



**A.S.D. Government Degree College for Women**  
**An Autonomous Institution**  
Jagannaickpur, Kakinada, Andhra Pradesh-533002  
Affiliated to Adikavi Nannaya University, Rajamahendravaram



## **INTERNAL QUALITY ASSURANCE CELL**

# **ACTIVITY**

**Department of Computer Science**  
**A.S.D. Government Degree College for**  
**Women**  
**&**  
**IOT - APPLICATIONS**

**A BRIEF REPORT ON  
5- DAY NATIONAL STUDENT TRAINING PROGRAM**

on

**“IOT- APPLICATIONS”**

**19 Aug – 23 Aug, 2019**



**Organized**

by

**Department of Computer Science**

**A.S.D. GOVT. DEGREE COLLEGE FOR  
WOMEN (AUTONOMOUS)**

(Re Accredited with 'B' Grade by NAAC)  
Affiliated to Adikavi Nannaya University  
Jagannaickpur, Kakinada - 533002  
Ph.: 0884-2378446

Website: [www.asgdew.ac.in](http://www.asgdew.ac.in)



E-mail: [asdcs.iotstp@gmail.com](mailto:asdcs.iotstp@gmail.com)

**A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)**

**Jagannaickpur, Kakinada**

**DEPARTMENT OF COMPUTER SCIENCE**

**Activity Register 2019-2020**

<b>Date</b>	<b>19-08-2019 to 24-08-2019</b>
Conducted through (DRC/JKC/ELF/NCC/NSS/Departments etc.)	<b>Department of Computer Science</b>
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	<b>5 Day National Student Training Program</b>
Title of the Activity	<b>IoT - Applications</b>
Name of the Department/Committee	<b>COMPUTER SCIENCE</b>
No. of students participated	60
Brief Report on the activity	To enable the students to gain knowledge and expertise on Internet of Things and its applications.
Name of the Lecturers who Planned & conducted the activity	N. Naga Subrahmanyeswari G.Satya Suneetha
Signature of the Dept. In-Charge /Convener of the Committee	 <b>Signature of the HOD</b> IN CHARGE DEPT OF COMPUTER SCIENCE A.S.D.GOV.T.DEGREE COLLEGE (W)AUTONOMOUS KAKINADA
Signature of the Principal	 <b>PRINCIPAL</b> A.S.D.GOV.T.DEGREE COLLEGE (W)AUTONOMOUS KAKINADA
Remarks	

# BROCHURE

**REGISTRATION FORM**

Name :  
Regd. No. :  
Department :  
College :  
Postal Address :  
  
Mobile :  
E-mail :

Declaration by Applicant  
The above mentioned information is true to the best of my knowledge and belief. I shall attend the Five-day National Student Training Program for the entire duration.

Signature of the Applicant

Participants have to send their filled in Form to asdcs.iotstp@gmail.com

(Spot Registration is also available and there is no Registration Fee)

Contact Ph. No: 9948438376 / 9491215695

**ELIGIBILITY**  
Students from any UG/PG Courses

## ORGANIZING COMMITTEE

### CHIEF PATRON

Dr. SUJATHA SHARMA, IAS  
Special Commissioner of Collegiate Education  
Vijayawada.

### PATRON

Dr. M. Babu Rao, M.Com, Ph.D.  
RJDCE, Rajamahendravaram.

### PRESIDENT

Smt. M. Suvarchala, M.Sc., M.Ed., (Ph.D.)  
Principal

### CONVENERS

Smt. G.Satya Suneetha, M.Tech., (Ph.D.)  
Lecturer in Computer Applications

Smt. N.Naga Subrahmanyeswari M.Tech., (Ph.D.)  
Lecturer in Computer Science

### ADVISORY COMMITTEE

Smt. P.Syama, M.Com.,  
Vice-Principal  
Dr. G.Anitha, M.Sc., Ph.D.  
UGC/RUSA Co-Ordinator

### STUDENT COORDINATORS

Ms. K.Monica  
Ms. T.Sai Sandhya  
Ms. M.Thirumala Ramani  
Ms. G. Roshini



**A.S.D. GOVT. DEGREE COLLEGE  
FOR WOMEN (Autonomous)**  
(Approved by Andhra State University)  
(NAAC Re-Accredited Institution with 'B' Grade)  
Kakinada, E.G.Dt.(A.P) - 533002

## Five Day National Student Training Program On **IoT-Applications**

19-08-2019 to 23-08-2019



SPONSORED BY  
RUSA - 2.0

Organized By  
**Department of Computer Science**  
A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN(A)

## ABOUT THE COLLEGE

A.S.D Government Degree College for Women (Autonomous), Jagannaickpur, Kakinada is the only Government College for Women for having Autonomous Status in both East & West Godavari districts together. The College is offering B.A. (HEP, THP,HET), B.Com (TM, EM, & Computers), and B.Sc (MPC, MPCS, CBZ, CBMB, CZAq.T &H.Sc) at UG level under CBCS Semester System. M.A. (Telugu) and M.Com (EM) Self finance courses at PG level.

## ABOUT THE DEPARTMENT

The Department of Computer Science was established in the year 1998 as one of the Restructured Courses in the College. Over the years we have developed a distinctive style and method that bridges the theory-practice divide while remaining grounded in the core.

## PREAMBLE

The technology which has brought about a revolution in modern technological era, Internet of things (IoT) is the network of physical devices, vehicles, home appliances and other items embedded with electronics, software, sensors, actuators, and connectivity which enables these objects to connect and exchange data. The Internet of Things is the use of network sensors in physical devices to allow for remote monitoring and control.

IoT systems could also be responsible for performing actions, not just sensing things. The IoT is connecting people, places and devices at a rapid pace. This technology has gained massive traction

in various spheres like healthcare, banking, retail, manufacturing, consumer goods, etc.

The entire world is migrating towards IoT which will have a huge impact on our lives in the coming years.

## OBJECTIVE OF THE TRAINING PROGRAM

The aim of this training Program is

- To explore the state-of-art technologies in the area of Internet of Things (IoT) through a series of lectures.
- To provide some hands on experiences in setting up IoT platform with open source Softwares.
- To provide focus on various real time applications of IoT.

## ABOUT THE TRAINING PROGRAM

Rapid developments in hardware, software, and communication technologies have allowed the emergence of Internet-connected sensory devices that provide observation and data measurement from the physical world. Internet-connected devices technology, continues to extend the current Internet by providing connectivity and interaction between the physical and cyber worlds. In addition to increased volume, the IoT generates Big Data characterized by velocity in terms of time and location dependency, with a variety of multiple modalities and varying data quality. This program discusses the different applications that deal with the challenges in IoT.

This would be a great platform for the students to have interaction with reputed Academicians and experts from Industry. It also

opens up vistas by disseminating the recent research for industrial applications.

Further, it paves way for industrialists to innovate modern products which helps in ease of processing and help for the societal development.

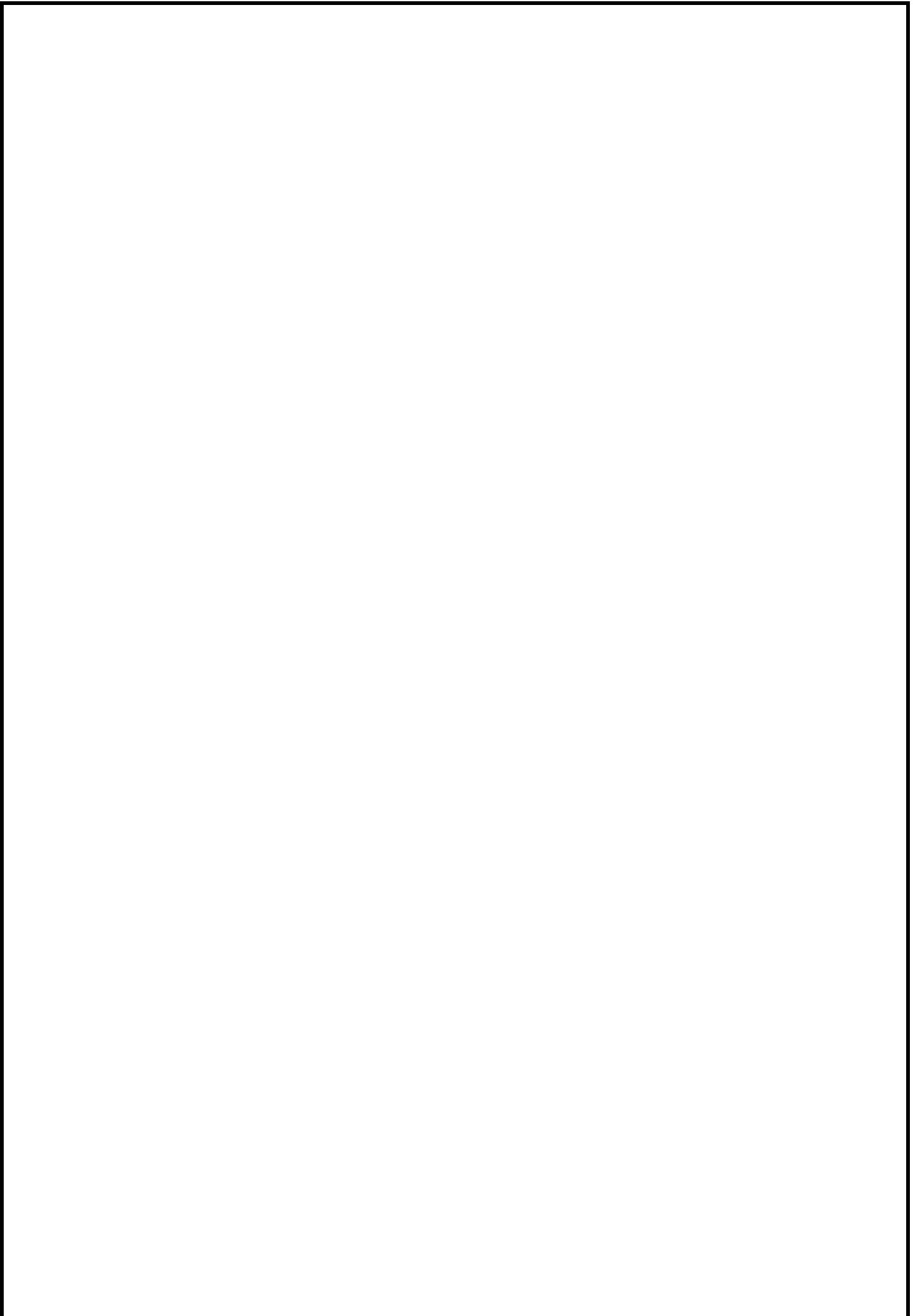
## HANDS - ON SESSION

The Hands-on sessions shall include the following:

- Connecting sensors and actuators to IoT framework.
- Working with Aurdino
- Usage of RaspbASerry-Pi
- Receiving sensory information from devices.
- Connecting IoT devices to a local cloud.
- Demonstration of working of various sensors
- Real time Application Scenarios in various fields.

## RESOURCE PERSONS

1. **Dr. V. Persis**  
Principal,  
University College of Engineering(A),  
Adikavi Nannaya University,  
Rajamahendravaram.
2. **Sharmila**  
Senior Analyst,  
Kriya Software Technologies Pvt. Ltd.,  
Kakinada.
3. **Dr.Nagesh**  
Professor in ECE,  
Pragati Engineering College,  
Surampalem.



**A.S.D.GOV'T DEGREE COLLEGE FOR WOMEN (A)**

**DEPARTMENT OF COMPUTER SCIENCE**

**Five Day National Student Training Program**

**on**

**IoT-Applications**

**(19-08-2019 to 24-08-2019)**

**List of participants**

<b>S.No</b>	<b>Name of the Participant</b>	<b>Name of the College</b>
1.	G.Rajeswari Ramya	Aditya Degree College, Kakinada
2.	K.Monika	Aditya Degree College, Kakinada
3.	G.Durga	Aditya Degree College, Kakinada
4.	MD.Saliya Parveen	Aditya Degree College, Kakinada
5.	K.Sangeetha	Govt. Degree College, Ravulapalem
6.	K.Papamma	Govt. Degree College, Ravulapalem
7.	G.Devi	Govt. Degree College, Ravulapalem
8.	B.Sunitha	Govt. Degree College, Ravulapalem
9.	B.Vikirana	Govt. Degree College, Ravulapalem
10.	D.Priyanka	Govt. Degree College, Ravulapalem
11.	M.P.S.Surya Vathi	Govt. Degree College, Ravulapalem
12.	M.Tejeswari	Govt. Degree College, Ravulapalem
13.	N.Jyothi	Govt. Degree College, Ravulapalem
14.	K.Chinna Talli	Govt. Degree College, Ravulapalem
15.	Ch.Sivanandini	A.S.D. Govt. Degree College For Women(A),Kakinada
16.	M.Veeraveni	A.S.D. Govt. Degree College For Women(A),Kakinada
17.	M.Dharani	A.S.D. Govt. Degree College For Women(A),Kakinada
18.	N.Mounika	A.S.D. Govt. Degree College For Women(A),Kakinada
19.	K.Raja Rajeswari	Dr. S.R.K. Govt Arts College,Yanam
20.	R.Dimple Sai	Dr. S.R.K. Govt Arts College,Yanam
21.	P.Lalitha	Dr. S.R.K. Govt Arts College,Yanam

22.	S.Manasa	Dr. S.R.K. Govt Arts College, Yanam
23.	B.Marammathalli	Dr. S.R.K. Govt Arts College, Yanam
24.	P.Madhu Priyanka	A.S.D. Govt. Degree College For Women(A), Kakinada
25.	P. Akhila jyothis	A.S.D. Govt. Degree College For Women(A), Kakinada
26.	A.S.J.S.Neeraja	A.S.D. Govt. Degree College For Women(A), Kakinada
27.	M.Alekhyia	A.S.D. Govt. Degree College For Women(A), Kakinada
28.	G.Naga Sai	A.S.D. Govt. Degree College For Women(A), Kakinada
29.	P.Tanuja	A.S.D. Govt. Degree College For Women(A), Kakinada
30.	P.V.Rama Devi	A.S.D. Govt. Degree College For Women(A), Kakinada
31.	D.Sushma	A.S.D. Govt. Degree College For Women (A), Kakinada
32.	P.Gowthami	A.S.D. Govt. Degree College For Women (A), Kakinada
33.	S.Haritha	A.S.D. Govt. Degree College For Women(A), Kakinada
34.	U.Lakshmi	A.S.D. Govt. Degree College For Women(A), Kakinada
35.	K.Ahalya	A.S.D. Govt. Degree College For Women(A), Kakinada
36.	K.Prasanna	A.S.D. Govt. Degree College For Women(A), Kakinada
37.	Y.Sravva	A.S.D. Govt. Degree College For Women (A), Kakinada
38.	M.Dheena	A.S.D. Govt. Degree College For Women (A), Kakinada
39.	G.Madhu Sri	A.S.D. Govt. Degree College For Women (A), Kakinada
40.	K.Rajeswari	A.S.D. Govt. Degree College For Women(A), Kakinada
41.	K.Rama Devi	A.S.D. Govt. Degree College For Women(A), Kakinada
42.	Y.Kusuma	A.S.D. Govt. Degree College For Women(A), Kakinada
43.	G.Hema Sri	A.S.D. Govt. Degree College For Women(A), Kakinada
44.	M.Sivaparvathi	A.S.D. Govt. Degree College For Women(A), Kakinada
45.	T.Ramya	A.S.D. Govt. Degree College For Women(A), Kakinada
46.	G. Roshini	A.S.D. Govt. Degree College For Women(A), Kakinada
47.	M.Satya Sowmya	A.S.D. Govt. Degree College For Women(A), Kakinada
48.	G.Naga Durga	A.S.D. Govt. Degree College For Women(A), Kakinada

49.	N.Poojitha	A.S.D. Govt. Degree College For Women(A),Kakinada
50.	A.Sai Maha Lakshmi	A.S.D. Govt. Degree College For Women(A),Kakinada
51.	S.Kavya	A.S.D. Govt. Degree College For Women(A),Kakinada
52.	D.Vijaya Lakshmi	A.S.D. Govt. Degree College For Women(A),Kakinada
53.	D.Vasudha	A.S.D. Govt. Degree College For Women(A),Kakinada
54.	T.Bhavani	A.S.D. Govt. Degree College For Women(A),Kakinada
55.	M.Anu Radha	A.S.D. Govt. Degree College For Women(A),Kakinada
56.	J.Durga	A.S.D. Govt. Degree College For Women(A),Kakinada
57.	K.Jyothi	A.S.D. Govt. Degree College For Women(A),Kakinada
58.	P.Sai Devi	A.S.D. Govt. Degree College For Women(A),Kakinada
59.	R.Girija Ramani	A.S.D. Govt. Degree College For Women(A),Kakinada
60.	R.B.V.S.Akhila	A.S.D. Govt. Degree College For Women(A),Kakinada



**Brief Report**  
**on**  
**5 - Day National Student Training Program on**  
**“IoT-Applications”**

**Sponsored by RUSA 2.0**  
**(19<sup>th</sup> - 23<sup>rd</sup> August, 2019)**

The 5 day Student training program on “IoT-Applications” sponsored by RUSA 2.0 was held at the Department of Computer science, A.S.D. Government Degree college for Women(A), Jagannaickpur, Kakinada from 19<sup>th</sup> August to 23<sup>rd</sup> August 2019. For this training program Mrs. G.Satya Suneetha, Lecturer in Computer Applications and Mrs. N.Naga Subrahmanyeswari, Lecturer in Computer Science acted as Conveners. Along with the students of this college, a total of 60 students from various colleges like Dr. S.R.K. Govt. Arts College, Yanam, Govt. Degree College, Ravulapalem and Aditya Degree College, Kakinada have participated in this training Program. During these five days, various experts from academia and industry have shared their insights, real life applications on the Internet of Things and provided the participants with hands on development. During the training program working lunch has been provided to all the participants and the resource persons.



**Inaugural of the Student Training Program on “IOT APPLICATIONS”**

The Training Program commenced with welcome address by Mrs N.Naga Subrahmanyeswari, Convener & In-charge of Computer Science Department on 19 August, 2019. On this occasion, she greeted the resource person and the participants and elucidated the objectives and importance of this training program. Mrs M.Suvarchala, Principal, A.S.D

Government Degree college has given the opening remarks for the program. In her opening remarks she stressed on the changing role of IoT in every walk of life. Dr.V.Persis, Principal, University College of Engineering(A), Adikavi Nannaya University, Rajamahendravaram was the Chief Guest for the program. She delivered the Keynote address. In her address she emphasized the need of this type of training programs for the students to make them industry ready. The Contents which were scheduled to be covered in the 5-Day Training Program:

- Introduction to IoT
- Architecture of IoT
- IoT and Cloud Computing
- IoT Boards-Aurdino UNO, Node MCU, Raspberry Pi
- Software Installation and Acquaintance with IDE
- Working with different sensors
- Industrial IoT
- Future of IoT

Dr.V.Persis, Principal, University College of Engineering(A), Adikavi Nannaya University, Rajamahendravaram, acted as the Resource Person for the first session of the



SESSION ON “ARCHITECTURE OF IOT” BY **DR.V.PERSIS**, PRINCIPAL, UCE,  
AKNU

program. First session was started with keynote lecture on IoT and future of connected world and the insights of IoT applications for smart home, smart cities, smart traffic-light, smart retails, energy issues, driver less cars, heart monitoring implants, biochip transponders on farm animals, electric clams in coastal waters, automobiles with built-in sensors, DNA analysis devices for environmental/food/pathogen monitoring or field operation devices that assist fire-fighters in search and rescue operations. She explicated that these devices collect useful data with the help of various existing technologies and then autonomously flow the data between other devices. Current market examples include smart thermostat systems and washer/dryers that use Wi-Fi for remote monitoring. She had another session on the Architecture of IoT. **At the end of the session, she had an interactive session with the participants on the scope of IoT in real life scenarios and the possibility of usage of IoT in daily life.**

The second session was continued by Dr S.Rama Sree ,Vice – Principal, Aditya Engineering Collge, Surampalem . She started her session with how the proliferation of connected devices and the technology capabilities is transforming the industry with cloud data. She also discussed the various areas of IoT analytics application. She continued with the five Key Challenges that Enterprise IoT Innovators are going to face. She elicited that the new IoT application specific framework should be able to provide support for:

- (1) Reading data streams either from sensors directly or fetch the data from databases.
- (2) Easy expression of data analysis logic as functions/operators that process data streams in a transparent and scalable manner on Cloud infrastructures
- (3) If any events of interest are detected, outcomes should be passed to output streams, which are connected to a visualization program. Using such a framework, the developer of IoT applications will able to harness the power of Cloud computing without knowing low-level details of creating reliable and scale applications.

To illustrate the concept of Cloud Computing more lucid, she shared videos on technologies like SaaS, PasS and IaaS. The session was followed by videos and discussion on IBM Watson.

On the second day, the third session was continued by Ms Shaik Sharmila, IoT Developer and Team Leader from Krify Software Technologies Pvt.Ltd.,Thimmapuram. She acted as resource person for three days i.e. 20 Aug to 23 Aug, 2019. She started with the basic programming constructs used in IoT. She shared her insights, real life scenarios, practical use cases and their solutions on Internet of Things and explained the basic usage of the Arduino environment for creating our own embedded projects at low cost. She introduced different IoT boards such as Arduino Uno, Raspberry pi, Node MCU. She listed out various applications that can be executed on the different boards shown.

The fourth session was begun with discussion on various technologies available for location access with their limitations and applications and later she introduced various sensors such as PIR , IR, Ultrasonic and gas sensors etc. She demonstrated to the students, how to read data from sensors, how to interface sensors with arduino.

On third day, in the fifth session , she explained the Arduino Board Layout and architecture of arduino, pin diagram of arduino. Later she explained how to install software in Arduino and explained IDE environment. She also demonstrated how it is possible to sense data at remote Location using IBM IoT platform. In the next session, she made the participants to get used to the IDE environment. Participants were introduced to the Wifi concept from a programming point of view and its relevance to IoT device.



#### SESSION ON APPLICATIONS OF IOT BY **SK.SHARMILA**, KRIFY TECH. LTD

She demonstrated the use of many IoT devices which have sensors that can register changes in temperature, light, pressure, sound, moisture and motion. She explained that these sensors can be paired with an application-specific integrated circuit or an ASIC and it is a circuit with a limited degree of programming capability and is hardwired to do something specific. She also illustrated that it can also be paired with microprocessor and will likely be attached to a wireless radio for communications.

On the next day, in the seventh and eighth sessions she made all the participants to participate in coding for accessing light and sensing a key pressed on IoT kit. She also made them work on Simple LED Program for Arduino. In this session she also demonstrated the

code to change the timing for the display of LED lights connected to Arduino. The participants had a hands-on experience on the working and reading data from various sensors like Ultra Sonic Sensors, IR Sensors, Motion Sensors etc., She also demonstrated the usage of breadboard which is a construction base for prototyping of electronics. She also made the participants to have Hands- on Exposure to the ultrasonic sensor which works on the principle of SONAR and RADAR system and elucidated that it is used to determine the distance to an object. She explained that an ultrasonic sensor generates the high-frequency sound (ultrasound) waves and when this ultrasound hits the object, it reflects as echo which is sensed by the receiver.



#### STUDENTS WORKING WITH IOT SENSORS

As 23<sup>rd</sup> August is a Public Holiday on account of “ Sri Krishna Janmastami” , the last day of the program was held on the next working day, i.e. 24<sup>th</sup> August. On the last day of the program Mrs A.Vanathi, Head of the Department - CSE, Aditya Engineering college, Surampalem, acted as the Resource Person. She explained about the term “Industries 4.0” that heralds the coming of a new industrial revolution through smart manufacturing. She elicited that the term “Industrial Internet of Things” has a more muted-sounding promise of driving operational efficiencies through automation, connectivity and analytics and the focus of IIoT — on industry at large — was broader. She emphasized that Internet of Things is revolutionizing our world in to a smarter place and in that Industrial Internet of Things (IIoT)

is part of bigger IoT system which focuses on devices and objects used in business environment. Various industrial applications such as **using IoT to drive manufacturing efficiency, Industrial Automation, Smart Robotics, Smart Logistics Management** were discussed. Also she had an interactive session with the participants on the **Future work of IoT in various fields.**



### **VALEDICTORY OF THE TRAINING PROGRAM**

The participant's feedback was collected at the end of each day of the training program. We received good feedback and participants recommended to organize this type of programs on advanced technologies in the future also.

## CERTIFICATE DISTRIBUTION IN VALEDICTORY



The Training Program ended with Valedictory on the last day. A brief report on the program was presented by Mrs G.Satya Suneetha, Convener of the Program. She stated that these five days were very productive and stimulating to the participants as they had good insight into the theoretical concepts and also had hands-on-Practice with the IoT-Kit. She also notified that the students of various reputed colleges like Dr. S.R.K. Govt. Arts College, Yanam, Govt. Degree College, Ravulapalem and Aditya Degree College, Kakinada have participated in the Training Program. In the valedictory, an interactive session with the participants was held, in which they shared their experiences in these 5 days and also gave their constructive feedback on the program. The certificates were distributed to all attendees in valedictory function of the program.

# SAMPLE CERTIFICATE



## **A.S.D. Govt Degree College for Women (Autonomous)**

(NAAC Re-Accredited Institution with 'B' Grade)

(Affiliated to Adikavi Nannaya University)

Jagannaickpur, Kakinada, E.G.Dt. (A.P.)-533002



### **FIVE-DAY NATIONAL STUDENT TRAINING PROGRAM ON**

## **IOT-Applications**

Sponsored by **RUSA-2.0**

### **CERTIFICATE**

*This is to certify that Mr./Ms. \_\_\_\_\_ of  
\_\_\_\_\_ has participated in 5 Day National Student Training program on  
**"IOT-APPLICATIONS"** Organized by the Department of Computer Science, A.S.D. Govt.  
Degree College for Women(Autonomous), Jagannaickpur, Kakinada sponsored by **RUSA-2.0** from  
19 AUG 2019 - 23 Aug 2019.*

N. Naga Subrahmanyeswari  
Convener & In-Charge

G. Satya Suneetha  
Convener

Smt. M. Suvarchala  
Principal



## NEWS PAPER COVERAGE OF THE PROGRAMME IN EENADU ON 25-08-2019

**ఈనాడు**  
epaper.eenadu.net



కార్యక్రమంలో మాట్లాడుతున్న వాసతి

### ముగిసిన శిక్షణ

జగన్నాథపురం, స్యూస్ టుడే: ఆధునిక ప్రపంచంలో నూతన ఆవిష్కరణల గురించి నేర్చుకుని ఉద్యోగ సాధనకు మార్గం సుగమం చేసుకోవాలని అన్నవరం సత్యవతి దేవి ప్రభుత్వ మహిళా డిగ్రీ కళాశాల ప్రిన్సిపల్ ఎం.సువర్చల సూచించారు. ఐదు రోజులుగా కంప్యూటర్ సైన్సు విభాగం ఆధ్వర్యంలో నిర్వహిస్తున్న 'ఇంటర్నెట్ ఆఫ్ థింగ్స్' కార్యశాల ముగింపు కార్యక్రమంలో ఆమె మాట్లాడారు. సదస్సుకు ముఖ్యఅతిథిగా విచ్చేసిన ఆదిత్య డిగ్రీ కళాశాల కంప్యూటర్ సైన్సు విభాగాధిపతి ఎ.వాసతి మాట్లాడుతూ విద్యార్థులు ఉద్యోగ సాధనకు అవసరమైన నైపుణ్యాలు సాధించాలన్నారు. ఈ కార్యక్రమంలో అధ్యాపకులు ఎన్.నాగ సుబ్రహ్మణ్యేశ్వరి, జి.సత్య, సునీత పాల్గొన్నారు.

Date : 25/08/2019 EditionName : ANDHRA PRADESH  
( EAST GODAVARI ) PageNo : 04

# NEWS PAPER COVERAGE OF THE PROGRAMME IN EENADU ON 21-08-2019

## అరచేతిలో ప్రపంచం.. అందుకో వేగం

□ సాంకేతికతను సద్వినియోగం చేసుకుంటేనే మంచి ఫలితాలు

□ కార్యశాలలో పాల్గొన్న విద్యార్థినుల మనోగతం

జగన్నాథపురం, న్యూస్ టుడే: ఒకప్పుడు ఒక ప్రాంతంలో జరిగిన సంఘటన ఆ ప్రాంతానికే లేదా, పక్క ప్రాంతానికే మాత్రమే తెలిసేది. కానీ నేడు అంతర్జాల సేవలు విస్తృతం కావడం, స్మార్ట్ ఫోన్లు అందుబాటులోకి రావడంతో ప్రపంచంలో మారుమూలన జరిగిన సంఘటనలు, వింతలు, విశేషాలు వైతం అంతా క్షణాల వ్యవధిలోనే తెలిసిపోతున్నాయి. మారుతున్న నాగరికత లోనూ మంచి, చెడు మిశ్రితమై ఉన్నాయి. వీటిని మంచికి

వినియోగించుకోవాలే తప్ప, చెడు మార్గాలకుకాదు. స్థానిక అస్థవరం సత్యవతిదేవి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో నాలుగు రోజులుగా కంప్యూటర్ విభాగం ఆధ్వర్యంలో 'ఇంటర్నెట్ ఆఫ్ థింగ్స్-ఆప్టికేషన్స్' గురించి జరుగుతున్న జాతీయ స్థాయి కార్యశాలలో పలువురు వక్తలు పాల్గొని ప్రసంగించారు. ఈ సందర్భంగా కార్యశాలలో పాల్గొన్న పలువురు విద్యార్థినులు తమ అభిప్రాయాలను 'న్యూస్ టుడే'తో పంచుకున్నారు.



కార్యశాలలో సెన్సార్ల పనితీరును ఆసక్తిగా పరిశీలిస్తున్న విద్యార్థినులు

### టెక్నాలజీకి అనుగుణంగా..

అంతర్జాల సేవలు అందించడంలో ప్రపంచం వేగంగా అభివృద్ధి చెందుతోంది. అందుకు అనుగుణంగా నైపుణ్యాలు సాధించుకోవాలి. మాకు నాలుగు రోజులుగా జరుగుతున్న కార్యశాలలో వక్తలు కంప్యూటరీకరణ అనంతర పరిణామాలపై చక్కగా వివరించారు. మారుతున్న టెక్నాలజీలకనుగుణంగా కంప్యూటర్ కోర్సులు పూర్తి చేస్తే మంచి ఉద్యోగం సాధించవచ్చు. - సాయి సంధ్య, విద్యార్థిని



### జీవితంలో ఒక భాగంగా మారింది

నేడు ప్రతి ఇంటిలో అంతర్జాల సేవలు విస్తరించాయి. మనీషి జీవనంలో ఇంటర్నెట్ ఒక భాగంగా మారింది. అంతర్జాల సేవలు లేకుంటే ఆనేక పనులు నిలిచిపోయే పరిస్థితి ఉంది. ఏటా కొత్త ఒరవడితో నూతన సేవలు అందుబాటులోకి వస్తున్నాయి. కాలానికి అనుగుణంగా ఎప్పటికప్పుడు మనల్ని సవరించుకోవాలి. - మౌనిక, డిగ్రీ విద్యార్థిని



### నియంత్రణ చట్టాలు రావాలి

చాలా మంది అంతర్జాల సేవలను మంచికే కాకుండా తప్పుడు కార్యకలాపాలకు వినియోగిస్తున్నారు. నియంత్రణకు కఠిన చట్టాలు రావాలి. సామాజిక మాధ్యమాల ద్వారా వ్యక్తులను, కొన్ని వ్యవస్థలను కించపరిచే పనులు చేయరాదు. మారుతున్న టెక్నాలజీని దేశపురోగాభివృద్ధికి వినియోగించాలి. - సీ హెచ్ మౌనిక, విద్యార్థిని



### కొత్త ప్రపంచం వైపు..

నాలుగు రోజుల నుంచి వివిధ వక్తలు మమ్మల్ని కొత్త ప్రపంచం వైపు తీసుకెళ్లారు. ఇంటర్నెట్ ద్వారా మనీషి కృత్రిమ ప్రపంచాన్ని ఎలా సృష్టించవచ్చో తెలుసుకున్నాం. ఇక్కడికి వచ్చిన నిపుణులు మా సందేహాలను నివృత్తి చేస్తున్నారు. అధ్యాపకులు ప్రోత్సాహం చాలా బాగుంది. - పి.మధుప్రియాంక, డిగ్రీ విద్యార్థిని

### అధునాతన పరికరాలతో భద్రత పెరిగింది

రక్షణ రంగంలోను, పోలీసు వ్యవస్థలోను సీసీ కెమెరాలను అనుసంధానం చేయడం, అంతర్జాలంతో పనిచేసే అధునాతన పరికరాలను వాడటం వల్ల నేడు సమాజంలో భద్రత పెరిగింది. ఎటువంటి ఆరాచకాలు జరిగినా క్షణాల్లో పసిగట్టే యంత్రాలు అందుబాటులోకి వచ్చాయి. వాటన్నింటి గురించి నిపుణులు చక్కగా వివరించారు. - ఎ.సీరజ, విద్యార్థిని



### నైపుణ్యాలు సాధించాలి

విద్యార్థులు నైపుణ్యాలు సాధిస్తే ప్రపంచంలో ప్రతిచోటా మన కోసం ఉద్యోగం అందుబాటులో ఉంటుంది. నైపుణ్యాల లేమి వల్లే చాలా మంది యువత ఉద్యోగాల సాధనలో వెనుకబడి ఉన్నారు. మారుతున్న ప్రపంచం వైపు అడుగులు వేస్తూ నైపుణ్యాలను సాధించాలి. సమాజాభివృద్ధిలో భాగస్వామ్యం కావాలి. - పి.అఖిలజ్యోతి, డిగ్రీ విద్యార్థిని







**A.S.D. Government Degree College for Women**  
**An Autonomous Institution**  
Jagannaickpur, Kakinada, Andhra Pradesh-533002  
Affiliated to Adikavi Nannaya University, Rajamahendravaram



## **INTERNAL QUALITY ASSURANCE CELL**

# **ACTIVITY**

**Between**

**Department of Computer Science**

**A.S.D. Government Degree College for**

**Women**

**&**

**Krify Software Tech.Pvt.Ltd, Timmapuram**

**Field Visit**

**A.S.D.GOV.T. DEGREE COLLEGE FOR WOMEN (A)**

(Re-Accredited with 'B' Grade by NAAC)  
(Affiliated to Adikavi Nannaya University)  
Jagannaickpur, Kakinada.

**DEPARTMENT OF COMPUTER SCIENCE**



శ్రీ విద్యాప్రవర్ధతాం

**FIELD VISIT**

TO

**KRIFY SOFTWARE TECH. PVT. LTD.**

**TIMMAPURAM**

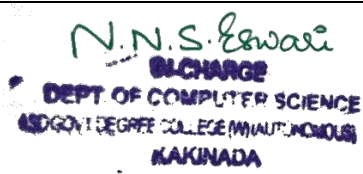

ON

**20-02-2020**

**A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)**  
**Jagannaickpur, Kakinada**

**DEPARTMENT OF COMPUTER SCIENCE**

**Activity Register 2019-2020**

Date	20-02-2020
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.)	Department of Computer Science
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	FIELD VISIT
Title of the Activity	Krify Software Technologies Pvt Ltd
Name of the Department/Committee	<b>COMPUTER SCIENCE</b>
No. of students participated	81
Brief Report on the activity	To enable the students explore about the work being done in the Software industry.
Name of the Lecturers who Planned & conducted the activity	N. Naga Subrahmanyeswari G.Satya Suneetha
Signature of the Dept. In-Charge /Convener of the Committee	
Signature of the Principal	
Remarks	

# Permission letter to Visit Krify Software Tech. Pvt. Ltd.,



**Annavaram Satyavathi Devi**  
**GOVERNMENT DEGREE COLLEGE FOR WOMEN (Autonomous), KAKINADA**  
(Under the Jurisdiction of Adikavi Nannaya University, Rajamahendravaram)  
Re-accredited by NAAC with B Grade

Smt.M.Suvarchala, M.Sc.,M.Ed.(Ph.D.)  
Principal(FAC)  
Mobile : 9346512694

Jagannaickpur, Kakinada-533002.  
Andhra Pradesh, India.  
Phone : 0884-2378446, 2386420  
Email : jkcrjyec.asdkkd@gmail.com  
Website : www.asdgdw.org

Kakinada,  
Dt: 17-02-2020.

To  
Sri Krishna Reddy, K.,  
Director,  
Krify Software Technologies (P) Ltd.,  
Ratan Towers, ADB Road  
Thimmapuram,  
Kakinada.

Dear Sir,

Sub: Industrial visit-Request for grant of permission to visit your esteemed organization.

A.S.D.Government Degree College for women (Autonomous), Kakinada, is one of the Prestigious Degree Colleges in the East Godavari District, offering various courses at the Under-Graduate level and Post- Graduate level. As part of Industrial Visit, our students of III B.Sc(M.P.Cs) and III B.Com(C.A.) are very eager to visit your esteemed organization on 20<sup>th</sup> of this month i.e., 20-02-2020. The main objective of this visit is to give the students an insight about the way things work in a Software Industry in the real life scenario.

I request you to grant permission to visit your Organization for a batch of 80 students along with 2 faculty members and interact with your skilled staff. I anticipate a positive response from your end.

Thank you and looking forward for your consent.

Yours sincerely,  
H. Suvarchala.  
17.2.2020

The Students  
has been visited

T.S. Bhattar  
HR.



# **A.S.D.GOV.T. DEGREE COLLEGE FOR WOMEN (A)**

**Jagannaickpur, Kakinada.**

## **DEPARTMENT OF COMPUTER SCIENCE**

**List of students attended Field Visit to  
Krify Software Technologies Pvt. Ltd., Timmapuram,  
Kakinada.**

<b>S.No.</b>	<b>Regd. No.</b>	<b>Name of the Student</b>
1.	172044	A.SAI MAHALAKSHMI
2.	172045	D.VIJAYA LAKSHMI
3.	172046	G.HEMA SRI
4.	172048	P.VEERA VENI
5.	172049	A.GAYATRI DEVI
6.	172050	B.KUSUMA
7.	172052	D.DIVYA
8.	172053	D.RAMASURI
9.	172054	D.NOOKARATNAM
10.	172055	D.VASUDHA
11.	172056	G.ROSHINI
12.	172058	G.NAGA DURGA
13.	172059	G.DAMAYANTHI
14.	172060	K.VENKATA DURGA BHAVANI
15.	172061	K.NOOKARATNAM
16.	172062	K.RAMA DEVI
17.	172064	K.KUMARI
18.	172065	M.MEENA KUMARI
19.	172066	M.STAYA SOWMYA
20.	172067	M.SARANYA
21.	172068	M.SIVA PARVATHI
22.	172069	MD.NAFISA
23.	172070	N.NAVYA
24.	172071	N.SATYA LAKSHMI
25.	172072	N.GNANESWARI
26.	172073	P.S.DEVI PRASANNA
27.	172074	P.SWARNA
28.	172076	SK.BASHEERA
29.	172077	S.VIJAYA SATYA KRANTHI
30.	172078	T.RAMYA
31.	172079	T.SITA RATNAM
32.	172080	T.VEERA VENI



33.	172081	V.SATYA KALYANI
34.	172082	A.SATYA SAI
35.	172083	D.HARIKA
36.	172084	G.SUVARNA
37.	172085	K.MONIKA
38.	172086	K.V.V.N. KRISHNA SITHA DURGA BHAVANI
39.	172087	K.RAJESWARI
40.	172089	N.POOJITHA
41.	172090	N.BHARGAVI
42.	172091	P.SANDHYA DURGA
43.	172092	P.MANI
44.	172093	P.GRACE
45.	172094	R.SAVATHRI
46.	172095	S.KAVYA
47.	172096	S.RANI
48.	172097	S.SIRISHA
49.	172098	S.SIRISHA
50.	172099	T.MAHA LAKSHMI
51.	172100	Y.PRATHIBHA
52.	172101	Y.KUSUMA
53.	172102	M.RAMYA SRI
54.	172103	K.SANDHYA
55.	173123	P. ALEKHYA
56.	173124	A. LAKSHMI SYAMALA
57.	173125	Ch. MOUNIKA
58.	173126	D. KANCHANA
59.	173127	E. NAVYA RATNAM
60.	173128	G. GAYATHRI DEVI
61.	173130	M. MARY RATNAM
62.	173131	M. L. SURYAVATHI
63.	173132	M. SATYA SRIJA
64.	173133	P. UMA DEVI
65.	173134	R. SAI SOWMYA
66.	173135	T. SAI SANDHYA
67.	173136	V. DURGA DEVI
68.	173137	A. MADHAVI
69.	173138	A. LEELA DURGA
70.	173139	A. APPALANARASA
71.	173141	K. NANDEESWARI
72.	173142	M. CHINNARI
73.	173143	M. GOWTHAMI
74.	173143	N. DEVI SRI
75.	173144	N. PAPA
76.	173146	T. DURGA BHAVANI
77.	173147	U. MALLIKA
78.	173148	V. SYAMALA KUMARI
79.	173149	V. RAJESWARI
80.	173150	Y. THIRUMALA RAMANI
81.	173152	B. VENKATA RAMYA

# A.S.D.GOV.T. DEGREE COLLEGE FOR WOMEN (A)

Jagannaickpur, Kakinada.

## DEPARTMENT OF COMPUTER SCIENCE

Attendance sheet of Field Visit to

**Krify Software Technologies Pvt. Ltd., Timmapuram,  
Kakinada.**

S.No.	Regd. No.	Name of the Student	Signature of the Student
1.	172044	A.SAI MAHALAKSHMI	A. Sai maha lakshmi
2.	172045	D.VIJAYA LAKSHMI	D.Vijaya Lakshmi
3.	172046	G.HEMA SRI	G. Hema Sri
4.	172048	P.VEERA VENI	P. Veera Veni
5.	172049	A.GAYATRI DEVI	A. Gayatri Devi
6.	172050	B.KUSUMA	B. Kusuma
7.	172052	D.DIVYA	D. Divya
8.	172053	D.RAMASURI	D. Ramasuri
9.	172054	D.NOOKARATNAM	D. Nookaratnam
10.	172055	D.VASUDHA	Vasudha Dasari
11.	172056	G.ROSHINI	G. Roshini
12.	172058	G.NAGA DURGA	G. Naga Durga
13.	172059	G.DAMAYANTHI	G. Damayanthi
14.	172060	K.VENKATA DURGA BHAVANI	K.V.D. Bhavani
15.	172061	K.NOOKARATNAM	K. Nookaratnam
16.	172062	K.RAMA DEVI	K. Rama Devi
17.	172064	K.KUMARI	K. Kumari
18.	172065	M.MEENA KUMARI	M. Meena Kumari
19.	172066	M.STAYA SOWMYA	M. Satya Sowmya
20.	172067	M.SARANYA	M. Saranya
21.	172068	M.SIVA PARVATHI	M. Siva Parvathi
22.	172069	MD.NAFISA	MD. Nafisa
23.	172070	N.NAVYA	N. Navya
24.	172071	N.SATYA LAKSHMI	N. Satya Lakshmi
25.	172072	N.GNANESWARI	N. Gnaneswari
26.	172073	P.S.DEVI PRASANNA	P. S. D. Prasanna
27.	172074	P.SWARNA	P. Swarna
28.	172076	SK.BASHEERA	SK. BASheera.
29.	172077	S.VIJAYA SATYA KRANTHI	S.V.S. Kranthi
30.	172078	T.RAMYA	T. Ramya
31.	172079	T.SITA RATNAM	T. Ramya Sitalratnam
32.	172080	T.VEERA VENI	T. Veera Veni
33.	172081	V.SATYA KALYANI	V. satyakalyani
34.	172082	A.SATYA SAI	A. Satya Sai

35.	172083	D.HARIKA	D. Harika
36.	172084	G.SUVARNA	G. SUVARNA
37.	172085	K.MONIKA	K. MONIKA
38.	172086	K.V.V.N. KRISHNA SITHA DURGA BHAVANI	K.V.V.N.K.S.D. Bhavani
39.	172087	K.RAJESWARI	K. Rajeswari
40.	172089	N.POOJITHA	N. poojitha
41.	172090	N.BHARGAVI	N. Bhargavi
42.	172091	P.SANDHYA DURGA	P. sandhya durga
43.	172092	P.MANI	P. mani
44.	172093	P.GRACE	P. Grace
45.	172094	R.SAVATHRI	R. Savithri
46.	172095	S.KAVYA	S. Kavya
47.	172096	S.RANI	S. Rani
48.	172097	S.SIRISHA	S. Sirisha
49.	172098	S.SIRISHA	S. sirisha.
50.	172099	T.MAHA LAKSHMI	T. Mahalakshmi
51.	172100	Y.PRATHIBHA	Y. Prathibha
52.	172101	Y.KUSUMA	Y. Kusuma
53.	172102	M.RAMYA SRI	M. Ramya Sri
54.	172103	K.SANDHYA	K. Sandhya
55.	173123	P. ALEKHYA	P. Alekhya
56.	173124	A. LAKSHMI SYAMALA	A. Lakshmi Syamala
57.	173125	Ch. MOUNIKA	Ch. Mounika
58.	173126	D. KANCHANA	D. Kanchana
59.	173127	E. NAVYA RATNAM	E. Navya Ratna
60.	173128	G. GAYATHRI DEVI	G. Gayathri Devi
61.	173130	M. MARY RATNAM	M. Mary Ratnam
62.	173131	M. L. SURYAVATHI	M. Lakshmi Suryavathi
63.	173132	M. SATYA SRIJA	M. Satya Srija
64.	173133	P. UMA DEVI	P. Uma Devi
65.	173134	R. SAI SOWMYA	R. Sai Sowmya
66.	173135	T. SAI SANDHYA	T. Sai Sandhya
67.	173136	V. DURGA DEVI	V. Durga Devi
68.	173137	A. MADHAVI	A. Madhavi
69.	173138	A. LEELA DURGA	A. Leela Durga
70.	173139	A. APPALANARASA	A. Appalanarasa
71.	173141	K. NANDEESWARI	K. Nandeeswari
72.	173142	M. CHINNARI	M. Chinnari
73.	173143	M. GOWTHAMI	M. Gowthami
74.	173143	N. DEVI SRI	N. Devi Sri
75.	173144	N. PAPA	N. Papa
76.	173146	T. DURGA BHAVANI	T. Durga Bhavani
77.	173147	U. MALLIKA	U. Mallika
78.	173148	V. SYAMALA KUMARI	V. Syamalakumari
79.	173149	V. RAJESWARI	V. Rajeswari
80.	173150	Y. THIRUMALA RAMANI	Y. T. Ramani
81.	173152	B. VENKATA RAMYA	B. Venkata Ramya

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**Students at Krify Software Tech. Pvt. Ltd.,**



**Students talking to HR at Krify Software Tech. Pvt. Ltd.,**