
- ▶ Hands on with Internet of things.

## RESOURCE PERSONS

Mr.R.Vignesh, Mr Vishal kumar, AGIT

## TOPICS TO BE COVERED

- Introduction to PLC.
- Introduction to SCADA.
- Introduction to 8051 family.
- Introduction to Keil- IDE
- Proteum software.
- Arduino Programming
- Linux Basics, Linux GUI.
- Raspberry Pi Board
- Raspberry Pi vs. Arduino
- Raspberry Pi IoT
- Network Programs
- Python Client Demo & Python Server Demo.

## COURSE HIGHLIGHTS

**Certification:** APSSDC Will Provide Certificate to the Students.

**Study Material:** - Study materials given to each participant.

## BENEFITS OF THE WORKSHOP

APSSDC Will Provide LMS Account for

- Day wise Topics material
- Topics Related Video's
- Assessments

## ELIGIBILITY

The program is open to students of EEE, ECE, branches.

## REGISTRATION PARTICULARS

Application in the prescribed format duly signed by the Head of the Department and should reach the co-ordinator on or before 15.11.2021. The soft copy of application (scanned copy) can also be sent to the co-ordinator.

## REGISTRATION FEE

For all participants Fee: Rs.250/-

## SPONSORSHIP CERTIFICATE

Mr./Mrs./Ms. \_\_\_\_\_  
\_\_\_\_\_ is a student  
of \_\_\_\_\_ (YEAR) in \_\_\_\_\_ (Dept) and is here  
by permitted to participate in Two Week Online  
Workshop on "PLC & SCADA."

Place:  
Date:

Signature of Head of the  
Department (With seal)

Internet of Things  
**HACKATHON**

3 - 5 January 2022



- CASH PRIZE
- Certificates
- Goodies
- Startup talks
- Industry Jury Evaluation
- Internship Opportunities

Organized by : **Departments of CSE, IT & ECE**





The poster features a pink background with a decorative border. At the top left is the 'madBlocks' logo, at the top center is the 'KITS' logo, and at the top right is the 'All India Hackathon Council' logo. The main title 'IoT Hackathon 2022' is in large red font, followed by the dates 'from 3<sup>rd</sup> to 5<sup>th</sup> January -2022' in black. Below this is a green 'Hearty Welcome to' and a large red 'madBlocks Team'. Two portraits are shown: Dr. Sameer Chakravarthy on the left and SA Rajesh on the right. Below each portrait is their name and title. The text 'Organized by Department of CSE, IT & ECE' is centered. At the bottom is the 'KITS' logo, the full name of the institute, and accreditation details.

**madBlocks** **KITS** All India Hackathon Council

# IoT Hackathon 2022

from 3<sup>rd</sup> to 5<sup>th</sup> January -2022

Hearty Welcome to  
**madBlocks Team**



**Dr. SAMEER CHAKRAVARTHY**  
IEEE Vice-Chair Vishakapatnam

**SA RAJESH**  
Project Manager, Infosys India

Organized by  
**Department of CSE, IT & ECE**

# KITS

**KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES**  
An Autonomous Institution

*(Approved by AICTE, Affiliated to JNTUK, Kakinda)*  
*Accredited by NAAC with 'A' grade/Accredited by NBA*

VINJANAMPADU, GUNTUR, ANDHRA PRADESH - 522017

**KKR&KSR Institute of Technology and Sciences**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada  
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

**Hackathon on Internet of Things from 3<sup>rd</sup> January to 5<sup>th</sup> January, 2022 at  
KKR & KSR Institute of Technology and Sciences, Vinjanampadu,  
Guntur by MadBlocks Academy**

**1. Objective of the Event:**

The purpose of a hackathon is to tackle a specific problem during a period of time. Typically, a hackathon addresses numerous concerns, each of which is addressed in its own track. The Department of Information Technology, KKR & KSR Institute of Technology and Sciences is hosting a three-day workshop on Internet of Things Hackathon to acquire innovative skills. An Hackathon is a design sprint-style event in which computer programmers and others involved in software development, such as graphic designers, interface designers, project managers, and others, frequently including domain experts, work together on projects intensively. Typically, hackathons begin with one or more talks about the event as well as the topic at hand. Then, based on their particular interests and skills, people propose ideas and establish teams. The hackathon's primary work begins after that, which can take up to 36 hours.

The major goal of the hackathon is for participants' minds to build innovative talents. Hackathons and other intense problem-solving situations make it easier to come up with new ideas and concepts. The basic goal of a hackathon is to identify a problem and work together to develop technologies to tackle that problem. The Hackathon gives participants the opportunity to learn something new.

**2. About MadBlocks:**

MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a private limited company incorporated on May 8, 2019 in Rangareddi, India. According to official documents, MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a mca provider with the industrial and NIC code of 93090. MadBlocks is on a mission to create a community that reintroduces innovation to campus, and these ideas lead to high-potential enterprises. MadBlocks is dedicated to delivering our strengths in order to assist our clients in empowering their stakeholders to achieve higher heights, resulting in a better society and a better way of life. The key goal is to instil creativity on campus so that it becomes a culture. Opportunities abound wherever Innovation thrives.

The expertise from the MadBlocks team mentor students who thinks out-of-box, and inculcate the innovation culture in the space. They conduct knowledge-sharing sessions, hackathons and summits for the makerspace to get startups launched.

The Following Experts shared their views on Hackathon:

1. Dr. Sameer chakravarthy, IEEE Vice-Chair, Visakhapatnam
2. Mr.SA.Rajesh, Project manager, Infosys
3. K.Nareesh Babu, Sr Design engineer along with
4. Madhu Parvathaneni, CEO MadBlocks

### **3. Venue of the Event:**

The event is organized in KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in old Seminar Hall.

### **4. Date & Time of the Event:**

The Event is organized from 3<sup>rd</sup> January, 2022 to 5<sup>th</sup> January, 2022.

### **5. No. of persons participated: 460**

### **6. Benefits in terms of learning/Skill/Knowledge obtained.**

After completion the Hackathon, the students benefitted like as follows

1. Know How to extract new ideas and concepts.
2. Can convert ideas into minimum usable products.
3. Increased their Innovative Power
4. Understands the needs of new Innovations for the society.
5. Improves the skills on New Technologies.
6. Interaction with Industry Experts.
7. Leans from Active Teaching Learning Methodologies.
9. Can Improve professional, interpersonal skills & leadership qualities.

### **7. Event photographs.**



# Internet of Things HACKATHON

3 - 5 January 2022



- Open Price
- Certificate
- Medals
- Refreshments
- Industry Jury Participation
- Workshop Open for all

Organized by : **Departments of CSE, IT & ECE**

## IoT Hackathon 2022

from 3<sup>rd</sup> to 5<sup>th</sup> January -2022

Hearty Welcome to  
**madBlocks Team**



**Dr. SAMEER CHAKRAVARTHY**  
IEEE Vice-Chair, Vishakhapatnam



**SA RAJESH**  
Project Manager, Infosys India

Organized by  
**Department of CSE, IT & ECE**

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VTNAYAMPADI, GUNTUR - ANDHRA PRADESH - 522017















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Accredited by NAAC with 'A' grade  
VINJANAMPADU, GUNTUR, ANDHRA PRADESH - 522017

**A Six-day Workshop  
on**

**Python Programming**

In association with

**Andhra Pradesh State Skill Development Corporation  
(APSSDC)**

**REGISTRATION FORM**

1. Name:

2. Branch:

3. Class:

4. Phone:

5. E-mail:

**Declaration**

The information provided is true to the best of my knowledge if selected, I agree to abide by the rules and regulations of the Programme.

Date:

Place:

Signature

**Organizing Committee:**



In our college EEE Department initiated VOLTA ASSOCIATION to motivate and educate the students about current scenario and latest trends in electrical engineering by conducting technical events, workshops, industrial visits. Every academic year Volta association hosts different events for improvement of student skills improvement.

**Convener**

Dr. Moorthy Veerasamy,  
Professor, HOD, EEE Dept.

**Student Members**

P. Ganesh - IV EEE- President  
T.Hari chandra - IV EEE- Secretary  
D.Naga Lakshmi -III EEE- coordinator

**Faculty Coordinators**

Mr.A.Jyothimayee, Asst. Professor,  
Mr.S.Venkatesh, Asst. Professor,

**Contact Information**

Mr. S.Venkatesh  
Ph: +91-9133125450  
Mail:svraju.260@gmail.com

**A Six day Workshop**

On

**Python Programming**

(IoT)

In association with

Andhra Pradesh State Skill Development Corporation  
(APSSDC)

08<sup>th</sup> to 13<sup>th</sup> November 2021



python

Organizing department

**Electrical and  
Electronics Engineering**

**KITS**



KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES

(Approved by AICTE, Affiliated to JNTUK, Kakinda)

Accredited by NAAC with 'A' grade

VINJANAMPADU, GUNTUR, ANDHRA PRADESH - 522017

Ph: 0883 - 2286666/7788

## ABOUT THE INSTITUTE

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- Engage in research and development in cutting edge and sustainable technologies.
- Enhance industrial collaboration and professional ethics to serve the society.

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## ABOUT THE PROGRAMME

The main objective of this workshop is to learn python programming on anaconda3 in Jupyter notebook and GitHub, how to build a software. To make inter disciplinary projects in Engineering and to improve the programming skills.

## OBJECTIVES OF THE PROGRAMME

- ▶ Awareness of Internet of Things
- ▶ Imparting job-oriented training on Internet of Things
- ▶ Hands on with Internet of things.

## RESOURCE PERSONS

Ms. Sri Lalitha and Ms. Vanitha

## TOPICS TO BE COVERED

- Introduction to Python,
- Introduction to Java
- Introduction to anaconda3,
- Introduction to Kail- IDE
- Jupyter notebook
- Arduino Programming
- Raspberry Pi vs. Arduino
- GitHub
- Network Programs
- Python Client Demo & Python Server Demo

## COURSE HIGHLIGHTS

**Certification:** APSSDC Will Provide Certificate to the Students.

**Study Material:** - Study materials given to each participants.

## BENEFITS OF THE WORKSHOP

APSSDC Will Provide LMS Account for

- Day wise Topics material
- Topics Related Video's
- Assessments

## ELIGIBILITY

The program is open to students of EEE, ECE, branches.

## REGISTRATION PARTICULARS

Application in the prescribed format duly signed by the Head of the Department and should reach the co-convenor on or before 08.10.2021. The soft copy of application (scanned copy) can also be sent to the convenor.

## REGISTRATION FEE

For all participants Fee: Rs.250/-

## SPONSORSHIP CERTIFICATE

Mr./Mrs./Ms \_\_\_\_\_

\_\_\_\_\_ is a student

of \_\_\_\_\_ (YEAR) in \_\_\_\_\_ (Dept.) and is here

by permitted to participate in A Six day Workshop on

"Python Programming" In association with

APSSDC.

Place:

Date:

Signature of Head of the  
Department (With seal)



**KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES**  
(Autonomous)  
APPROVED BY AICTE, DIST COLLEGE MANAGEMENT ASSOCIATION TO AFFILIATE, DISTRICT COLLEGE  
ACCREDITED THROUGH WU CHINA AND ICAI  
INTERNATIONAL, WU (WUHAN) CHINA, CHANGCHUN

**KITS** 

**Dept. of Electronics and Communication Engineering**  
In collaboration with **APSSDC**

**A Two Week Virtual Workshop on**  
**AWS CLOUD COMPUTING**

**Resource Person**  
**MR:G.Srikanth**  
AWS Cloud Computing Resource Person  
Dates: June 14th to June 28th 2021  
Timings: 10:00AM to 1:00PM

**Organizing Institutions**

**Mr.M.Narasimha**  
Professor, Principal

**Mr.Ashok Babu**  
Assistant Professor

**Mr.M.Venky**  
Assistant Professor

**Mr.M.Nageswara**  
Assistant Professor

**Mr.N.Srinivasa**  
Assistant Professor

**Chairman**  
**Shri.Koyi Subba Rao**

**Secretary**  
**Shri. Koyi Shaker**

**Patrons**

**Dr.P.Babu** (Principal)  
**Dr.K.Hari Babu** (Assistant Professor)

**Convener**  
**Dr.S.K.Sadulla**  
Head of the Department  
Dept. of ECE

**Support**

**Prof.V.Murali Krishna**  
Dept. of ECE  
Ph: 7899543633

**Prof.K.Madhusudana Rao**  
Dept. of ECE  
Ph: 9287300063

## **KKR&KSR Institute of Technology and Sciences**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation to JNTUK.

Accredited with "A" Grade by NAAC & NBA Accredited

**AUTONOMOUS**

### **“A One-week Workshop On AWS Cloud Computing by APSSDC From 25<sup>th</sup> october to 30<sup>th</sup> october 2021”**

#### **1. Title of the Event:-**

“A One-week online Workshop On AWS Cloud Computing by APSSDC From  
25<sup>th</sup> October to 30<sup>th</sup> october 2021”

#### **2. Objective of the Event:**

The main objective of the event is to bring awareness among the students on the emerging AWS cloud computing technology in software industry. This also helps students to get placed in MNC's with a high package. With this workshop student will get about practical knowledge apart from theoretical knowledge which they have learnt from their Technical curriculum.

#### **3. About the program:**

The program was coordinated by Mr.Rama Krishna and Ram deepu. The main objective is cloud computing, cloud service models, cloud implementation types, and advantages of cloud computing.

- On the first day, initially they given introduction about cloud computing, infrastructure as service, platform as a service, private cloud, public cloud, hybrid cloud, internal cloud, external cloud, and data centre.
  - On second day, Elastic compute cloud, Autoscale, ELB, Networking services, AWS storage services over view, Data base services, AWS Regions and AWS GLOBAL Infrastructure.
  - On third day, creating VPC with class A range, and creating three subnets as private, and created the Internet gate way, Root table associate the subnets.
  - On fourth day, creating instances, keypairs, S3, networking& content delivery.
  - On fifth day, conducting QUIZ in KAHOOT, Elastic IP'S, tags.
  - On six day, snapshots, Events, Volumes, and quiz also, and deleting operations on keypairs, instance, vpc's.



#### 4. Details of Resource Person:

Trainer cum developers at APSSDC who are one among the best selected in APSSDC and trained in short time even capable to excel their skill and guide the other students for future jobs with their way of introducing about cloud computing to students from basic to end.

#### 5. Venue of the Event, Date & Time:

The event is organized from 25<sup>th</sup> October to 30<sup>th</sup> October 2021 by APSSDC.

#### 6. No of Students Participated: 61

#### 7. Department of Participants: EEE

#### 8. No of Faculties Participated: 4

#### 9. Promotion of the Event on the Social Media Website: (Link):

[https://m.facebook.com/story.php?story\\_fbid=7272181102853854&id=100001855098178](https://m.facebook.com/story.php?story_fbid=7272181102853854&id=100001855098178)

#### 10. Google drive link: [https://drive.google.com/file/d/1L6g\\_H6v2RvZtmyzx7cNcSf294F-cC?f\\_view&usp=sharing](https://drive.google.com/file/d/1L6g_H6v2RvZtmyzx7cNcSf294F-cC?f_view&usp=sharing)

#### 11. Promotion of the Event on the college Website:

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id=29%20&page=Workshops](https://kitsguntur.ac.in/site/department_det.php?dept_id=29%20&page=Workshops)

#### 12. Event Screenshots:





**13. Benefits in terms of learning/skill/knowledge obtained:**

Due to this workshop students will get the idea about cloud computing and creating instances.

**14. Expenditure Amount ( If any):** RS.24,400/-

**15. Remarks:** The workshop is organized smoothly with practical orientation.

**16. Experiences and Output of the Session:**

Students are very happy about the workshop because they got proper view about how the cloud computing instances are created and the uses of aws. As, we all know how practical knowledge and hands on practice helps them in getting job and I job in future.



**BROUCHER**

**ABOUT THE  
COLLEGE**



**KITS**

KJR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES, popularly known as KITS, was established in the year 2006, by CSR & KSR EDUCATIONAL SOCIETY in Vijayanpattu village, Vetacherukuru Mandal of Guntur. The college offers 5 Under graduate and 3 Post graduate programmes in engineering and management approved by AICTE. The college has a rightly academic ambience with a strength of 2600 students pursuing various programmes.

**ONE-WEEK  
WORKSHOP ON  
AWS CLOUD  
COMPUTING**

**ABOUT THE WORKSHOP**

The main objective of the event is to bring awareness among the students on the emerging AWS cloud computing technology in software industry. This also helps students to get placed in MNC's with a high package. With this workshop student will get about practical knowledge apart from theoretical knowledge which they have learnt from their technical curriculum.

**CONTACT US**

EEE DEPARTMENT  
+91 9940493969

[rajesh.flux@gmail.com](mailto:rajesh.flux@gmail.com)

[www.kitsguntur.ac.in](http://www.kitsguntur.ac.in)

**REGISTRATION**

**FREE**

**DATES**

**25,OCT TO 30,OCT,  
2021**





## **KKR&KSR Institute of Technology and Sciences**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada  
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

### **A Two Week Virtual Workshop On**

**“AWS Cloud Computing”**

**(14<sup>th</sup> JUNE to 25<sup>th</sup> JUNE , 2021)**

**Organized by KKR & KSR Institute of Technology and Sciences**

**Association with APSSDC**

#### **About the Institution:**

KKR & KSR Institute of Technology & Sciences popularly known as KITS has set for itself the mission to churn out professional deft, academically-bright and socially responsible individuals to contribute its wee bit to the knowledge society. The college is situated in a spacious 11 acres of land in an idyllic rural setting. Despite being a college with 12 years of academic standing, the college is making rapid strides in establishing good practices in teaching-learning processes. It's a pleasure to disclose the achievements made by the students of KITS in all spheres, of participation at the university level. It's proud moment for our institution and students who have topped the university in various faculties of Engineering. The college has good infrastructure and is making concrete efforts in building an industry-institute beneficial corridor through addressing both the potential resources of the region and also meeting the transnational technical requirements. Though main impetus of our college is technology it also supports and encourages students to involve in various social service activities like Blood Donation, Donations to orphanages, old age homes, and poor feeding. College has NAAC accreditation of "A" Grade for 5 years, NBA accreditation for 3 years and permanent affiliation of JNTUK Kakinada. College got autonomous state in the year 2020.

#### **About the Speakers:**

**Mr. Srikanth Goli**

Associate Cloud Systems Administrator at Andhra Pradesh State  
Skill Development Corporation

Mr. Srikanth Goli -- Experienced Cloud System Administrator with a demonstrated history of working in the non-profit organization management industry. Skilled in Microsoft Word, Networking, HTML, Windows System Administration, and Microsoft Excel. Strong information technology professional with a Master of Technology (M.Tech.)



## 1. Objectives of the Workshops:

The main objective of these workshop is to create awareness on importance of cloud computing and application and also improve the knowledge. This session is enriched with the well experienced resource persons who has great skill and knowledge on Cloud computing.

The following are the key objectives of the workshops.

- To create awareness on cloud computing.
- To know the importance and applications.

## 2. Venue of the Event:

The event is organized in online using Go To Meeting App.

3. **Date & Time of the Event:** This is organized on 14<sup>th</sup> to 25<sup>th</sup> June 2021, 10 A.M to 1 P.M.

4. **No. of students participated:** 74

5. **No. of faculties participated:** 15

6. **Event photographs.**

**KARIMNAGAR INSTITUTE OF TECHNOLOGY AND SCIENCES**  
(Autonomous)  
 APPROVED BY AICTE, BIRD HILLS UNIVERSITY APPOINTED TO JERAPET, TAMIL NADU  
 APPROVED BY V CEE of IIT  
 WARRANGAL, WARRANGAL DISTRICT, ANDHRA PRADESH




**Dept. of Electronics and Communication Engineering**  
 In collaboration with APSSDC

**A Two Week Virtual Workshop on  
 AWS CLOUD COMPUTING**

**Resource Person**  
**MR.G.Srikanth**  
 AWS Cloud Computing Resource Person

**Date:** June 14th to June 25th 2021  
**Timings:** 10.00AM to 1.00PM

**Organizing Committee**

**Dr.M.Ramesh**  
Principal

**Dr.Ashok Babu**  
Assistant Professor

**Dr.M.Venki**  
Assistant Professor

**Dr.M.Nagaraju**  
Assistant Professor

**Dr.H.S.Srinivas**  
Assistant Professor

**Dr.P.Babu**  
Principal

**Dr.K.Kari Bahu**  
Assistant Professor

**Dr.Sk.Sadulla**  
Head of the Department  
Dept. of ECE

**Dr.H. Koyl Subba Rao**  
Chairman

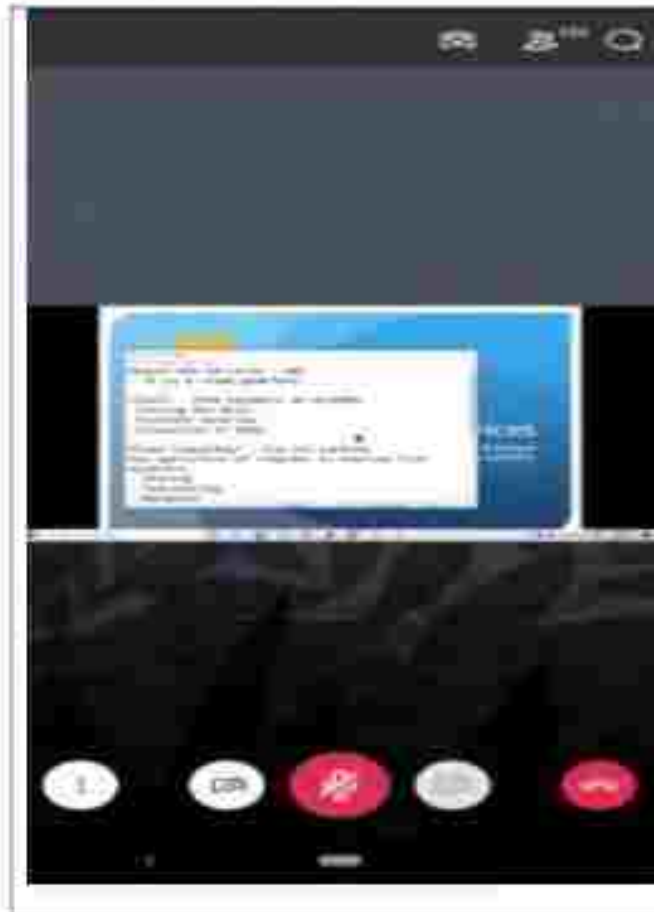
**Dr.H. Koyl Shekar**  
Secretary

**Faculty Members**

1	15.01.0001- P.D.INDRANATH THIRUMAI
2	15.01.0002- Workshop Days
3	15.01.0003- M.L. SURESH
4	15.01.0004- K. SURESH
5	15.01.0005- N. SURESH
6	15.01.0006- S. SURESH
7	15.01.0007- A. SURESH
8	15.01.0008- K. SURESH
9	15.01.0009- S. SURESH
10	15.01.0010- M. SURESH
11	15.01.0011- G. SURESH
12	15.01.0012- K. SURESH
13	15.01.0013- S. SURESH
14	15.01.0014- S. SURESH
15	15.01.0015- S. SURESH
16	15.01.0016- S. SURESH
17	15.01.0017- S. SURESH
18	15.01.0018- S. SURESH
19	15.01.0019- S. SURESH
20	15.01.0020- S. SURESH
21	15.01.0021- S. SURESH
22	15.01.0022- S. SURESH
23	15.01.0023- S. SURESH
24	15.01.0024- S. SURESH

**Prof.V.Murali Krishna**  
Dept. of ECE  
 Ph: 788023666

**Prof.K.Madhusudana Rao**  
Dept. of ECE  
 Ph: 9287053063



## 7. Benefits in terms of learning/Skill/Knowledge obtained.

According to these topics have great importance and very useful for students in terms of software cloud computing. Students got knowledge on Web Services and applications. Get awareness on the topics is beneficial.

## 8. One Participant Feed Back:

I am Prof.K.Madhusudhana Rao, working as a Professor in ECE department in KKR & KSR Institute of Technology and Sciences. I have organized and attended the workshops on "AWS cloud computing" on (14<sup>th</sup> to 25<sup>th</sup> June 2021) Organized by KKR & KSR Institute of Technology and Sciences in association with APSSDC. Now a days web providing maximum services so getting awareness and knowledge on AWS cloud computing is also beneficial. First of all I want to thank my college management who provided such facility for all of us and Head of the Department (convener), Coordinators and organizing team for organizing these workshops. In this regard my sincere thanks to APSSDC, who have been conducting such type of workshops.



9. Promotion of the Event on the University/college Website :( Link and Screenshot)

[https://kkr.kitsgroup.ac.in/silo/department\\_det.php?dept\\_id=1570&page=Workshops](https://kkr.kitsgroup.ac.in/silo/department_det.php?dept_id=1570&page=Workshops)



10. Video-link of the Workshops (Go to Meeting Link):

<https://global.gotomeeting.com/join/979272413>

11. Expenditure Amount ( If any): **RS.10,000.**

12. Remarks: The Program is organized smoothly with practical orientation.

13. Experiences and Output of the Session

Many Students from inside college are attended the workshops on "AWS cloud computing" on (14<sup>th</sup> to 25<sup>th</sup> June 2021) Organized by KKR & KSR Institute of Technology and Sciences in association with APSSDC.

Outcomes of the Session

Mr. G. Srikanth as resource person for "AWS cloud computing" workshop. The session is Very useful and informative. Eminent Resource Person explained very clear about the current web services advantages and applications.

100

*Dr. SK. SADULLA*  
Head of The Department  
Electronics & Communication Engineering  
KKR & KSR Institute of Technology and Sciences

**KKR&KSR Institute of Technology and Sciences  
(Autonomous)**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada  
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

**One week Boot Camp on IoT/Machine Learning  
from 15<sup>th</sup> to 19<sup>th</sup> November, 2021 By MadBlocks Team**

**1. Objective of the Event:**

Boot camps and interactive online platforms are fantastic resources for learning new skills. There are numerous options available when it comes to Machine Learning and Internet of Things. Some offer training on-site, while others offer it online. Some are more interested in video classes, while others are more interested in real-world coding assignments. To build innovative skills, the Department of Information Technology, KKR & KSR Institute of Technology and Sciences hosts a one-week IoT/ML Boot Camp. The Boot Camp's major objective is to teach students how to write code and how to use sophisticated technologies to find appropriate solutions to specific challenges. Our main aim is to advance the candidate's abilities, competency, and technology by providing them with hands-on experience, real-life application skills, and simulations. As a result, the primary goal of this boot camp is to explain basic IoT principles, methodologies, and applications, other machine learning models.

**2. About the MadBlocks:**

MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a private limited company based in Rangareddi, India and was incorporated on 08/05/2019. MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a mca provider company with the industrial and NIC code of 93090 as per the official records.

**Mr. Madhu Parvathaneni, CEO, madBlocks Academy**

Madhu Parvathaneni, the CEO of MadBlocks, has been in the market since 2010 and has developed a product called "Mad Makerspace" that is critical today since engineers are problem solvers. With initiatives like Learn on Campus, Innovate on Campus, and Start on Campus, we are continually competing with our competitors. MadBlocks' goal is to instill creativity on campus so that it becomes a culture. Opportunities abound wherever Innovation thrives.

**3. Date & Venue of the Event:**

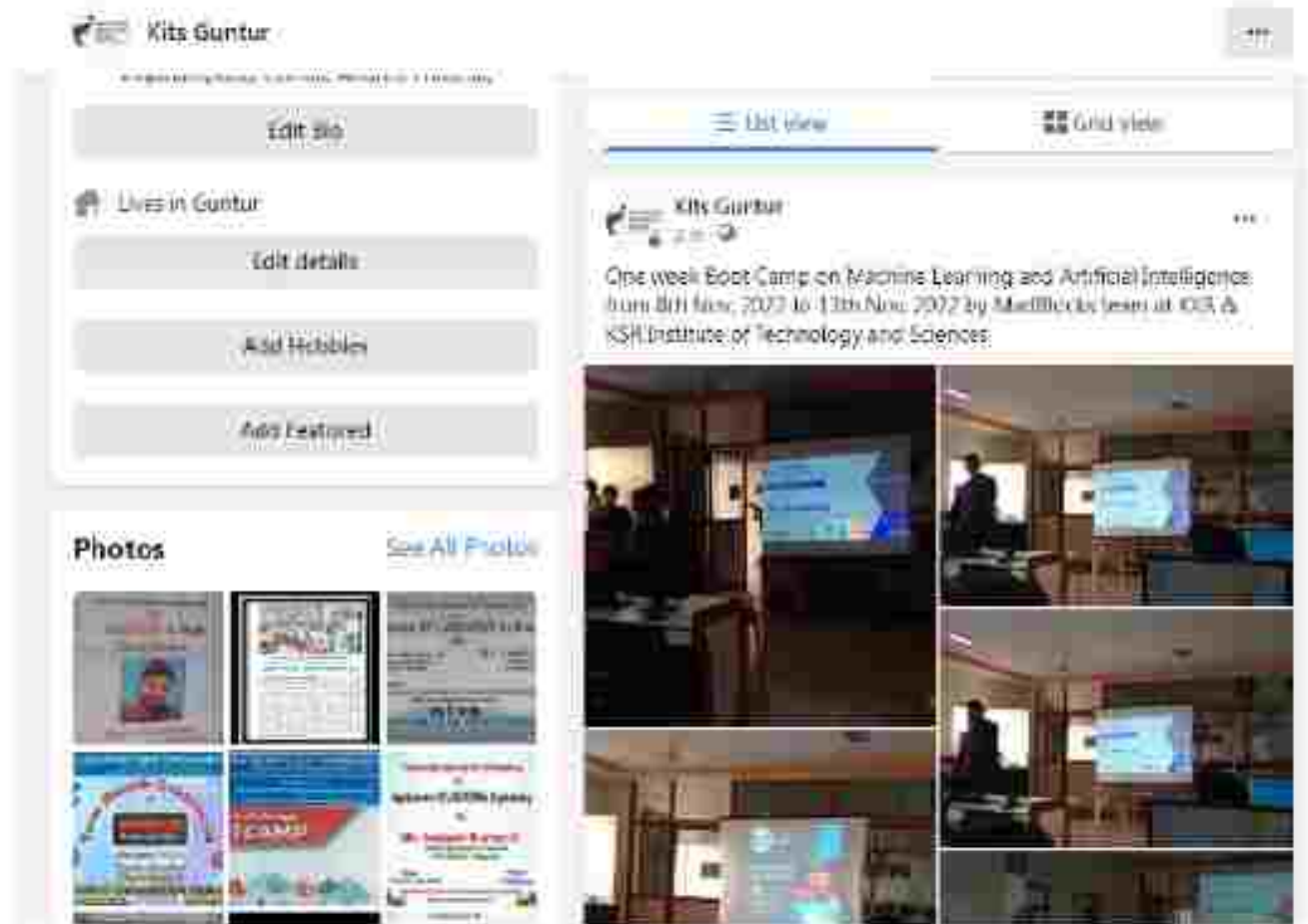
The event is organized in KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in Computer Proficiency Lab from 8:00 AM to 5:00 PM.



From 15<sup>th</sup> November, 2021 to 19<sup>th</sup> November, 2021.

6. No. of Participants: 406

6. Social Media Link: <https://www.facebook.com/kits.guntur.18>



7. Event Photographs:









#### 8. Benefits in terms of learning/Skill/Knowledge obtained.

A machine learning boot camp puts aspiring machine learning professionals through a comprehensive and rigorous machine learning course curriculum where they not only learn machine learning and its best practices, but also master real-life machine learning skills under the mentorship of an industry expert. Resource persons Madhu Parvathaneni and his Team gave their best to the students and enlightened students with their sound knowledge on Internet of Things. He explained that Internet of Things (IoT) is a research field that studies how to handle the things over the internet. The ultimate goal of IoT is to make the use of computer over internet to solve problems autonomously. However, we do have many successful applications.

In this boot camp, he discussed various topics like, problem solving, reasoning, planning, language understanding, computer vision, automatic programming, and machine learning, and so on. These topics are closely related with each other. For example, the knowledge acquired through learning can be used both for problem solving and for reasoning. In fact, the skill for problem solving itself should be acquired through learning. Also, methods for problem solving are useful both for reasoning and planning. Further, both natural language understanding and computer vision can be solved using methods developed in the field of pattern recognition. He and team added need and importance of Internet of Things and Machine Learning very clearly.

9. Expenditure Amount ( If any): 40000/-



*[Handwritten Signature]*

HOD

Dept. of Information Technology  
K. J. Somaiya Institute of Technology & Sciences  
Vileparane, GATK-422 017

**KKR&KSR Institute of Technology and Sciences  
(Autonomous)**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada  
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

**Session on Problem Solving through Ideathon using IoT and Machine  
learning on 20/12/2021 to 22/12/2021 by MadBlocks Team**

**1. Objective of the Event:**

The major objective of this event is to encourage young people to come up with creative solutions to problems utilising Internet of Things(IoT) and Machine Learning. To build innovative skills, the Department of Information Technology, KKR & KSR Institute of Technology and Sciences hosts an IoT/ML Ideathon Workshop. An ideathon workshop is a place where people can come up with new ideas. An ideathon session's major purpose is to instill a culture of invention and to elicit a sense of creativity. It also intends to allow people to freely share and brainstorm as many ideas as possible in order to solve problems.

**2. About the Chief Guest:**

**Mr. Madhu Parvathaneni, CEO, madBlocks Technologies Pvt Ltd.**

Madhu Parvathaneni, the CEO of MadBlocks, has been in the market since 2010 and has developed a product called "Mad Makerspace" that is critical today since engineers are problem solvers. With initiatives like Learn on Campus, Innovate on Campus, and Start on Campus, we are continually competing with our competitors. MadBlocks' goal is to instil creativity on campus so that it becomes a culture. Opportunities abound wherever Innovation thrives. He received an Intel award for his efforts to promote technology in higher education.

**3. Date and Venue of the Event:**

The event is organized in KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh on 20<sup>th</sup> to 22<sup>nd</sup> December, 2021 in association with MadBlocks team from morning 8.00 AM to Evening 6:00 PM

**4. No. of persons participated: 450**

**5. Details of Social Media: <https://www.facebook.com/kits.guntur.18>**





## 6. Event Photographs









### 7. Benefits in terms of learning/Skill/Knowledge obtained.

To encourage innovation in any form, the competition is an open challenge in IoT. Rather than set a single, universal goal for all teams, this competition will invite teams to each create their own goal and solution to a grand challenge. From improving the efficiency of treatments and avoiding costs by minimizing the risks of false diagnosis, to visual commerce in retail to building the vehicle that can communicate with city's infrastructure. Think of it as helping to bring a good idea to life. This IDEATHON event is a Community Project Accelerator. This is a chance to share your ideas, information, resources or skills to help move a community project forward. Propose a Startup idea or pitch your own Community Project and receive help from others. All the applications of this technology culminate in increased comfort, convenience, and better management, thereby improving the quality of life.

8. Expenditure Amount ( If any):20000/-



Head of Institutional Technology  
(IoT) Cell, KITs  
Vijayawada, Andhra Pradesh



**KKR&KSR Institute of Technology and Sciences  
Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation to JNTUK,  
Accredited with "A" Grade by NAAC & NBA Accredited  
**AUTONOMOUS**

**A Six Day Workshop on "Python Programming", In association with Andhra Pradesh State Skill Development Corporation (APSSDC)  
On January 27<sup>th</sup> Jan to February 2<sup>nd</sup> 2021.**

**1. Title of the Event:**

A Six Day Workshop on "Python Programming", In association with Andhra Pradesh State Skill Development Corporation (APSSDC)

**2. Objective of the Event:**

The main objective of the event of the workshop by APSSDC is to learn python programming on anaconda3 in Jupyter notebook and Github, how to build a software. To make inter disciplinary projects in Engineering and to improve the programming skills.

**3. About the program:**

The program was coordinated by Ms.Sri Lalitha and Ms.Vanitha. After Inaugural session as an extension Ms.Sri Lalitha gave a brief explanation on python programming. Entire program covers the various concepts in python, and cumulatively taught, how to create a Google-Doc and introduction to Github.

**4. Details of Resource Person:**

Ms. Sri Lalitha and Ms. Vanitha are trainer cum developers at APSSDC who are one among the best selected in APSSDC and trained in short time even capable to excel their skill and guide the other students for future jobs with their way of introducing to students from basic to end.

**5. Venue of the Event:**

The event is organized at APSSDC lab, KKR & KSR Institute of Technology & Sciences, Vinjanampadu, Andhra Pradesh on January 27<sup>th</sup> to February 2<sup>nd</sup> 2021.

**6. No. of Students Participated: 58**

**7. Department of Participants: EEE**

**8. No. of Faculties Participated: 4**

**9. Student Feedback form :-**

**10. Google drive link of the event :**

[https://photos.google.com/share/AF1QipOrrfLN9BJEg2C4fWZ986dLj\\_7069b1rb1iODx4blTzCV](https://photos.google.com/share/AF1QipOrrfLN9BJEg2C4fWZ986dLj_7069b1rb1iODx4blTzCV)



hKfEouq9wvhlHMjHLa7ccA7key-VXq4NThXa0paWGc5VGIT8nhHSmZEM0hLTJVLU1BB

**11. Event link in the college website:**

[http://kitsguntur.ac.in/site/department\\_det.php?dept\\_id=2%20&page=Workshops](http://kitsguntur.ac.in/site/department_det.php?dept_id=2%20&page=Workshops)

**12. Event link in social media:**

[https://m.facebook.com/story.php?story\\_fbid=5203875483017570&id=100001855099178](https://m.facebook.com/story.php?story_fbid=5203875483017570&id=100001855099178)

**13. Event Photographs from different angles covering all the students :**



**14. Benefits in terms of learning/skill/knowledge obtained:**

Due to Workshop students, who participated had received a certificate given by APSSDC. Each of us came to know information and importance about PYTHON programming. Students also improved their knowledge in developing different applications which are useful for Engineering through PYTHON skills and came to know about the software developing by using GITHUB.

**15. Expenditure Amount ( If any):** 400

**16. Remarks:** The Workshop is organized smoothly with practical orientation.

**17. Experiences and Output of the Session:**

Students are happy after attending the Workshop as they came to know about different concepts of Python Problems, Workshop on Python Programming also will help them in getting job in future.

Department of  
**KCR & KSR Institute of Technology & Sciences**  
Vinjanampedu, Guntur-522 017.



## **KKR&KSR Institute of Technology and Sciences**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation to JNTUK.

Accredited with "A" Grade by NAAC & NBA Accredited

**AUTONOMOUS**

### **“A Two-week online Workshop On PLC SCADA by APSSDC From 2<sup>nd</sup> July to 14<sup>th</sup> July, 2021”**

#### **1. Title of the Event:-**

**“A Two-week online Workshop On PLC SCADA by APSSDC From 2<sup>nd</sup>  
June to 14<sup>th</sup> July, 2021.”**

#### **2. Objective of the Event:**

The main objective of the event is to bring awareness among the students on how the plc and scada are used in industrial control system that is used to monitor and control facilities and infrastructure in industries. With this workshop student will get about practical knowledge apart from theoretical knowledge which they have learnt from their Technical curriculum.

#### **3. About the program:**

The program was coordinated by Mr.S.Venkatesh Faculty of EEE Department KITS. The main objective of **PLC & Scada Workshop** is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation. The idea of organizing this workshop is to inculcate the basic fundamentals of automation in the students and provide them with a platform to work on, in The Near Future.

#### **4. Details of Resource Person:**

Trainer cum developers at APSSDC who are one among the best selected in APSSDC and trained in short time even capable to excel their skill and guide the other students for future jobs with their way of introducing about PLC to students from basic



to end.

**5. Venue of the Event, Date & Time:**

The event is organized in Zoom Platform, from 2<sup>nd</sup> July to 14<sup>th</sup> July 2021 by APSSDC.

**6. No of Students Participated: 61**

**7. Department of Participants: EEE**

**8. No of Faculties Participated: 4**

**9. Feedback form link:-**

<https://forms.gle/kjkDzKHD4pNdR5U7b7>

**10. Promotion of the Event on the Social Media Website: (Link):**

[https://m.facebook.com/story.php?story\\_fbid=6032281190176991&uid=100001855098178](https://m.facebook.com/story.php?story_fbid=6032281190176991&uid=100001855098178)

**11. Google drive link: <https://drive.google.com/file/d/1yVoi1fH/u2kCjySBqID83ZV-UN3zy0KzJ/view?usp=sharing>**

**12. Promotion of the Event on the college Website:**

**13. Event Screenshots:**



**14. Benefits in terms of learning/skill/knowledge obtained:**



# KITS



Due to this workshop students will get the idea about plc and scada which are widely used in industrial sector.

**15. Expenditure Amount (If any):** RS.18300/-

**16. Remarks:** The workshop is organized smoothly with practical orientation.

**17. Experiences and Output of the Session:**

Students are very happy about the workshop because they got proper view about how the plc and SCADA are used. As, we all know how practical knowledge and hands on practice helps them in getting job and doing future.

Co-Ordinator: I. S. Venkatesh

Z. A. Ganya Veni

HOD EEE

Department of EEE  
KJR & KSR Institute of Technology & Sciences  
Vinjanampadu, Guntur-522 017.



## KKR&KSR Institute of Technology and Sciences Vinjanampadu, Guntur, Andhra Pradesh-522017

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakitanda  
 Accredited with "A" Grade by NMAC & NBA Accreditation Status for C/DG/CSE, ECE, EEE, MEI Programs

### MHRD- IIC Report

1. **Objectives of the event:**

The main objective of the program is basic elements of robotics and how the PLC's are used in industrial robotics. Provides advanced software robots taking the place humans whenever complex processes or routine tasks can be automated. Robots are the machines designed to mimic human actions with minimal human intervention, whereas PLCs are the controllers programmed to perform sequence of operations with the use of sensors and end components like actuators/relays. A robot may receive an instruction from PLC. Both robots and PLC plays an equal role in automation industry. Reducing manpower, process time and cost.

2. **About the program:** The department mechanical engineering conducted a five day workshop on Role of Robotics and PLC's in Automation Industry from 19-07-2022 to 23-07-2022 for 3<sup>rd</sup> years.

3. **Details of the External participants (if any):** Nil

4. **Details of the resource persons**

Name of the resource person:

**S.Vinay Sai**

Senior Application Engineer.

**L.Gopi**

Senior application engineer

**Manoj prabakar**

Application Engineer

Opp: Cool Zone, #648,10th B Main, 4th Block,Jayanagar, Bangalore - 11.

5. **Venue of the Event:** Autocal lab.

6. **Date & Time of the Event:** 19<sup>th</sup> July,2022 to 23<sup>rd</sup> July,2022

7. **No. of students participated:** 110

8. **Year, Branch and sections of the students:** Two sections of III mechanical.

9. **No. of faculties participated:** 10

10. **One student member feed Back:**

I am suvi prasanna kumar j, pursuing III year in KKR &KSR Institute of Technology and Sciences with Mechanical discipline. I have attended the five day workshop on "Role of Robotics and PLC's in Automation Industry". First of all I want to thank my college management who provided such facility for all of us to learn and experience. In this regard my sincere thanks to AICTE-MHRD-IIC, who have been conducting such type of events for the student nourishment. The first course, i.e. PLC Programming, introduces tested languages, such as instruction list and structured text, according to IEC61131-3 standard so that students can learn a fundamental concept about PLC hardware and software using the standards based programming languages. The advanced course, Industrial Automation, focuses on teaching students the sequence control concept and problem solving strategy, where Sequential Function Chart, Ladder Diagram and Function Block Diagram are used to put the design of industrial manufacturing assembly line into operation. The classes have been taught in project based approach and the Kinesthetic learning style has been adopted throughout all laboratory sections. From students' comments, the teaching approach was very successful. By the end of the 5 day session, students have developed their own various projects using the knowledge they learned from PLC Programming and Industrial Automation

courses. Moreover, the workshop is intended to enhance career opportunities for the students in Robotics.

11. Promotion of the event in the social media website(Link and screen shot):  
<https://www.facebook.com/kitsmech11>
12. Promotion of the event on the university/college website: Link and screen shot:  
<https://www.facebook.com/kitsmech11>
13. Event photographs from different angles covering all the students, banners and speakers(Include 4 or 6 photographs in the document and send the those photos)



14. 1-2 minutes video of the event(Drive link only):

<https://www.facebook.com/kitsmech11>

15. **Benefits in terms of learning/Skill/Knowledge obtained ( Not less than 1000 words):**

Robotic process automation software and services are able to run applications the way a human operator would. Based on rules, the workflow operates automatically complex tasks. RPA brings a whole variety of benefits such as continuing service: When it comes to running real 24/7 service, software robots emerge as obvious in that they do not have to take breaks. Scalability: The processes specified for one software robot can be expanded to any number of other robots and conversely, robots can be decommissioned of a process to work on another one. Truthfulness: Once assigned tasks, robots are designed to faithfully comply with the instructions without failing. Audit trail: The robots' mode of operation involves the generation of output data. This data aims to ensure compliance and leads to improved processes. Cost: A robot costs at least 20% of a human does. Time: While it takes years to implement traditional projects with humans, it only takes weeks with robots. Reduced operational cost: RPA is capable enough to reduce operational costs by lowering the count of FTEs deployed to finish a task or process by up to 66% less than of the human cost. Better efficiency: Robots can be used all round the clock, as they are fully automated so they are available 24\*7. Fewer errors: Robots can detect, rectify or eliminate human involvement that can create major errors or delays. Higher employee satisfaction: Robotic automation resolves many of the unsatisfying works that we currently ask our human teams to perform each day. No requirement for change in IT system: Improvement without radically transforming. The advantages of automation are possible without upgrading the



systems of record from what they are today. Improved way to ensure Customer success: With minimum errors, better efficiency and more accurate information the quality of the customer experience are significantly increased. Scalability and flexibility: By increasing the number of bots or deploying more robots for a certain process where the requirement is in high volume helps to face the challenges.

16. **Expenditure Amount (if Any):** Rs.60,000/-

17. **Remarks:** Nil

18. **Experience and output of the session**

A PLC (programmable logic controller) is a digital computer used for industrial automation to automate different electro-mechanical processes. It was introduced to eliminate issues such as high power consumption that arose from the use of relays to control manufacturing processes. It consists of a programmed microprocessor whose program is written on a computer and later downloaded via a cable to the PLC. The program is stored in a non-volatile PLC memory. The programmable logic controller receives information from connected input devices and sensors, processes the received data, and triggers required outputs as per its pre-programmed parameters. Based on its inputs and outputs, a PLC can easily monitor and record runtime data like operating temperature, machine productivity, and generation of alarms when a machine fails, automatic start and stop processes and more. This means that PLCs are robust and flexible manufacturing process control solutions that are adaptable to most applications. I/O: The CPU retains and processes data while the input and output modules connect the PLC to the machinery. I/O modules provide the CPU with information and trigger specified results. I/O modules can be analog or digital. Note that I/O can be mix-matched to achieve the right configuration for an application. Communications: Apart from input and output devices, PLCs must connect with other system types. For instance, a user may need to export application data recorded by the PLC to a SCADA (supervisory control and data acquisition) system designed to monitor several connected devices. A PLC provides different communication protocols and ports to facilitate communication between the PLC and the other systems. HMI: Users require a HMI (human machine interface) to interact with a PLC. The operate interfaces can be large touchscreen panels or simple displays that allow users to input and review PLC information in real-time. PLCs will continue to grow in prominence due to the current Industry 4.0 and the industrial internet of things hype.



Dept. of Mechanical Engineering

**Head of the Department**  
**Mechanical Engineering**  
**KSR & KSR Institute of Technology & Science**

VINJANAMPADU,

03 MAY 2022.

To,

2<sup>nd</sup> Year Students,

2020-2024 Batch,

ECE Department,

KRR & KSR Institute of Technology and Sciences,

Vinjanampadu,


Guntur.

Dear Students,

This is to inform all the Second B.Tech ECE students to complete add on course "Fundamentals of IOT and Applications" without fail. These courses will be added advantage to the students who face job interviews. So all are instructed to follow these instructions and complete.

Thank You,

From:

  
**H. S. SALLULA**  
Head of The Department,  
Electronics and Communication Engineering  
KRR & KSR Institute of Technology and Sciences  
Vinjanampadu, Guntur, A.P.

Electronics and Communication Engineering  
KRR & KSR Institute of Technology and Sciences  
Vinjanampadu, Guntur, A.P.



# Certificate of Completion



This is to certify that Mr/Ms ..... **ABDUL TASLEEMA** .....  
(..... **20JR1A0401** .....) has successfully completed the skill development training program-II on "Fundamentals of IOT and Applications" from 05.05.2022 to 11.05.2022 conducted at Department of Electronics & Communication Engineering, KKR & KSR Institute of Technology and Sciences, Guntur in association with .....

  
MANAGER  
STMAN

  
HOD/ECE  
KKR & KSR Institute of Tech and Sciences

  
PRINCIPAL  
KKR & KSR Institute of Tech and Sciences


# Certificate of Completion



This is to certify that Mr/Ms ..... **ALLADI ASMITHA** .....  
(..... **20JR1A0403** .....) has successfully completed the skill development training program-II on "Fundamentals of IOT and Applications" from 05.05.2022 to 11.05.2022 conducted at Department of Electronics & Communication Engineering, KKR & KSR Institute of Technology and Sciences, Guntur in association with

  
MANAGER  
STMAN

  
HOD/ECE  
KKR & KSR Institute of Tech and Sciences

  
PRINCIPAL  
KKR & KSR Institute of Tech and Sciences


# Certificate of Completion



This is to certify that Mr/Ms ..... **AMMISSETY LAKSHMI** .....  
(..... **20JR1A0404** .....) has successfully completed the skill development training program-II on "Fundamentals of IOT and Applications" from 05.05.2022 to 11.05.2022 conducted at Department of Electronics & Communication Engineering, KKR & KSR Institute of Technology and Sciences, Guntur in association with

  
MANAGER  
STMAN

  
HOD/EC  
KKR & KSR Institute of Tech and Sciences

  
PRINCIPAL  
KKR & KSR Institute of Tech and Sciences



# Certificate of Completion




This is to certify that Mr/Ms ANKALA NAGA SWAPNA

(20JR1A0408) has successfully completed the skill development training program-II on "Fundamentals of IOT and Applications" from 05.05.2022 to 11.05.2022 conducted at Department of Electronics & Communication Engineering, KKR & KSR Institute of Technology and Sciences, Guntur in association with

  
MANAGER  
STMAN

  
HOD/ECE  
KKR & KSR Institute of Tech and Sciences

  
PRINCIPAL  
KKR & KSR Institute of Tech and Sciences

# Certificate of Completion



This is to certify that Mr/Ms ..... **ANNAPAREDDY SAILAKSHMI** .....  
(..... **20JR1A0407** .....) has successfully completed the skill development  
training program-II on "Fundamentals of IOT and Applications" from 05.05.2022 to  
11.05.2022 conducted at Department of Electronics & Communication  
Engineering, KKR & KSR Institute of Technology and Sciences, Guntur in  
association with

  
MANAGER  
STTMANI

  
HOD/EE  
KKR & KSR Institute of Tech and Sciences

  
PRINCIPAL  
KKR & KSR Institute of Tech and Sciences

**List of students for the added Course**

S.N O	ROLL NO	Name of the Student	Name of Organization	Name of the Domain	Date of Intudu cation	Date of End
1	20JR1A0 401	ABDUL TASLEEMA	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
2	20JR1A0 403	ALLADI ASMITHA	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
3	20JR1A0 404	AMMISSETY LAKSHMI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
4	20JR1A0 405	ANANTHA JAISHNI DURGA SRI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
5	20JR1A0 406	ANKALA NAGA SWAPNA	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
6	20JR1A0 407	ANNAPAREDDY SAILAKSHMI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
7	20JR1A0 408	ATUKURI KEERTHI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
8	20JR1A0 409	AVVARU DHATRI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
9	20JR1A0 410	BACHINA RAJASRI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
10	20JR1A0 412	BAPATU SRAVANTHI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
11	20JR1A0 413	BATTULA PRASANNA	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
12	20JR1A0 416	BHIMUDU SAI PURNIMA	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
13	20JR1A0 417	BIJAM KOTESWARAMMA	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
14	20JR1A0 418	CHALLA SRAVANI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022
15	20JR1A0 420	CHAVALA DWARAKAMAI	Silicon Touch Technologies (STTmani)	Fundamentals of IOT and APPLICATIONS	05 May 2022	11 May 2022



16	20JR1A0 421	CHENNUPATI NAVYA SRI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
17	20JR1A0 422	CHIDIPOTHU BHAGYA LAKSHMI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
18	20JR1A0 423	DETA SHARON AQUILA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
19	20JR1A0 424	DEVI SRIYA MIRIYALA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
20	20JR1A0 426	EEMANI TEJA SRI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
21	20JR1A0 428	GOLLA VYSHNAVI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
22	20JR1A0 429	GORANTLA NANDINI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
23	20JR1A0 432	AKULA BHAVADEEP SAI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
24	20JR1A0 433	ALLA VEERA VENKATA SATYA SAI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
25	20JR1A0 434	AMRUTHALURI MANOJ KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
26	20JR1A0 435	ANNEM HARSHA VARDHAN REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
27	20JR1A0 436	APPISSETTY VINAY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
28	20JR1A0 438	AVULA SWETHASH KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
29	20JR1A0 439	AVVARI SANTHOSH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
30	20JR1A0 442	BELUGURI VEERANJANEYULU	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
31	20JR1A0 443	BHAVANI VENKATA PRASAD MOGILI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
32	20JR1A0 445	CHAGANTI SAI SASANK REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022

33	20JR1A0 447	CHAVA CHARAN KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
34	20JR1A0 448	CHEVULA SUBBARAO	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
35	20JR1A0 449	CHILAKA SANDEEP	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
36	20JR1A0 450	CHITHAPALLI MOHANA NAGA SUDHEER	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
37	20JR1A0 451	CHUNDURU SAI SATYA AAKASH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
38	20JR1A0 453	DASARI VAMSI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
39	20JR1A0 454	DESABOYINA MURALI KRISHNA MANIKANTHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
40	20JR1A0 455	DEVASANI SIVA KRISHNA REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
41	20JR1A0 456	DHULIPALLA SIVA SAI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
42	20JR1A0 457	DUDEKULA KASEEM SAIDULU	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
43	20JR1A0 458	EPPILI SURESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
44	20JR1A0 459	EVURI HARSHAVARDHAN REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
45	20JR1A0 461	GANESH SAIDU	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
46	20JR1A0 462	GANGADHARUNI HARSHA VARDHAN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
47	20JR1A0 463	GERA VINOD KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
48	20JR1A0 464	GOLI GURUDATTA SAI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
49	20JR1A0 466	GOTHULA SAI DIVYAGNA LAKSHMI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022



50	20JR1A0 467	GUNTURU SUNNY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
51	20JR1A0 469	ISUKAPALLI HARSHITHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
52	20JR1A0 471	JASTHI LAKSHMI LAVANYA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
53	20JR1A0 472	KAGITHALA SAMYUKTHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
54	20JR1A0 475	KALLI VISHNU VARDHINI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
55	20JR1A0 476	KAMBHAMPATI TULASI SAI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
56	20JR1A0 477	KANAGALA TEJA SREE	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
57	20JR1A0 478	KARRA DEMPUL	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
58	20JR1A0 479	KATPADI GNANA LAKSHMI PRASANNA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
59	20JR1A0 480	KEERTHI VENKATA LAKSHMI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
60	20JR1A0 481	KONIDENA MAHA LAKSHMI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
61	20JR1A0 484	KUNCHAPU SRAVANI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
62	20JR1A0 485	KUNKALAGUNTA BHAVIKA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
63	20JR1A0 486	LAKSHMI PRIYA PATIBANDELA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
64	20JR1A0 487	LAMBU MANASA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
65	20JR1A0 488	M. SAI MYTHILI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
66	20JR1A0 489	MADASU SWATHI KAMALA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022



67	20JR1A0 491	MARTHA NEELIMA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
68	20JR1A0 492	MARTHULA SUPRIYA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
69	20JR1A0 493	NAKKALA ESTHER KEERTHANA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
70	20JR1A0 494	NALLAMOTHU LEELA SAHITHI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
71	20JR1A0 495	NALLURU SOWMYA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
72	20JR1A0 497	GURISSETTY BHARADWAJ	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
73	20JR1A0 498	JONNAKUTI PAVAN CHARITH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
74	20JR1A0 4A0	KANDULA Y.T.SIVA SAI GANESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
75	20JR1A0 4A2	KANNURI HIMA SANKAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
76	20JR1A0 4A3	KARYAMSETTY VAMSI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
77	20JR1A0 4A5	KODURU VENKATA SIVA NAGA SAI TARUN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
78	20JR1A0 4A6	KOLAGATLA SATYANARAYANA REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
79	20JR1A0 4A7	KOLLA RAKESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
80	20JR1A0 4A8	KOMMALAPATI GIRIDHAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
81	20JR1A0 4A9	KOWTHARAPU KRANTHI KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
82	20JR1A0 4B6	MADAKA BHARATH KONDAIAH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
83	20JR1A0 4B7	MALAPATI DANY JOEL	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022

84	20JR1A0 4B8	MALAPATI VENU BABU	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
85	20JR1A0 4C2	NALLAMOLU GNANA VENKATA SATYA SAKETH RAM	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
86	20JR1A0 4C3	NEELAM SUNNY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
87	20JR1A0 4C4	NEELAM UDAY SANKAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
88	20JR1A0 4C5	NENAVAT JYOTI PRASAD NAYAK	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
89	20JR1A0 4C6	NUTHALAPATI VENKATESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
90	20JR1A0 4D0	NANNAPANENI TANUJA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
91	20JR1A0 4D1	NEELAM SHELLY SUZANNE	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
92	20JR1A0 4D3	PALLERLA BHARGAVI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
93	20JR1A0 4D4	POOJITHA CHIRUMAMILLA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
94	20JR1A0 4D5	PULUSU POOJITHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
95	20JR1A0 4D6	PUTLA VANDANA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
96	20JR1A0 4D7	RUSUMDAR MEHANAZ FARHEEN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
97	20JR1A0 4D9	SANGANA MOUNIKA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
98	20JR1A0 4E0	SANIGANDLA PRASANNA LAKSHMI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
99	20JR1A0 4E1	SARANGAPANI KATHYAYANI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
100	20JR1A0 4E2	SHAIK AAFRIN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022



101	20JR1A0 4E5	SOMAVARAPU VANI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
102	20JR1A0 4E6	SURAM JAHNAVI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
103	20JR1A0 4E7	TALATHOTI ANU DEEPIKA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
104	20JR1A0 4E8	TALLURI PRASANNA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
105	20JR1A0 4E9	UNDELA HYMA REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
106	20JR1A0 4F0	UTIKONDA RAMYA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
107	20JR1A0 4F1	VAKA SAILEKHANA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
108	20JR1A0 4F2	VALERU THANYA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
109	20JR1A0 4F3	VEDANTHAM NAGA VENKATA UDAYA PAVANI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
110	20JR1A0 4F5	VUNNAM PAVANI PRIYANKA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
111	20JR1A0 4F6	YADDANAPUDI VENKATA PAVANI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
112	20JR1A0 4F7	EMMADI KAVYANJALI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
113	20JR1A0 4F8	PASUPULETI JAGADEESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
114	20JR1A0 4G0	PATHURI SAI LOKESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
115	20JR1A0 4G1	PAYYAVULA VENKATA SIVA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
116	20JR1A0 4G3	PISUPATI VSSR ADITHYA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
117	20JR1A0 4G4	S KRUSHIK REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022



118	20JR1A0 4G6	SANAMSETTY HEMANTH KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
119	20JR1A0 4G7	SHAIK HASAN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
120	20JR1A0 4G8	SHAIK IMRAN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
121	20JR1A0 4H0	SHAIK MANSOOR VALI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
122	20JR1A0 4H1	SHAIK MUJEER	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
123	20JR1A0 4H2	SHAIK SHARUK	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
124	20JR1A0 4H3	SHAIK SURAJ	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
125	20JR1A0 4H4	SWARNA TEJA VENKATA KRISHNA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
126	20JR1A0 4H5	TADIBONA GOWTHAM	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
127	20JR1A0 4H6	TADISETTY RAJU	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
128	20JR1A0 4H7	TADISETTY SHYAM KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
129	20JR1A0 4H8	TALATHOTI VAMSI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
130	20JR1A0 4I0	TIRUMALAREDDY DINESH REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
131	20JR1A0 4I1	TIYYAGURA YASWANTH KUMAR REDDY	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
132	20JR1A0 4I2	TUPAKULA ANAND KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
133	20JR1A0 4I4	ULISI JAYAPAL	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
134	20JR1A0 4I5	ULLANGULA BALA MANIKANTA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022

135	20JR1A0 416	UMA MAHESH ADDEPALLI	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
136	20JR1A0 417	VELISALA GANESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
137	20JR1A0 418	VELISALA GIRISH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
138	20JR1A0 419	VURA BHOGESH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
139	20JR1A0 420	VUYYALA PRAMOD	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
140	20JR1A0 421	YADDANAPUDI SIVA SAI NAGA PAVAN JANARDHAN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
141	20JR1A0 422	YENDUVA UPENDRA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
142	20JR1A0 423	YENUMULA SRINIVASA RAO	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
143	21JR5A0 401	ANNAPURNA REDDY PRANITHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
144	21JR5A0 402	DUDUKU GNANA POOJITHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
145	21JR5A0 403	JANJANAM SAI SRI LATHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
146	21JR5A0 406	MEKA CHARAN KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
147	21JR5A0 408	KANTU JYOTHSNA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
148	21JR5A0 410	MODI BRAHMALAH	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
149	21JR5A0 411	PALLAPARTHI SUBBA RAO	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
150	21JR5A0 414	PENDURI KARUNA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
151	21JR5A0 415	VELAGA LIKITHA	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022



152	21JR5A0 416	SONTI LAKSHMI SAI KIRAN	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
153	21JR5A0 417	UDUMULA MICHAEL ARTHUR PAUL	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022
154	21JR5A0 418	VADLAMUDI DILEEP KUMAR	Silicon Touch Technologies (STTmani)	<b>Fundamentals of IOT and APPLICATIONS</b>	05 May 2022	11 May 2022

  
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**KKR&KSR Institute of Technology and Sciences**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada  
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

**Hackathon on Internet of Things from 3<sup>rd</sup> January to 5<sup>th</sup> January, 2022 at  
KKR & KSR Institute of Technology and Sciences, Vinjanampadu,  
Guntur by MadBlocks Academy**

**1. Objective of the Event:**

The purpose of a hackathon is to tackle a specific problem during a period of time. Typically, a hackathon addresses numerous concerns, each of which is addressed in its own track. The Department of Information Technology, KKR & KSR Institute of Technology and Sciences is hosting a three-day workshop on Internet of Things Hackathon to acquire innovative skills. An Hackathon is a design sprint-style event in which computer programmers and others involved in software development, such as graphic designers, interface designers, project managers, and others, frequently including domain experts, work together on projects intensively. Typically, hackathons begin with one or more talks about the event as well as the topic at hand. Then, based on their particular interests and skills, people propose ideas and establish teams. The hackathon's primary work begins after that, which can take up to 36 hours.

The major goal of the hackathon is for participants' minds to build innovative talents. Hackathons and other intense problem-solving situations make it easier to come up with new ideas and concepts. The basic goal of a hackathon is to identify a problem and work together to develop technologies to tackle that problem. The Hackathon gives participants the opportunity to learn something new.

**2. About MadBlocks:**

MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a private limited company incorporated on May 8, 2019 in Rangareddi, India. According to official documents, MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a mca provider with the industrial and NIC code of 93090. MadBlocks is on a mission to create a community that reintroduces innovation to campus, and these ideas lead to high-potential enterprises. MadBlocks is dedicated to delivering our strengths in order to assist our clients in empowering their stakeholders to achieve higher heights, resulting in a better society and a better way of life. The key goal is to instil creativity on campus so that it becomes a culture. Opportunities abound wherever Innovation thrives.

The expertise from the MadBlocks team mentor students who thinks out-of-box, and inculcate the innovation culture in the space. They conduct knowledge-sharing sessions, hackathons and summits for the makerspace to get startups launched.

The Following Experts shared their views on Hackathon:

1. Dr. Sameer chakravarthy, IEEE Vice-Chair, Visakhapatnam
2. Mr.SA.Rajesh, Project manager, Infosys
3. K.Naresh Babu, Sr Design engineer along with
4. Madhu Parvathaneni, CEO MadBlocks

### **3. Venue of the Event:**

The event is organized in KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in old Seminar Hall.

### **4. Date & Time of the Event:**

The Event is organized from 3<sup>rd</sup> January, 2022 to 5<sup>th</sup> January, 2022.

### **5. No. of persons participated: 460**

### **6. Benefits in terms of learning/Skill/Knowledge obtained.**

After completion the Hackathon, the students benefitted like as follows

1. Know How to extract new ideas and concepts.
2. Can convert ideas into minimum usable products.
3. Increased their Innovative Power
4. Understands the needs of new Innovations for the society.
5. Improves the skills on New Technologies.
6. Interaction with Industry Experts.
7. Leans from Active Teaching Learning Methodologies.
9. Can Improve professional, interpersonal skills & leadership qualities.

### **7. Event photographs.**



# Internet of Things HACKATHON

3 - 5 January 2022



- Open Price
- Certificate
- Medal
- Swag Bag
- Industry Jury Feedback
- Workshop/ Open Seminars

Organized by : **Departments of CSE, IT & ECE**

## IoT Hackathon 2022

from 3<sup>rd</sup> to 5<sup>th</sup> January -2022

Hearty Welcome to  
**madBlocks Team**



**Dr. SAMEER CHAKRAVARTHY**  
IEEE Vice-Chair, Vahakapattani



**SA RAJESH**  
Project Manager, Infosys India

Organized by  
**Department of CSE, IT & ECE**

**KITS**  
**KRR & KSR INSTITUTE OF  
TECHNOLOGY AND SCIENCES**  
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