DRK INSTITUTE OF SCIENCE&TECHNOLOGY
BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043
Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: www.drkist.edu.in
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# List of Certificate/ Add-on Programs

**Academic Year: 2019-20**

| S.No | Name of the Program | Duration of Course | No. of Participants |
|---|---|---|---|
| 1 | A Two weeks Certification Course on 'MATLAB Basics and Beyond for Engineering Applications | 02-09-2019-16/09/19 | 25 |
| 2 | A Two weeks Certification Course on Embedded Systems and IOT | 18/11/19-30/11/19 | 192 |
| 3 | A Two weeks Certification Course on Blockchain and Cryptocurrencies | 17/09/19-27/09/19 | 279 |
| 4 | A Two weeks Certification Course on Project Appraisal and Finance | 11-09-2019-21/09/19 | 63 |

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Mobile: +91-9000711899, +91-8790711899, Website: www.drkist.edu.in

**Ref .No: DRKIST/EEE/AOP/2019-20/01**

**Date:** 26/08/2019

# CIRCULAR

Department of EEE organizing **A Two weeks Certification Course on 'MATLAB Basics and Beyond for Engineering Applications'** for third year and final year students of EEE. Interested students can enroll their names to B.CHANDRA SHEKAR REDDY, on or before **01/09/2019**. Certificate will be issued to the students after successful completion of the course. The details contents of the course and other information is attached herewith.

| S.no | Name of the course | Date of commencement | Venue |
|---|---|---|---|
| 1 | A Two Weeks Certification Course on 'MATLAB Basics and Beyond for Engineering Applications.' | 02/09/2019 | Seminar Hall |

HoD

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Bowrampet, Qutbullapur, Hyderabad-500 043

**Copy to**

1. **Principal.**
2. **Office Room.**
3. **Notice Board.**
4. **Head of CSE Dept.**
5. **Head of ECE Dept.**
6. **Head of Mech Dept.**
7. **Head of MBA Dept.**

## *ABOUT THE DRKIST*

The DRK Institute of Science and Technology's journey of success began in 2004 under the visionary leadership of Mr. D.B. Chandra Sekhar Rao. He founded the institute in honor of his late father, Sri Dasari Rama Kotaiah Garu.Mr.D.B.ChandraShekarRao,a distinguished and successful entrepreneur, established the institute with an unwavering commitment to providing high-quality education. His vision was to create a leading institution that would contribute to the nation's economic and industrial growth. DRK Institute of Science and Technology is part of the DRK Educational Society, which has made significant investments in infrastructure, academic resources, and career development opportunities for its students. The institute dedicates itself to cultivating a dynamic learning environment that enhances its students' conceptual and technical skills, equipping them for the challenges of the modern world.

## ABOUT THE EEE DEPARTMENT

The department of Electrical and Electronics Engineering was established in the year 2004. It offers UG with intake of 30 students. The students are offered with innovative workshops, guest lectures informative industrial visits etc. on a regular basis, to keep them updated with the latest trends in electrical and electronics engineering. Well- equipped labs and sound academic record faculty are provided to make the students feel the greatness of Electrical Engineering. DRK values the importance of this stream, and honors it by providing the course.

## About the Certificate Program

MATLAB and Simulink are used to teach fundamental electrical and computer engineering concepts spanning theory to hands-on projects. MATLAB an excellent tool for teaching and research.

## *TOPICS COVERED*

- An overview of MATLAB
- Programming with MATLAB
- Arrays
- Functions
- Advanced Plotting
- Model Building and Regression
- Linear Algebraic Equations
- Statistics, Probability and Interpolation
- Numerical Methods for Calculus Differential Equations

A 10 DAY CERTIFICATE PROGRAMME

ON

# MATLAB BASICS AND BEYOND FOR ENGINEERING APPLICATIONS

SEP 2ND
TO
SEP 16TH 2019

Organized by EEE Department

DRK Institute of Science and Technology

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D.B.Chandra Shekara Rao
Chairman

## Patrons

Sri. D. Santosh
Secretary

Sri. D. Sriram
Treasurer

Dr. M.V.SRIDHAR
Principal

## Coordinator

B.CANDRA SHEKAR REDDY
Assistant Professor, EEE

Dr. P.SRINIVAS
Head

## Address for communication

B.CANDRA SHEKAR REDDY
Coordinator, EEE, Assistant Professor
9908603701

## Registration Details

**Last Date for Registration 1st September 2019**

*"No matter how good the team or how efficient the methodology. If we're not solving the right problem, the project fails."*

## REGISTRATION FORM

*A TWO WEEKS CERTIFICATE PROGRAMME*

*On*

***INDUSTRIAL AUTOMATION WITH PLC AND SCADA***

Name: Mr. /Ms.: _____

Reg .No: _____

Department: _____

Organization: _____

Address: _____
_____
_____

Phone: _____

Email: _____

Signature of Participant

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## Department of Electrical and Electronics Engineering

---

**Course Name: - A Two Weeks Certification Course on 'MATLAB Basics and Beyond for Engineering Applications'**

| S. No | Topics to be covered |
|---|---|
| 1. | Day-1 : An overview of MATLAB |
| 2. | Day-2 : Programming with MATLAB |
| 3. | Day-3 : Arrays |
| 4. | Day-4 : Functions |
| 5. | Day-5 : Advanced Plotting |
| 6. | Day-6 : Model Building and Regression |
| 7. | Day-7 : Linear Algebraic Equations |
| 8. | Day-8 : Probability and Interpolation |
| 9. | Day-9 : Numerical Methods |
| 10. | Day-10: Statistics |
| 11. | Day-11: Calculus |
| 12. | Day-12: Differential Equations |

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## Department of Electrical and Electronics Engineering

**Course Name: - A Two Weeks Certification Course 'MATLAB Basics and Beyond for Engineering Applications.'**

| S. No | Topics to be covered | Dates |
|---|---|---|
| 1. | An Overview of MATLAB<br>• Introduction.<br>• Computation,<br>• Symbolic Computing,<br>• User Interfaces | 2/09/19 |
| 2. | Programming with MATLAB<br>• Get Started with MATLAB.<br>• Language Fundamentals.<br>• Data Import and Analysis.<br>• Mathematics.<br>• Graphics. | 3/09/19 |
| 3. | Arrays<br>• Numeric<br>• Cell<br>• Structure | 4/09/19 |
| 4 | Functions<br>• Function creation<br>• Argument definition<br>• Scope variables and Generate names<br>• Error Handling | 5/09/19 |
| 5. | Advanced plotting<br>• 3D Surface and Contour Plots.<br>• Annotations and the Plot Editor.<br>• Coordinate Conversion.<br>• Multiple figures inside a figure.<br>• Root Properties.<br>• Rotating Figures and Creating Movies. | 7/09/19 |
| 6. | Model Building and Regression<br>• Linear Regression.<br>• Generalized Linear Models.<br>• Nonlinear Regression.<br>• Gaussian Process Regression.<br>• Regression Trees.<br>• Regression Tree Ensembles. | 9/09/19 |
| 7. | Linear Algebraic Equations<br>• Vectors<br>• Matrices<br>• Linear functions | 10/09/19 |
| 8. | Probability<br>Interpolation | 11/09/19 |

| | | |
|---|---|---|
| 9. | Numerical Methods | 12/09/19 |
| 10. | Statistics<br>• Descriptive Statistics | 13/09/19 |
| 11. | Calculus<br>• Numerical integration<br>• Line integrals<br>• Differentiation | 14/09/19 |
| 12. | Differential Equations.<br>• Linear differential equations<br>• Non-linear differential equations | 16/09/19 |

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## Department of Electrical and Electronics Engineering

Name of the Course: A **Two Weeks Certification Course on 'MATLAB Basics and Beyond for Engineering Applications'**

### Registration Details

| S. NO | NAME OF THE STUDENT | YEAR/BRANCH | SIGNATURE |
|---|---|---|---|
| 1 | ARBIND GIRI | III EEE | Giri |
| 2 | GORLE CHAITANYA | III EEE | G. Chaitanya |
| 3 | KONUGONDA VARUN KUMAR | III EEE | Varun Kumar |
| 4 | KUMBAM VINAY | III EEE | Vinay |
| 5 | MITHIPATI SAI KRISHNA | III EEE | R. Sai Krishna |
| 6 | P JAYA PRAKASH | III EEE | Prakash |
| 7 | PENTA NAVEEN KUMAR | III EEE | P.N. Kumar |
| 8 | VEDURU ASHOK REDDY | III EEE | V. Ashok |
| 9 | ADELLI SAHITHI | III EEE | A. Sahithi |
| 10 | ANKATHI PAVAN RAJU | III EEE | Pavan Raju |
| 11 | AVOUSALI GANESH CHARRY | III EEE | Ganesh |
| 12 | BODA SAI KUMAR | III EEE | Sai Kumar |
| 13 | BOPPIDI ANUSHA | III EEE | B. Anusha |
| 14 | DILIP KUMAR YADAV | III EEE | Dilip |
| 15 | G RAKSHITH | III EEE | G Rakshith |
| 16 | GUMMADI MANIKANTA | III EEE | G. Manikanta |
| 17 | KANDIKATLA VIVEK | III EEE | Vivek |
| 18 | KUNTIGORLA PAVAN KALYAN | III EEE | K. P Kalyan |
| 19 | MARA GANESH | III EEE | M. Ganesh |
| 20 | PATHIVADA NAVEEN | III EEE | P. Naveen |

| | | | |
|---|---|---|---|
| 21 | PULLURU VAMSHI KRISHNA | III EEE | Vamshi Krishna |
| 22 | RAMAGIRI MADAVA | III EEE | |
| 23 | RATHLAVATH PRIYANKA | III EEE | Priyanka. |
| 24 | SULTHAN RAJASEKHAR | III EEE | Rajasekhar |
| 25 | U PRAVEEN KUMAR | III EEE | Praveen |

chandrash.

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## Department of Electrical and Electronics Engineering

## ATTENDANCE SHEET

Name of the Course: A Two weeks Certification Course on "MATLAB Basics and Beyond for Engineering Applications"

| S. No | Name of Student | Day1 | Day2 | Day3 | Day4 | Day5 | Day6 | Day7 | Day8 | Day9 | Day10 | Day11 | Day12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ARBIND GIRI | P | P | P | P | P | P | P | P | P | P | P | P |
| 2 | GORLE CHAITANYA | P | P | P | P | P | P | P | P | P | P | P | P |
| 3 | KONUGONDA VARUN KUMAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 4 | KUMBAM VINAY | P | P | P | P | P | P | P | P | P | P | P | P |
| 5 | MITHIPATI SAI KRISHNA | P | P | P | P | P | P | P | P | P | P | P | P |
| 6 | P JAYA PRAKASH | P | P | P | P | P | P | A | P | P | P | P | P |
| 7 | PENTA NAVEEN KUMAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 8 | VEDURU ASHOK REDDY | P | P | P | A | P | P | P | P | P | P | P | P |
| 9 | ADELLI SAHITHI | P | P | P | P | P | P | P | P | P | P | P | P |
| 10 | ANKATHI PAVAN RAJU | P | P | P | P | P | P | P | P | P | P | P | P |
| 11 | AVOUSALI GANESH CHARRY | P | P | P | P | P | P | P | P | P | P | P | P |
| 12 | BODA SAI KUMAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 13 | BOPPIDI ANUSHA | P | P | P | P | P | P | P | P | P | P | P | P |
| 14 | DILIP KUMAR YADAV | P | P | P | P | P | P | P | P | P | P | P | P |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | G RAKSHITH | P | P | P | P | P | P | P | P | P | P | P | P |
| 16 | GUMMADI MANIKANTA | P | P | P | P | P | P | P | P | P | P | P | P |
| 17 | KANDIKATLA VIVEK | P | P | P | P | P | P | P | P | P | P | P | P |
| 18 | KUNTIGORLA PAVAN KALYAN | P | P | P | P | P | P | P | P | P | P | P | P |
| 19 | MARA GANESH | P | P | P | P | P | P | P | P | P | P | P | P |
| 20 | PATHIVADA NAVEEN | P | P | P | P | P | P | P | P | P | P | P | P |
| 21 | PULLURU VAMSHI KRISHNA | P | P | P | P | P | P | P | P | P | P | P | P |
| 22 | RAMAGIRI MADAVA | P | P | P | P | P | P | P | P | P | P | P | P |
| 23 | RATHLAVATH PRIYANKA | P | P | P | P | P | P | P | P | P | P | P | P |
| 24 | SULTHAN RAJASEKHAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 25 | U PRAVEEN KUMAR | A | A | A | A | A | A | A | A | A | A | A | A |

Chandrakala

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## Department of Electrical and Electronics Engineering

### PROGRAM REPORT

**Name of the Course:** A Two- Weeks Certification Course on MATLAB Basics and Beyond for Engineering Applications

**Date** : 02/09/19 - 16/09/19

**Event Coordinator** : Mr. B.CHANDRA SHEKAR REDDY, Assistant professor, Dept. of EEE

**Number of students attended: 24**

**Venue** : Seminar Hall- 2, DRK Institute of science and technology

**DRK Institute of science and technology** organized certificate program on "**MATLAB Basics and Beyond for Engineering Applications**" for B-tech III year and IV year students. MATLAB is a programming platform designed specifically for engineers to analyze and desigr systems and products that transform our world. The heart of MATLAB is the MATLAB language, a matrix-based language allowing the most natural expression of computational mathematics.

**Objectives**

- To master in MATLAB Basics
- Acquire the ability to perform complex matrix operations
- To solve mathematical equations
- To create matrices
- To modify fundamental data structures
- To develop programming skills
- To analyze data

**Learning Outcomes**

- Students are able to understand MATLAB beyond technically.
- Students able to apply numeric techniques to solve engineering related problems.
- Students able to perform computer simulations.
- Use MATLAB effectively to analyze and visualize data.
- To design systems and products that transform our world

The course is very useful to the students and their feedback is positive. The management and principal of DRK institute of Science and Technology thanked the participants for making the program successful.

**COORDINATOR**

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## Department of Electrical and Electronics Engineering

**COURSE NAME: "A Two Weeks Certification Course on MATLAB Basics and Beyond for Engineering Applications"**

### Grade Sheet

| S. NO | NAME OF THE STUDENT | YEAR/BRANCH | GRADE |
|---|---|---|---|
| 1 | ARBIND GIRI | III EEE | A |
| 2 | GORLE CHAITANYA | III EEE | A |
| 3 | KONUGONDA VARUN KUMAR | III EEE | A |
| 4 | KUMBAM VINAY | III EEE | A |
| 5 | MITHIPATI SAI KRISHNA | III EEE | A |
| 6 | P JAYA PRAKASH | III EEE | A |
| 7 | PENTA NAVEEN KUMAR | III EEE | B |
| 8 | VEDURU ASHOK REDDY | III EEE | A |
| 9 | ADELLI SAHITHI | III EEE | A |
| 10 | ANKATHI PAVAN RAJU | III EEE | A |
| 11 | AVOUSALI GANESH CHARRY | III EEE | A |
| 12 | BODA SAI KUMAR | III EEE | B |
| 13 | BOPPIDI ANUSHA | III EEE | A |
| 14 | DILIP KUMAR YADAV | III EEE | A |
| 15 | G RAKSHITH | III EEE | A |
| 16 | GUMMADI MANIKANTA | III EEE | A |
| 17 | KANDIKATLA VIVEK | III EEE | A |
| 18 | KUNTIGORLA PAVAN KALYAN | III EEE | A |
| 19 | MARA GANESH | III EEE | A |
| 20 | PATHIVADA NAVEEN | III EEE | A |

| | | | |
|---|---|---|---|
| | PULLURU VAMSHI KRISHNA | [illegible] | A |
| 22 | RAMAGIRI MADAVA | III EEE | B |
| 23 | RATHLAVATH PRIYANKA | III EEE | A |
| 24 | SULTHAN RAJASEKHAR | III EEE | A |
| 25 | U PRAVEEN KUMAR | III EEE | Ab |

chandrasekhar

**COORDINATOR**

**HoD**

# DRK Institute of Science and Technology

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## PARTCIPATION CERTIFICATE

THIS IS TO CERTIFY THAT

Mr. /Mrs. /Ms. **P.JAYA PRAKASH (III YEAR EEE)** has
Participated in a certification course on
**" MATLAB Basics and Beyond for Engineering Applications"**
Organized by the Department of Electrical and Electronics Engineering From 02/09/2019 TO 13/09/2019.

coordinator

HoD

principal

# DRK Institute of Science and Technology

(Approved by AICTE & Affiliated to JNTUH)

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## PARTCIPATION CERTIFICATE

THIS IS TO CERTIFY THAT

Mr. /Mrs. /Ms. **M.SAI KRISHNA (III YEAR EEE)** has
Participated in a certification course on
" **MATLAB Basics and Beyond for Engineering Applications**"
Organized by the Department of Electrical and Electronics Engineering From 02/09/2019 TO 13/09/2019.

Coordinator

HoD

Principal

# DRK Institute of Science and Technology

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BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD – 500043

19/20

Course Title: K. Vinay

Name: Matlab Basics and Beyond for Engineering Applications

Program/Year: BTech/III

1. What does MATLAB stands for [d]
   a) Math analysis language tool
   b) Matrix analysis language tool
   c) Mathematical analysis language
   d) Matrix laboratory
2. Which command in MATLAB is used to create a new variable? [c]
   a) New
   b) Var
   c) Create
   d) Let
3. What is the default extension of a MATLAB script file? [b]
   a) .mat
   b) .m
   c) .md
   d) .txt
4. Which of the following statements is used to create a FOR loop in MATLAB? [a]
   a) While
   b) Do-while
   c) For
   d) Repeat-until
5. Which command in MATLAB is used to display the contents of a variable? [c]
   a) Show
   b) Display
   c) disp
   d) print
6. What is the result of the following expression in MATLAB : 3+5*2 [c]
   a) 16
   b) 11
   c) 13
   d) 15
7. Which of the following commands is used to generate a random number in MATLAB? [b]

a) random
b) rand
c) randn
d) randomize

8. Which of the following commands is used to calculate the square root of a number in MATLAB? [a]
   a) Sqrt
   b) Root
   c) Power
   d) Exp
9. Which of the following command is used to read input from the user in MATLAB? [a]
   a) Input
   b) Read
   c) Read IN
   d) Get
10. Which command is used to create a plot? [a]
    a) Plot
    b) Create plot
    c) Draw plot
    d) Make plot
11. Which of the following commands is used to find the maximum element of a matrix in MATLAB? [a]
    a) Min
    b) Max
    c) Findmax
    d) Maximum
12. Which of the following commands used to calculate the dot product of two vectors in MATLAB? [a]
    a) Dot
    b) Cross
    c) Inner
    d) Product
13. Which of the following commands used to round a number to the nearest integer in MATLAB? [a]
    a) Round
    b) Ceil
    c) Floor
    d) Fix
14. Which of the following commands is used to calculate the inverse of a matrjx in MATLAB? [b]
    a) Inverse
    b) Inv
    c) Transpose
    d) Invert

15. Which of the following commands is used to calculate the transpose of a matrix in MATLAB?
    a) transpose [a]
    b) trans
    c) t
    d) tr
16. Which of the following commands is used to the mean of a matrix in MATLAB? [a]
    a) Mean
    b) avg
    c) average
    d) Matmean
17. Which of the following commands is used to resize an array in MATLAB? [b]
    a) Size
    b) Resize
    c) Shape
    d) Arrayresize
18. Command is used to save command text to file? [a]
    a) saveas
    b) texttofile
    c) diary
    d) todiary
19. To stop the execution of a MATLAB command, used keys [a]
    a) Ctrl +c
    b) Ctrl + S
    c) Ctrl + b
    d) Ctrl + enter
20. Index of an array MATLAB start with [b]
    a) 0
    b) 1
    c) Depends on the class of array
    d) unknown

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Mobile: +91-9000711899, +91-8790711899, Website: www.drkist.edu.in

## Department of Electrical and Electronics Engineering

### FEEDBACK FORM OF CERTIFICATE COURSE

**Course Title:** MATLAB Basics and Beyond for Engineering Applications **Course Code:** 2019EE01

**Name of Participant:** Arbind Giri **Year/ Sem :** III/ I

**Courses Duration:** Two weeks

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered wax sufficient | ✓ | | | |
| The course gives fair exposure to industry-based topic | | ✓ | | |
| Duration of course was appropriate | ✓ | | | |
| Course met the overall expectations | ✓ | | | |
| | | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | ✓ | | | |
| Faculty have good command over the course contents | ✓ | | | |
| The content was clearly explained | ✓ | | | |
| Queries and doubts were cleared by faculty | | ✓ | | |

Giri

**Signature of Participant**

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Mobile: +91-9000711899, +91-8790711899, Website: www.drkist.edu.in

## Department of Electrical and Electronics Engineering

### FEEDBACK FORM OF CERTIFICATE COURSE

**Course Title:** Matlab Basics and Beyond for Engineering Applications **Course Code:** 2019EE01

**Name of Participant:** B. Sai Kumar **Year/ Sem :** III/I

**Courses Duration:** Two weeks

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered wax sufficient | ✓ | | | |
| The course gives fair exposure to industry-based topic | ✓ | | | |
| Duration of course was appropriate | | ✓ | | |
| Course met the overall expectations | ✓ | | | |
| | | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | ✓ | | | |
| Faculty have good command over the course contents | | ✓ | | |
| The content was clearly explained | | ✓ | | |
| Queries and doubts were cleared by faculty | ✓ | | | |

Saikumar

Signature of Participant

DRK Institute of Science and Technology
(Approved by AICTE & Affiliated to JNTUH)
( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)
Department of Electronics and Communication Engineering

**Ref.NO: DRKIST/ECE/AOP/2019-20/01** **Date:24/10/2019**

# CIRCULAR

Department of ECE organizing **"A Two-Week Certification Course on Embedded Systems and IoT"** for **ECE** students. Interested students can enrol their names to **Mrs. P. NAGASPANDANA** (Program Coordinator) on or before **04/11/2019**. Certificates will be issued to the students after successful completion of the course. The detail contents of the course and other information is attached herewith.

| S.no | Name of the course | Date of commencement | Venue |
|---|---|---|---|
| 1 | A Two-week certification course on Embedded Systems and IoT | 18/11/2019 | Seminar hall, Room no:003 |

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DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043

DRK INSTITUTE OF SCIENCE & TECHNOLOGY C.C: N7 HYD-043

**Copy to**

1. **Office Room.**
2. **Exam Cell.**
3. **Library.**
4. **Head of CSE Dept.**
5. **Head of EEE Dept.**
6. **Head of Mech Dept.**
7. **Head of S&H Dept.**
8. **Head of MBA Dept.**

## ABOUT THE DRKIST

The DRK Institute of Science and Technology's journey of success began in 2004 under the visionary leadership of Mr. D.B. Chandra Sekhar Rao, who founded the institute in honor of his late father, Sri Dasari Rama Kotaiah Garu. Mr. D.B. Chandra Sekhar Rao, a distinguished entrepreneur, established the institute with a commitment to high-quality education, aiming to contribute to the nation's economic and industrial growth. As part of the DRK Educational Society, the institute has invested significantly in infrastructure, academic resources, and career development, fostering a dynamic learning environment that enhances students' conceptual and technical skills for modern challenges

## ABOUT THE ECE DEPARTMENT

The department of Electronics and Communication Engineering was established in 2006. The students are offered with innovative workshops, guest lectures informative industrial visits etc. on a regular basis, to keep them updated with the latest trends in Electronics and Communication Engineering. Well-equipped labs and sound academic record faculty are provided to make the students feel the greatness of Electronics and communication Engineering. DRK values the importance of this stream, and honors it by providing the course.

## ABOUT THE CERTIFICATION COURSE

A Two week certification course on "Embedded Systems and IoT" focuses on developing skills to design and manage embedded systems and Internet of Things (IoT) devices. It covers topics like microcontroller programming, real-time operating systems, sensor integration, and network communication. Participants gain hands-on experience with hardware and software, preparing them for roles in creating and managing smart devices and systems.

## TOPICS TO BE COVERED

- Introduction to Embedded Systems
- Introduction to IoT
- Introduction to Microcontrollers
- Hands-on Session 1: Microcontroller Programming
- Hands-on Session 2: Sensor Interfacing
- Introduction to Communication Protocols
- Hands-on Session 3: Wireless Communication
- Overview of IoT Platforms
- Hands-on Session 4: IoT Project Implementation
- Hands-on Session 4: IoT Project Implementation
- Final Project Work
- Project Work and Presentation

# A TWO WEEK CERTIFICATION COURSE ON

# EMBEDDED SYSTEMS AND IoT

18TH NOVEMBER 2019 TO 30TH NOVEMBER 2019

## Organized by ECE Department

DRK Institute of Science and Technology

BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043
Mobile: +91-9000711899, +91-8790711899,
, Website: www.drkist.edu.in (Approved by AICTE, Affiliated to JNTUH)

DRK Institute of Science and Technology
(Approved by AICTE & Affiliated to JNTUH)
( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)
Department of Electronics and Communication Engineering

**Course Title: "A Two-Week Certification Course on Embedded Systems and IoT"**

**Weekly Schedule**

| S.NO | | Topics to be covered |
|---|---|---|
| 1. | Week 1: Introduction to Embedded Systems and IoT | Day 1: Introduction to Embedded Systems |
| 2. | | Day 2: Introduction to IoT |
| 3. | | Day 3: Introduction to Microcontrollers |
| 4. | | Day 4: Hands-on Session 1: Microcontroller Programming |
| 5. | | Day 5: Hands-on Session 2: Sensor Interfacing |
| 6. | | Day 6: Introduction to Communication Protocols |
| 7. | Week 2: IoT Platforms and Project Implementation | Day 7: Hands-on Session 3: Wireless Communication |
| 8. | | Day 8: Overview of IoT Platforms |
| 9. | | Day 9: Hands-on Session 4: IoT Project Implementation |
| 10. | | Day 10: Hands-on Session 4: IoT Project Implementation |
| 11. | | Day 11: Final Project Work |
| 12. | | Day 12: Project Work and Presentation |

Program Coordinator

HoD ECE

PRINCIPAL

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043.

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Department of Electronics and Communication Engineering

**Course Name: "A Two-Week Certification Course on Embedded Systems and IoT"**

**Course Syllabus**

| S.NO | Topics to be covered | DATE |
|---|---|---|
| 1. | Day 1: Introduction to Embedded Systems<br>- Basics of systems<br>- Overview of microcontrollers and their applications | 18/11/2019 |
| 2. | Day 2: Introduction to IoT<br>- IoT ecosystem and applications<br>- IoT architecture and components | 19/11/2019 |
| 3. | Day 3: Introduction to Microcontrollers<br>- Types of microcontrollers (Arduino, Raspberry Pi)<br>- Setting up development environment | 20/11/2019 |
| 4. | Day 4: Hands-on Session 1: Microcontroller Programming<br>- Writing and uploading basic programs<br>- Interfacing with LEDs and switches | 21/11/2019 |
| 5. | Day 5: Introduction to Sensors<br>- Types of sensors (temperature, humidity, motion, etc.)<br>- Sensor characteristics and selection criteria | 22/11/2019 |
| 6. | Day 6: Hands-on Session 2: Sensor Interfacing<br>- Connecting and reading sensor data<br>- Calibration and troubleshooting | 23/11/2019 |

| | | |
|---|---|---|
| 7. | Day 7: Introduction to Communication Protocols<br>- Serial communication (UART, SPI, I2C)<br>- Wireless communication protocols (Wi-Fi, Bluetooth) | 25/11/2019 |
| 8. | Day 8: Hands-on Session 3: Wireless Communication<br>- Setting up Wi-Fi communication<br>- Sending and receiving data wirelessly | 26/11/2019 |
| 9. | Day 9: Overview of IoT Platforms<br>- Introduction to popular IoT platforms (AWS IoT, Google Cloud IoT)<br>- Cloud connectivity and data management | 27/11/2019 |
| 10. | Day 10: Hands-on Session 4: IoT Project Implementation<br>- Integrating sensors and actuators into an IoT application<br>- Data visualization and remote monitoring | 28/11/2019 |
| 11. | Day 11: Final Project Work<br>- Refining IoT applications<br>- Testing and debugging | 29/11/2019 |
| 12. | Day 12: Project Presentations and Wrap-Up<br>- Each group presents their IoT project<br>- Q&A session and workshop evaluation | 30/11/2019 |

Program Coordinator

HoD ECE

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## Department of Electronics and Communication Engineering

**Certificate Course on "A Two-Week Certification Course on Embedded Systems and IoT"**

**Signature Sheet**

| S.NO | NAME | YEAR | SIGNATURE |
|---|---|---|---|
| 1 | A P PREETHI | IV YEAR | |
| 2 | AKKAPALLY BHARGAVI | IV YEAR | |
| 3 | ALLU AKHIL REDDY | IV YEAR | |
| 4 | ANNE DHANUSH | IV YEAR | |
| 5 | ANUGU MANOGNA REDDY | IV YEAR | |
| 6 | ANUGU MOUNIKA | IV YEAR | |
| 7 | ASHISH KUMAR NATH | IV YEAR | |
| 8 | BHEEMANI YASHWANTH | IV YEAR | |
| 9 | BILLA SAI SRI | IV YEAR | |
| 10 | BODDOLLU SHIVANI | IV YEAR | |
| 11 | BOLLI SRIDHAR | IV YEAR | |
| 12 | BOMMAKANTI AKHIL | IV YEAR | |
| 13 | BORRA SUDHEER | IV YEAR | |
| 14 | BUCHHAGARI RAJESHWAR REDDY | IV YEAR | |
| 15 | BUCHI YATEESH REDDY | IV YEAR | |
| 16 | BUKKA SAI SHIVANI | IV YEAR | |
| 17 | BUSSA BHARATHVAJ | IV YEAR | |
| 18 | C SUNIL | IV YEAR | |
| 19 | CHALAKAPALLY PRIYATHAM | IV YEAR | |
| 20 | D ANIL KUMAR | IV YEAR | |
| 21 | D NIRMALA KUMARI | IV YEAR | |
| 22 | DANDA RAKESH REDDY | IV YEAR | |
| 23 | DESINEEDI VISWAS VENKATA SURYA KUMAR | IV YEAR | |
| 24 | DINESH NAIDU LATCHIREDDI | IV YEAR | |
| 25 | ERAMMAGARI PRAVEEN KUMAR REDDY | IV YEAR | |
| 26 | GADISEETI SWETHA SRI | IV YEAR | |
| 27 | GANGADHARI UMA | IV YEAR | |
| 28 | GANJI VAMSHIKRISHNA | IV YEAR | |
| 29 | GATLA SAISHIVA REDDY | IV YEAR | |
| 30 | GAVIREDDY SAMARASIMHA REDDY | IV YEAR | |
| 31 | GORIPARTHI DINESH KRISHNA | IV YEAR | |
| 32 | GUDIMETLA SURESH REDDY | IV YEAR | |
| 33 | GURRAMPALLY MOUNIKA | IV YEAR | |
| 34 | JAMPANA SANTOSH SATYANARAYANA RAJU | IV YEAR | |
| 35 | KANDUKURI SAI KUMAR | IV YEAR | |
| 36 | KANUGANTI ANIL KUMAR REDDY | IV YEAR | |
| 37 | KARANAM HARIKA | IV YEAR | |
| 38 | KARANGULA ARCHANA | IV YEAR | |
| 39 | KATAKAM RAVI SUDHA | IV YEAR | |

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## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 40 | KAVITI ANITHA RANI | IV YEAR | |
| 41 | KOLLU VIKAS | IV YEAR | |
| 42 | KOTHARU PRANEETHA | IV YEAR | |
| 43 | KOTIPALLI SIRISHA | IV YEAR | |
| 44 | KUNAPAREDDY ALEKYA | IV YEAR | |
| 45 | LAKKIREDDY PRAVALIKA | IV YEAR | |
| 46 | MADAPALA MEGHANATH | IV YEAR | |
| 47 | MANDAPATI KAVYA | IV YEAR | |
| 48 | MECHINENI SOUMYA | IV YEAR | |
| 49 | MENDU SAINADH REDDY | IV YEAR | |
| 50 | MERNEDDI RAM SATHISH KUMAR | IV YEAR | |
| 51 | MIRISKER SOWJANYA | IV YEAR | |
| 52 | MITTABHAVI DIVYA | IV YEAR | |
| 53 | MULAGAPAKA ARUNKUMAR | IV YEAR | |
| 54 | NADIMPALLY SATYA SAI DIVYA | IV YEAR | |
| 55 | NITISH KUMAR SAHA | IV YEAR | |
| 56 | NUCHU ANUSHA | IV YEAR | |
| 57 | PAPANAGARI ANISHKA REDDY | IV YEAR | |
| 58 | PASAM SRE BHARGAVE | IV YEAR | |
| 59 | PECHETTI KAVYA SREE | IV YEAR | |
| 60 | PEESA PRANITHA | IV YEAR | |
| 61 | ADAPA LALOO PAVAN | III YEAR | |
| 62 | AENUGU NIKHITHA | III YEAR | |
| 63 | AKSHITHA GADDAMPALLI | III YEAR | |
| 64 | AKULA SHIVANI | III YEAR | |
| 65 | AMANCHI SUSHMARAYUDU | III YEAR | |
| 66 | AMAR MANE | III YEAR | |
| 67 | ARRABOTHU DHATHA PRADHYUMNA REDDY | III YEAR | |
| 68 | AVUSALA RAMCHANDRA | III YEAR | |
| 69 | BADDAM NAVEENA | III YEAR | |
| 70 | BADDAM SWATHI | III YEAR | |
| 71 | BETHI SAI KIRAN | III YEAR | |
| 72 | BHOGADI RANGA SUPRAJA | III YEAR | |
| 73 | BUDDARAJU SAI KARTHIK VARMA | III YEAR | |
| 74 | CHADUVULA MOKSHITA | III YEAR | |
| 75 | CHARAN SAI TEJA DHAYAPULE | III YEAR | |
| 76 | DAGADA PRIYANKA | III YEAR | |
| 77 | DANDU ALEKHYA | III YEAR | |
| 78 | DODDA SWAPNA | III YEAR | |
| 79 | DOWLAGHAR RAKSHITH | III YEAR | |
| 80 | DUMPALA SHASHANK REDDY | III YEAR | |
| 81 | DUSA INDRAJA | III YEAR | |
| 82 | EDDULA SAHITHI | III YEAR | |
| 83 | ERRAPOTHU LAXMAN TEJA | III YEAR | |
| 84 | GUGGILAPU MANIKANTA | III YEAR | |
| 85 | GADHARLA VARUN | III YEAR | |

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## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 86 | GANDIKOTA SAI GEETHANJALI | III YEAR | |
| 87 | GANGINENI NAGAVALLI | III YEAR | |
| 88 | GEEREDDY MANVIKA | III YEAR | |
| 89 | GORRANKALA SAILAJA | III YEAR | |
| 90 | GUGGILLA NIKHITHA | III YEAR | |
| 91 | HARI VISHNU SAI | III YEAR | |
| 92 | BURUGUGADDA PUSHPA | II YEAR | |
| 93 | D MANIDEEP | II YEAR | |
| 94 | A DHEERAJ KUMAR | II YEAR | |
| 95 | ANJALI BIRADAR | II YEAR | |
| 96 | ARJA LAVANYA | II YEAR | |
| 97 | BADAM AKHIL | II YEAR | |
| 98 | BAGATHI SHIVA KRISHNA | II YEAR | |
| 99 | BANDARU HARIPRIYA | II YEAR | |
| 100 | BATHULA SANNIKUMAR | II YEAR | |
| 101 | BETHALA SNEHA | II YEAR | |
| 102 | BHARADWAJ VIPPAN GOUD | II YEAR | |
| 103 | BHUMIREDDY VYDEHI | II YEAR | |
| 104 | BITLA PRATHIKSHA | II YEAR | |
| 105 | BONTHU DINESH | II YEAR | |
| 106 | BUCHHAGARI SRI VAISHNAVI | II YEAR | |
| 107 | BUDHASHAN SOWMYA | II YEAR | |
| 108 | BUJANGAM SAILAJA | II YEAR | |
| 109 | DASARI DEEKSHITHA | II YEAR | |
| 110 | EERUGADINLA PRASHANTH | II YEAR | |
| 111 | GAADE SARATHKUMAR REDDY | II YEAR | |
| 112 | GANGARABOINA PRANEETH KUMAR | II YEAR | |
| 113 | GONGATI VENKATA PRAMOD KUMAR REDDY | II YEAR | |
| 114 | GOTTIMUKKALA HARSHINI SAI | II YEAR | |
| 115 | KAMBALA SRIKARAN BABU | II YEAR | |
| 116 | KASULA VARSHITH REDDY | II YEAR | |
| 117 | KATARI PRABHU KIRAN | II YEAR | |
| 118 | KODURU NAGASAINATH | II YEAR | |
| 119 | MADDOJU SATISH KUMAR | II YEAR | |
| 120 | NAYUDU SHIVA KRISHNA | II YEAR | |
| 121 | PAIDI RAJINIKANTH REDDY | II YEAR | |
| 122 | PAPAIAHGARI GOURI PRIYA | II YEAR | |
| 123 | PATLOLLA SRIKAR KRISHNA REDDY | II YEAR | |
| 124 | PEMMADI ANUSHA | II YEAR | |
| 125 | PENMETS ROHIT VARMA | II YEAR | |
| 126 | PILLI DHANA KUMAR | II YEAR | |
| 127 | PITLA SONY | II YEAR | |
| 128 | PUSHADAPU SRUTHI | II YEAR | |
| 129 | RAPARTHI SAI SUNDHAR | II YEAR | |
| 130 | REDDY JAHNAVI | II YEAR | |
| 131 | ROHAN BOHRA | II YEAR | |

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## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 132 | SANDEEP KUMAR GOUD | II YEAR | Sandeep. |
| 133 | SHIVAM RAWAT | II YEAR | Shivam |
| 134 | MATTELA VAISHNAVI | II YEAR | Vaishnavi |
| 135 | MEKALA SAKETH | II YEAR | Saketh. |
| 136 | SIDDIREDDYGARI SANJANA REDDY | II YEAR | S. Sanjana |
| 137 | SONAPURAM JITENDRA KUMAR | II YEAR | S. J. Kumar |
| 138 | SURA AKHILA | II YEAR | Akhila. |
| 139 | TAMANNAGARI MANASA | II YEAR | Manasa.T |
| 140 | THODUPUNURI SAITEJA | II YEAR | T. Saiteja |
| 141 | VADLA SAI KUMAR | II YEAR | Sai Kumar |
| 142 | VALLEPALLI VEERA NAGA MANIKANTA | II YEAR | V.V.N Manikanta |
| 143 | VARIKUPAL NAVEEN | II YEAR | Naveen. |
| 144 | YERVA ANUSHA | II YEAR | Y. Anusha. |
| 145 | BAKKOLA KRISHNA PRASAD | II YEAR | B. Krishna |
| 146 | BENDHI KAVYA | II YEAR | B. Kavya |
| 147 | BOLLI SHEKHAR | II YEAR | Shekhar |
| 148 | CHALLA UDAY SAI REDDY | II YEAR | C. Sai Reddy |
| 149 | DEVASANI CHARAN KUMAR | II YEAR | Charan. |
| 150 | DUBBA RAJU | II YEAR | Raju |
| 151 | GURRAM DIVYA | II YEAR | Divya. |
| 152 | MANGALAGIRI BHARATH | II YEAR | M. Bharath. |
| 153 | MANGALI SHIVA | II YEAR | M. Shiva |
| 154 | MEKALA RAVI | II YEAR | Ravi. |
| 155 | NAGANBOINA LAXMAN | II YEAR | N. Laxman |
| 156 | NANDYALA JOHN FRANCES | II YEAR | A. Nandyala |
| 157 | ADDANKI VENKATA RAMANA | I YEAR | Ramana |
| 158 | ANUGU RISHITHA | I YEAR | Rishitha |
| 159 | BALANNAGARI SUSHMA | I YEAR | B. Sushma |
| 160 | BANDARI SANTOSH | I YEAR | B. Santhosh |
| 161 | BANDARI VAMSHIKRISHNA | I YEAR | Vamshi |
| 162 | BHEMANOLA TEJA | I YEAR | B. Teja |
| 163 | CHETLA SRI HARSHINI | I YEAR | Sri Harshini |
| 164 | CHINNA RAMAIAH GARI RAJA SHEKAR REDDY | I YEAR | Chetla |
| 165 | MOTHERAMGARI PRANATHI | I YEAR | Pranathi |
| 166 | CHINTHAKUNTA RAKESH REDDY | I YEAR | Rakesh. |
| 167 | DHARAVATH TILAK NAIK | I YEAR | Tilak Naik |
| 168 | DONKANTI PRANEETH REDDY | I YEAR | D. Praneeth |
| 169 | DONTHIREDDY VISHNUVARDHAN REDDY | I YEAR | Vishnuvardhan |
| 170 | DUDIPALLA VIKAS | I YEAR | Vikas |
| 171 | ELURI RAMAKRISHNA | I YEAR | E. Ramakrishna |
| 172 | GOLI ALEKHYA | I YEAR | Alekhya |
| 173 | GURAJADA VENKATA SAI JAYANTH BAPIRAJU | I YEAR | G. Jayanth |
| 174 | HARI KRISHNA MANNE | I YEAR | Krishna |
| 175 | JOODHAM KAVITHA | I YEAR | J. Kavitha |
| 176 | K VINAY CHARY | I YEAR | Vinay |
| 177 | KADAVALAYAM YOGESHWARI | I YEAR | Yogeshwari |

## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 178 | KALLEDA DINESH | I YEAR | Dinesh |
| 179 | KAPU GREESHMANTH CHOWDARY | I YEAR | K.Greeshmanth |
| 180 | KASIREDDY SAI PRIYA | I YEAR | K. Priya |
| 181 | KATKAM SHIVASAI | I YEAR | |
| 182 | KEELU ASHA | I YEAR | K.Asha |
| 183 | KILARI SONALI | I YEAR | |
| 184 | KOTA SOWJANYA | I YEAR | K. Sowjanya |
| 185 | KUKUNOORV VAMSI KRISHNA CHARY | I YEAR | Vamsi Krishna |
| 186 | M SHASHIKUMAR | I YEAR | Shashi |
| 187 | MADUNALA THULASI DAS | I YEAR | Thulasi |
| 188 | MANGALI RAJA MAHENDRA | I YEAR | M. Raja |
| 189 | MUDUNURI ROHIT VARMA | I YEAR | Rohit |
| 190 | MUPPAVARAPU CHARAN CHOWDARY | I YEAR | M Charan |
| 191 | NEELAM CHANDU | I YEAR | N. Chandu |
| 192 | PALVAI ADARSH REDDY | I YEAR | P. Adarsh |

Program Coordinator

Kiran
HoD ECE

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## Department of Electronics and Communication Engineering

**Report on a "A Two-Week Certification Course on Embedded Systems and IoT"**

| | |
|---|---|
| 1. Title of course | : A Two-Week Certification Course on Embedded Systems and IoT |
| 2.Course Code | : 2019ECE01 |
| 3. Course Date | : 18/11/2019 |
| 4. Venue | : Seminar Hall, Room No-003 |
| 5. Name of Program Coordinator | : Mrs. P. NAGASPANDANA |
| 6. Number of Students | : 192 |

**DRK Institute of Science and Technology** organized A Two-Week Certification Course on Embedded Systems and IoT for BTech ECE students.

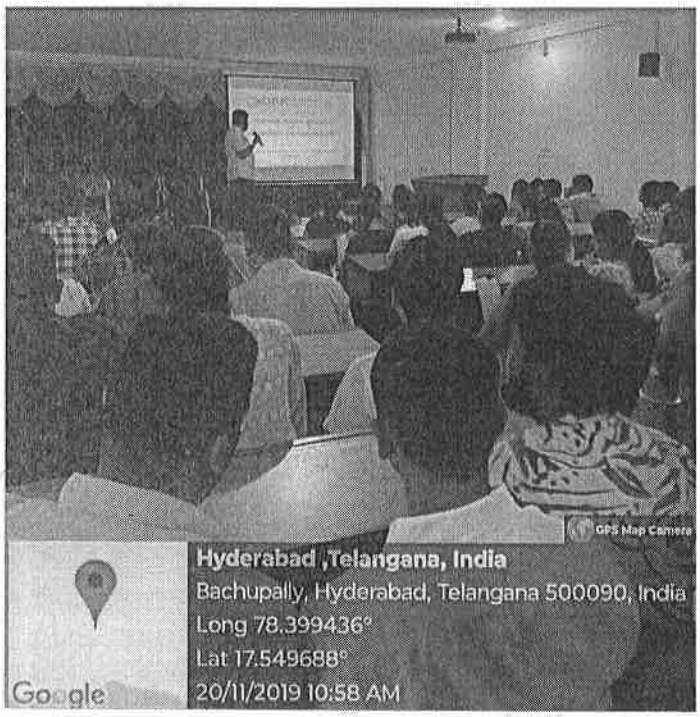
Embedded Systems and IoT (Internet of Things) involve integrating computing systems into various devices and applications to enable connectivity and data exchange. Embedded systems are specialized computing units designed for specific tasks within devices, while IoT extends this concept by linking these devices to the internet for remote monitoring and control.

7. Objective

- Understand the Fundamentals
- Develop IoT Solutions
- Programming and Development
- Implement Security Measures
- Focusing on key topics such as microcontrollers, sensors, actuators, communication protocols, and IoT platforms

8. Outcomes

- Hands-on training on designing and implementing embedded systems with a focus on Internet of Things (IoT) applications
- Design and Development
- IoT Architecture and Protocols
- Data Handling and Analysis




The course is very useful to the students and their feedback is positive. The management and Principal of DRK Institute of Science and Technology thanked the participants for making the program successful.

**Program Coordinator** **HoD ECE** **PRINCIPAL**

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043.

# DRK Institute of Science and Technology

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## Department of Electronics and Communication Engineering

**Certificate Course on "A Two-Week Certification Course on Embedded Systems and IoT"**

## Grade Sheet

| S.NO | NAME | YEAR | GRADE |
|---|---|---|---|
| 1 | A P PREETHI | IV YEAR | A |
| 2 | AKKAPALLY BHARGAVI | IV YEAR | A+ |
| 3 | ALLU AKHIL REDDY | IV YEAR | A+ |
| 4 | ANNE DHANUSH | IV YEAR | A |
| 5 | ANUGU MANOGNA REDDY | IV YEAR | A |
| 6 | ANUGU MOUNIKA | IV YEAR | A+ |
| 7 | ASHISH KUMAR NATH | IV YEAR | B |
| 8 | BHEEMANI YASHWANTH | IV YEAR | A |
| 9 | BILLA SAI SRI | IV YEAR | A |
| 10 | BODDOLLU SHIVANI | IV YEAR | A+ |
| 11 | BOLLI SRIDHAR | IV YEAR | B |
| 12 | BOMMAKANTI AKHIL | IV YEAR | B+ |
| 13 | BORRA SUDHEER | IV YEAR | A |
| 14 | BUCHHAGARI RAJESHWAR REDDY | IV YEAR | A+ |
| 15 | BUCHI YATEESH REDDY | IV YEAR | A |
| 16 | BUKKA SAI SHIVANI | IV YEAR | A+ |
| 17 | BUSSA BHARATHVAJ | IV YEAR | A |
| 18 | C SUNIL | IV YEAR | A |
| 19 | CHALAKAPALLY PRIYATHAM | IV YEAR | A |
| 20 | D ANIL KUMAR | IV YEAR | B |
| 21 | D NIRMALA KUMARI | IV YEAR | A+ |
| 22 | DANDA RAKESH REDDY | IV YEAR | A |
| 23 | DESINEEDI VISWAS VENKATA SURYA KUMAR | IV YEAR | A |
| 24 | DINESH NAIDU LATCHIREDDI | IV YEAR | A+ |
| 25 | ERAMMAGARI PRAVEEN KUMAR REDDY | IV YEAR | A |
| 26 | GADISEETI SWETHA SRI | IV YEAR | A |
| 27 | GANGADHARI UMA | IV YEAR | A |
| 28 | GANJI VAMSHIKRISHNA | IV YEAR | A |
| 29 | GATLA SAISHIVA REDDY | IV YEAR | B |
| 30 | GAVIREDDY SAMARASIMHA REDDY | IV YEAR | A |
| 31 | GORIPARTHI DINESH KRISHNA | IV YEAR | A |
| 32 | GUDIMETLA SURESH REDDY | IV YEAR | A |
| 33 | GURRAMPALLY MOUNIKA | IV YEAR | A |
| 34 | JAMPANA SANTOSH SATYANARAYANA RAJU | IV YEAR | A |
| 35 | KANDUKURI SAI KUMAR | IV YEAR | A |
| 36 | KANUGANTI ANIL KUMAR REDDY | IV YEAR | A |
| 37 | KARANAM HARIKA | IV YEAR | A |
| 38 | KARANGULA ARCHANA | IV YEAR | A |

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## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 39 | KATAKAM RAVI SUDHA | IV YEAR | A+ |
| 40 | KAVITI ANITHA RANI | IV YEAR | AB |
| 41 | KOLLU VIKAS | IV YEAR | A |
| 42 | KOTHARU PRANEETHA | IV YEAR | A+ |
| 43 | KOTIPALLI SIRISHA | IV YEAR | A |
| 44 | KUNAPAREDDY ALEKYA | IV YEAR | A |
| 45 | LAKKIREDDY PRAVALIKA | IV YEAR | B |
| 46 | MADAPALA MEGHANATH | IV YEAR | A |
| 47 | MANDAPATI KAVYA | IV YEAR | A |
| 48 | MECHINENI SOUMYA | IV YEAR | B |
| 49 | MENDU SAINADH REDDY | IV YEAR | A |
| 50 | MERNEDDI RAM SATHISH KUMAR | IV YEAR | A+ |
| 51 | MIRISKER SOWJANYA | IV YEAR | B |
| 52 | MITTABHAVI DIVYA | IV YEAR | A |
| 53 | MULAGAPAKA ARUNKUMAR | IV YEAR | A+ |
| 54 | NADIMPALLY SATYA SAI DIVYA | IV YEAR | A |
| 55 | NITISH KUMAR SAHA | IV YEAR | B+ |
| 56 | NUCHU ANUSHA | IV YEAR | B |
| 57 | PAPANAGARI ANISHKA REDDY | IV YEAR | A |
| 58 | PASAM SRE BHARGAVE | IV YEAR | A |
| 59 | PECHETTI KAVYA SREE | IV YEAR | A |
| 60 | PEESA PRANITHA | IV YEAR | A |
| 61 | ADAPA LALOO PAVAN | III YEAR | B |
| 62 | AENUGU NIKHITHA | III YEAR | B |
| 63 | AKSHITHA GADDAMPALLI | III YEAR | A |
| 64 | AKULA SHIVANI | III YEAR | A |
| 65 | AMANCHI SUSHMARAYUDU | III YEAR | A |
| 66 | AMAR MANE | III YEAR | B |
| 67 | ARRABOTHU DHATHA PRADHYUMNA REDDY | III YEAR | A |
| 68 | AVUSALA RAMCHANDRA | III YEAR | A |
| 69 | BADDAM NAVEENA | III YEAR | A |
| 70 | BADDAM SWATHI | III YEAR | B |
| 71 | BETHI SAI KIRAN | III YEAR | A |
| 72 | BHOGADI RANGA SUPRAJA | III YEAR | A |
| 73 | BUDDARAJU SAI KARTHIK VARMA | III YEAR | A |
| 74 | CHADUVULA MOKSHITA | III YEAR | B |
| 75 | CHARAN SAI TEJA DHAYAPULE | III YEAR | A |
| 76 | DAGADA PRIYANKA | III YEAR | A+ |
| 77 | DANDU ALEKHYA | III YEAR | B |
| 78 | DODDA SWAPNA | III YEAR | A+ |
| 79 | DOWLAGHAR RAKSHITH | III YEAR | A |
| 80 | DUMPALA SHASHANK REDDY | III YEAR | A |
| 81 | DUSA INDRAJA | III YEAR | B |
| 82 | EDDULA SAHITHI | III YEAR | A |
| 83 | ERRAPOTHU LAXMAN TEJA | III YEAR | A |
| 84 | GUGGILAPU MANIKANTA | III YEAR | A |

# DRK Institute of Science and Technology

(Approved by AICTE & Affiliated to JNTUH)

( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 85 | GADHARLA VARUN | III YEAR | A |
| 86 | GANDIKOTA SAI GEETHANJALI | III YEAR | A |
| 87 | GANGINENI NAGAVALLI | III YEAR | AB |
| 88 | GEEREDDY MANVIKA | III YEAR | A |
| 89 | GORRANKALA SAILAJA | III YEAR | A |
| 90 | GUGGILLA NIKHITHA | III YEAR | A |
| 91 | HARI VISHNU SAI | III YEAR | B |
| 92 | BURUGUGADDA PUSHPA | II YEAR | B |
| 93 | D MANIDEEP | II YEAR | A |
| 94 | A DHEERAJ KUMAR | II YEAR | S |
| 95 | ANJALI BIRADAR | II YEAR | A |
| 96 | ARJA LAVANYA | II YEAR | A |
| 97 | BADAM AKHIL | II YEAR | A |
| 98 | BAGATHI SHIVA KRISHNA | II YEAR | A |
| 99 | BANDARU HARIPRIYA | II YEAR | B |
| 100 | BATHULA SANNIKUMAR | II YEAR | A |
| 101 | BETHALA SNEHA | II YEAR | A |
| 102 | BHARADWAJ VIPPAN GOUD | II YEAR | B |
| 103 | BHUMIREDDY VYDEHI | II YEAR | A |
| 104 | BITLA PRATHIKSHA | II YEAR | A |
| 105 | BONTHU DINESH | II YEAR | A |
| 106 | BUCHHAGARI SRI VAISHNAVI | II YEAR | B |
| 107 | BUDHASHAN SOWMYA | II YEAR | A |
| 108 | BUJANGAM SAILAJA | II YEAR | A+ |
| 109 | DASARI DEEKSHITHA | II YEAR | A |
| 110 | EERUGADINLA PRASHANTH | II YEAR | A |
| 111 | GAADE SARATHKUMAR REDDY | II YEAR | A |
| 112 | GANGARABOINA PRANEETH KUMAR | II YEAR | A+ |
| 113 | GONGATI VENKATA PRAMOD KUMAR REDDY | II YEAR | A |
| 114 | GOTTIMUKKALA HARSHINI SAI | II YEAR | A |
| 115 | KAMBALA SRIKARAN BABU | II YEAR | A |
| 116 | KASULA VARSHITH REDDY | II YEAR | A |
| 117 | KATARI PRABHU KIRAN | II YEAR | B |
| 118 | KODURU NAGASAINATH | II YEAR | A |
| 119 | MADDOJU SATISH KUMAR | II YEAR | A |
| 120 | NAYUDU SHIVA KRISHNA | II YEAR | A+ |
| 121 | PAIDI RAJINIKANTH REDDY | II YEAR | B |
| 122 | PAPAIAHGARI GOURI PRIYA | II YEAR | A+ |
| 123 | PATLOLLA SRIKAR KRISHNA REDDY | II YEAR | A |
| 124 | PEMMADI ANUSHA | II YEAR | A |
| 125 | PENMETS ROHIT VARMA | II YEAR | A |
| 126 | PILLI DHANA KUMAR | II YEAR | B+ |
| 127 | PITLA SONY | II YEAR | A |
| 128 | PUSHADAPU SRUTHI | II YEAR | A |
| 129 | RAPARTHI SAI SUNDHAR | II YEAR | A+ |
| 130 | REDDY JAHNAVI | II YEAR | A |

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## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 131 | ROHAN BOHRA | II YEAR | A |
| 132 | SANDEEP KUMAR GOUD | II YEAR | B |
| 133 | SHIVAM RAWAT | II YEAR | A |
| 134 | MATTELA VAISHNAVI | II YEAR | A |
| 135 | MEKALA SAKETH | II YEAR | B |
| 136 | SIDDIREDDYGARI SANJANA REDDY | II YEAR | A |
| 137 | SONAPURAM JITENDRA KUMAR | II YEAR | A |
| 138 | SURA AKHILA | II YEAR | A |
| 139 | TAMANNAGARI MANASA | II YEAR | B |
| 140 | THODUPUNURI SAITEJA | II YEAR | A |
| 141 | VADLA SAI KUMAR | II YEAR | A |
| 142 | VALLEPALLI VEERA NAGA MANIKANTA | II YEAR | A |
| 143 | VARIKUPAL NAVEEN | II YEAR | B |
| 144 | YERVA ANUSHA | II YEAR | A |
| 145 | BAKKOLA KRISHNA PRASAD | II YEAR | B |
| 146 | BENDHI KAVYA | II YEAR | A |
| 147 | BOLLI SHEKHAR | II YEAR | A |
| 148 | CHALLA UDAY SAI REDDY | II YEAR | A |
| 149 | DEVASANI CHARAN KUMAR | II YEAR | A |
| 150 | DUBBA RAJU | II YEAR | A |
| 151 | GURRAM DIVYA | II YEAR | A |
| 152 | MANGALAGIRI BHARATH | II YEAR | B |
| 153 | MANGALI SHIVA | II YEAR | A |
| 154 | MEKALA RAVI | II YEAR | A |
| 155 | NAGANBOINA LAXMAN | II YEAR | B |
| 156 | NANDYALA JOHN FRANCES | II YEAR | A |
| 157 | ADDANKI VENKATA RAMANA | I YEAR | A |
| 158 | ANUGU RISHITHA | I YEAR | B |
| 159 | BALANNAGARI SUSHMA | I YEAR | A |
| 160 | BANDARI SANTOSH | I YEAR | A |
| 161 | BANDARI VAMSHIKRISHNA | I YEAR | A |
| 162 | BHEMANOLA TEJA | I YEAR | A |
| 163 | CHETLA SRI HARSHINI | I YEAR | A |
| 164 | CHINNA RAMAIAH GARI RAJA SHEKAR REDDY | I YEAR | B+ |
| 165 | MOTHERAMGARI PRANATHI | I YEAR | A+ |
| 166 | CHINTHAKUNTA RAKESH REDDY | I YEAR | A |
| 167 | DHARAVATH TILAK NAIK | I YEAR | B+ |
| 168 | DONKANTI PRANEETH REDDY | I YEAR | A |
| 169 | DONTHIREDDY VISHNUVARDHAN REDDY | I YEAR | A |
| 170 | DUDIPALLA VIKAS | I YEAR | A |
| 171 | ELURI RAMAKRISHNA | I YEAR | AB |
| 172 | GOLI ALEKHYA | I YEAR | A+ |
| 173 | GURAJADA VENKATA SAI JAYANTH BAPIRAJU | I YEAR | A |
| 174 | HARI KRISHNA MANNE | I YEAR | B |
| 175 | JOODHAM KAVITHA | I YEAR | A |
| 176 | K VINAY CHARY | I YEAR | A+ |

## Department of Electronics and Communication Engineering

| | | | |
|---|---|---|---|
| 177 | KADAVALAYAM YOGESHWARI | I YEAR | AB |
| 178 | KALLEDA DINESH | I YEAR | A |
| 179 | KAPU GREESHMANTH CHOWDARY | I YEAR | A |
| 180 | KASIREDDY SAI PRIYA | I YEAR | A |
| 181 | KATKAM SHIVASAI | I YEAR | A |
| 182 | KEELU ASHA | I YEAR | A |
| 183 | KILARI SONALI | I YEAR | P |
| 184 | KOTA SOWJANYA | I YEAR | A |
| 185 | KUKUNOORV VAMSI KRISHNA CHARY | I YEAR | A |
| 186 | M SHASHIKUMAR | I YEAR | AB |
| 187 | MADUNALA THULASI DAS | I YEAR | A |
| 188 | MANGALI RAJA MAHENDRA | I YEAR | A |
| 189 | MUDUNURI ROHIT VARMA | I YEAR | AB |
| 190 | MUPPAVARAPU CHARAN CHOWDARY | I YEAR | P |
| 191 | NEELAM CHANDU | I YEAR | A |
| 192 | PALVAI ADARSH REDDY | I YEAR | A |

**Program Coordinator**

Kiran
**HoD ECE**

DRK Institute of Science and Technology
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Bowrampet (v), Near Pragathi Nagar, on Miyapur-Medchal High way, Quthbullapur,
Medchal, Hyd-500043)

## Department of Electronics and Communication Engineering

B

A Two-Weeks Certification Course on Embedded Systems and IoT

13/20

**Name of the Student:** K-Hamika **Year:** IV **Max Marks:20M**

**Test Paper**

1. **What is an embedded system?** ( C )
   - A) A standalone computer system
   - B) A system designed for a specific function within a larger system
   - C) A high-performance computing system
   - D) A general-purpose system
2. **Which component is central to an embedded system?** ( B )
   - A) Hard disk
   - B) Microcontroller
   - C) Graphics card
   - D) Operating system
3. **What does IoT stand for?** ( B )
   - A) Internet of Things
   - B) Internet of Technology
   - C) Integration of Technology
   - D) Interconnection of Things
4. **Which of the following is a key component of the IoT architecture?** ( C )
   - A) User interface
   - B) Sensors and actuators
   - C) External hard drive
   - D) Operating system
5. **Which microcontroller is known for its ease of use in beginner projects?** ( B )
   - A) FPGA
   - B) Arduino
   - C) DSP
   - D) PLC
6. **Raspberry Pi is best described as a:** ( A )
   - A) Microcontroller
   - B) Microprocessor-based single-board computer
   - C) Sensor device
   - D) Network router

7. **Which language is commonly used for programming Arduino boards?** ( A )
   - A) Python
   - B) C/C++
   - C) Java
   - D) Ruby
8. **What is the purpose of interfacing LEDs with microcontrollers?** ( C )
   - A) To display characters
   - B) To perform computations
   - C) To provide visual feedback or indicators
   - D) To increase processing speed
9. **Which type of sensor is used to measure temperature?** ( C )
   - A) Gyroscope
   - B) Accelerometer
   - C) Thermistor
   - D) Photodiode
10. **Which of the following is a key factor when selecting a sensor?** ( C )
    - A) Color
    - B) Size of the packaging
    - C) Sensor accuracy and range
    - D) Brand name
11. **Calibration of sensors is necessary to:** ( A )
    - A) Increase data transmission speed
    - B) Ensure accurate and reliable measurements
    - C) Enhance sensor appearance
    - D) Reduce power consumption
12. **Which is a common issue encountered when interfacing sensors?** ( A )
    - A) Excessive data rates
    - B) Incorrect data due to noise
    - C) Software updates
    - D) High power consumption
13. **Which communication protocol is commonly used for short-distance communication between ICs?** ( A )
    - A) SPI
    - B) Bluetooth
    - C) Wi-Fi
    - D) Ethernet

14. **Which protocol is widely used for wireless communication in IoT devices?** ( D )
   - A) HTTP
   - B) I2C
   - C) UART
   - D) Bluetooth

15. **What is essential for setting up Wi-Fi communication in IoT devices?** ( B )
   - A) High-power processor
   - B) Unique IP address
   - C) Touchscreen display
   - D) Graphical user interface

16. **What is a key challenge when sending data wirelessly?** ( B )
   - A) Insufficient storage
   - B) Interference and signal loss
   - C) Excessive bandwidth
   - D) High latency

17. **Which of the following is a popular IoT platform?** ( B )
   - A) Android OS
   - B) AWS IoT
   - C) Windows IoT
   - D) Unix

18. **Cloud connectivity in IoT primarily helps with:** ( A )
   - A) Storing and processing data
   - B) Increasing device cost
   - C) Reducing security
   - D) Limiting device functionality

19. **What is the purpose of integrating sensors and actuators into an IoT application?** ( B )
   - A) To enhance visual appearance
   - B) To enable interaction with the physical environment
   - C) To increase processing speed
   - D) To reduce device size

20. **Data visualization in IoT is crucial for:** ( A )
   - A) Understanding and interpreting sensor data
   - B) Creating complex algorithms
   - C) Increasing sensor accuracy
   - D) Storing large amounts of data

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**Department of Electronics and Communication Engineering**

A+

19/20

**A Two-Weeks Certification Course on Embedded Systems and IoT**

**Name of the Student:** J. Sowmya **Year:** III rd Yr **Max Marks:20M**

**Test Paper**

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B+

## Department of Electronics and Communication Engineering

15/20

**A Two-Weeks Certification Course on Embedded Systems and IoT**

**Name of the Student:** DUSA · INDRAJA **Year:** III **Max Marks:20M**

**Test Paper**

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## Department of Electronics and Communication Engineering

### ATTENDANCE SHEET

**"A Two Weeks Certification Course on Embedded Systems and IoT"**

| S.NO | NAME | YEAR | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A P PREETHI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 2 | AKKAPALLY BHARGAVI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 3 | ALLU AKHIL REDDY | IV YEAR | P | P | P | P | A | P | P | P | P | P | P | P |
| 4 | ANNE DHANUSH | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 5 | ANUGU MANOGNA REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 6 | ANUGU MOUNIKA | IV YEAR | P | P | P | P | P | A | P | P | P | P | P | P |
| 7 | ASHISH KUMAR NATH | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 8 | BHEEMANI YASHWANTH | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 9 | BILLA SAI SRI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 10 | BODDOLLU SHIVANI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 11 | BOLLI SRIDHAR | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 12 | BOMMAKANTI AKHIL | IV YEAR | P | P | P | A | P | A | P | P | P | P | P | P |
| 13 | BORRA SUDHEER | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 14 | BUCHHAGARI RAJESHWAR REDDY | IV YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 15 | BUCHI YATEESH REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 16 | BUKKA SAI SHIVANI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 17 | BUSSA BHARATHVAJ | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 18 | C SUNIL | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 19 | CHALAKAPALLY PRIYATHAM | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 20 | D ANIL KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 21 | D NIRMALA KUMARI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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## Department of Electronics and Communication Engineering

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | DANDA RAKESH REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 23 | DESINEEDI VISWAS VENKATA SURYA KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 24 | DINESH NAIDU LATCHIREDDI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 25 | ERAMMAGARI PRAVEEN KUMAR REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 26 | GADISEETI SWETHA SRI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 27 | GANGADHARI UMA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 28 | GANJI VAMSHIKRISHNA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 29 | GATLA SAISHIVA REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 30 | GAVIREDDY SAMARASIMHA REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 31 | GORIPARTHI DINESH KRISHNA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 32 | GUDIMETLA SURESH REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 33 | GURRAMPALLY MOUNIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 34 | JAMPANA SANTOSH SATYANARAYANA RAJU | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 35 | KANDUKURI SAI KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 36 | KANUGANTI ANIL KUMAR REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | KARANAM HARIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 38 | KARANGULA ARCHANA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 39 | KATAKAM RAVI SUDHA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 40 | KAVITI ANITHA RANI | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 41 | KOLLU VIKAS | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 42 | KOTHARU PRANEETHA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 43 | KOTIPALLI SIRISHA | IV YEAR | P | P | P | P | P | A | P | P | P | P | P | P |
| 44 | KUNAPAREDDY ALEKYA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 45 | LAKKIREDDY PRAVALIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 46 | MADAPALA MEGHANATH | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 47 | MANDAPATI KAVYA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 48 | MECHINENI SOUMYA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 49 | MENDU SAINADH REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 50 | MERNEDDI RAM SATHISH KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 51 | MIRISKER SOWJANYA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 52 | MITTABHAVI DIVYA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 53 | MULAGAPAKA ARUNKUMAR | IV YEAR | P | A | P | P | P | P | P | P | P | P | P | P |
| 54 | NADIMPALLY SATYA SAI DIVYA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 55 | NITISH KUMAR SAHA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 56 | NUCHU ANUSHA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 57 | PAPANAGARI ANISHKA REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | PASAM SRE BHARGAVE | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 59 | PECHETTI KAVYA SREE | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 60 | PEESA PRANITHA | IV YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 61 | ADAPA LALOO PAVAN | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 62 | AENUGU NIKHITHA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 63 | AKSHITHA GADDAMPALLI | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 64 | AKULA SHIVANI | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 65 | AMANCHI SUSHMARAYUDU | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 66 | AMAR MANE | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 67 | ARRABOTHU DHATHA PRADHYUMNA REDDY | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 68 | AVUSALA RAMCHANDRA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 69 | BADDAM NAVEENA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 70 | BADDAM SWATHI | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 71 | BETHI SAI KIRAN | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 72 | BHOGADI RANGA SUPRAJA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 73 | BUDDARAJU SAI KARTHIK VARMA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 74 | CHADUVULA MOKSHITA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 75 | CHARAN SAI TEJA DHAYAPULE | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 76 | DAGADA PRIYANKA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 77 | DANDU ALEKHYA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 78 | DODDA SWAPNA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79 | DOWLAGHAR RAKSHITH | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 80 | DUMPALA SHASHANK REDDY | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 81 | DUSA INDRAJA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 82 | EDDULA SAHITHI | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 83 | ERRAPOTHU LAXMAN TEJA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 84 | GUGGILAPU MANIKANTA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 85 | GADHARLA VARUN | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 86 | GANDIKOTA SAI GEETHANJALI | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 87 | GANGINENI NAGAVALLI | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 88 | GEEREDDY MANVIKA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 89 | GORRANKALA SAILAJA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 90 | GUGGILLA NIKHITHA | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 91 | HARI VISHNU SAI | III YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 92 | BURUGUGADDA PUSHPA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 93 | D MANIDEEP | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 94 | A DHEERAJ KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 95 | ANJALI BIRADAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 96 | ARJA LAVANYA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 97 | BADAM AKHIL | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 98 | BAGATHI SHIVA KRISHNA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 99 | BANDARU HARIPRIYA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 100 | BATHULA SANNIKUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | BETHALA SNEHA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 102 | BHARADWAJ VIPPAN GOUD | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 103 | BHUMIREDDY VYDEHI | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 104 | BITLA PRATHIKSHA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 105 | BONTHU DINESH | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 106 | BUCHHAGARI SRI VAISHNAVI | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 107 | BUDHASHAN SOWMYA | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 108 | BUJANGAM SAILAJA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 109 | DASARI DEEKSHITHA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 110 | EERUGADINLA PRASHANTH | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 111 | GAADE SARATHKUMAR REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 112 | GANGARABOINA PRANEETH KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 113 | GONGATI VENKATA PRAMOD KUMAR REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 114 | GOTTIMUKKALA HARSHINI SAI | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 115 | KAMBALA SRIKARAN BABU | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 116 | KASULA VARSHITH REDDY | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 117 | KATARI PRABHU KIRAN | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 118 | KODURU NAGASAINATH | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 119 | MADDOJU SATISH KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 120 | NAYUDU SHIVA KRISHNA | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 121 | PAIDI RAJINIKANTH REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 122 | PAPAIAHGARI GOURI PRIYA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 123 | PATLOLLA SRIKAR KRISHNA REDDY | II YEAR | P | P | A | P | P | P | P | P | A | P | P | P |
| 124 | PEMMADI ANUSHA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 125 | PENMETS ROHIT VARMA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 126 | PILLI DHANA KUMAR | II YEAR | P | P | P | P | P | A | P | P | P | P | P | P |
| 127 | PITLA SONY | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 128 | PUSHADAPU SRUTHI | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 129 | RAPARTHI SAI SUNDHAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 130 | REDDY JAHNAVI | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 131 | ROHAN BOHRA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 132 | SANDEEP KUMAR GOUD | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 133 | SHIVAM RAWAT | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 134 | MATTELA VAISHNAVI | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 135 | MEKALA SAKETH | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 136 | SIDDIREDDYGARI SANJANA REDDY | II YEAR | P | P | A | P | P | P | P | P | P | P | P | P |
| 137 | SONAPURAM JITENDRA KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 138 | SURA AKHILA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 139 | TAMANNAGARI MANASA | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | THODUPUNURI SAITEJA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 141 | VADLA SAI KUMAR | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 142 | VALLEPALLI VEERA NAGA MANIKANTA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 143 | VARIKUPAL NAVEEN | II YEAR | P | P | A | P | P | P | P | P | P | P | P | P |
| 144 | YERVA ANUSHA | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 145 | BAKKOLA KRISHNA PRASAD | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 146 | BENDHI KAVYA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 147 | BOLLI SHEKHAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 148 | CHALLA UDAY SAI REDDY | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 149 | DEVASANI CHARAN KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 150 | DUBBA RAJU | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 151 | GURRAM DIVYA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 152 | MANGALAGIRI BHARATH | II YEAR | P | P | P | P | P | P | P | P | A | P | P | P |
| 153 | MANGALI SHIVA | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 154 | MEKALA RAVI | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 155 | NAGANBOINA LAXMAN | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 156 | NANDYALA JOHN FRANCES | II YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 157 | ADDANKI VENKATA RAMANA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 158 | ANUGU RISHITHA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 159 | BALANNAGARI SUSHMA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 160 | BANDARI SANTOSH | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | BANDARI VAMSHIKRISHNA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 162 | BHEMANOLA TEJA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 163 | CHETLA SRI HARSHINI | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 164 | CHINNA RAMAIAH GARI RAJA SHEKAR REDDY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 165 | MOTHERAMGARI PRANATHI | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 166 | CHINTHAKUNTA RAKESH REDDY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 167 | DHARAVATH TILAK NAIK | I YEAR | P | P | P | P | P | P | P | P | P | A | P | P |
| 168 | DONKANTI PRANEETH REDDY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 169 | DONTHIREDDY VISHNUVARDHAN REDDY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 170 | DUDIPALLA VIKAS | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 171 | ELURI RAMAKRISHNA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | AB |
| 172 | GOLI ALEKHYA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 173 | GURAJADA VENKATA SAI JAYANTH BAPIRAJU | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 174 | HARI KRISHNA MANNE | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 175 | JOODHAM KAVITHA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 176 | K VINAY CHARY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 177 | KADAVALAYAM YOGESHWARI | I YEAR | P | P | P | P | P | P | P | P | P | P | P | AB |
| 178 | KALLEDA DINESH | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 179 | KAPU GREESHMANTH CHOWDARY | I YEAR | P | P | P | P | A | P | P | P | P | P | P | P |
| 180 | KASIREDDY SAI PRIYA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 181 | KATKAM SHIVASAI | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 182 | KEELU ASHA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 183 | KILARI SONALI | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 184 | KOTA SOWJANYA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 185 | KUKUNOORV VAMSI KRISHNA CHARY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 186 | M SHASHIKUMAR | I YEAR | P | A | P | P | AB | P | A | P | P | P | A | AB |
| 187 | MADUNALA THULASI DAS | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 188 | MANGALI RAJA MAHENDRA | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 189 | MUDUNURI ROHIT VARMA | I YEAR | P | P | P | P | P | P | P | P | P | P | A | AB |
| 190 | MUPPAVARAPU CHARAN CHOWDARY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 191 | NEELAM CHANDU | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |
| 192 | PALVAI ADARSH REDDY | I YEAR | P | P | P | P | P | P | P | P | P | P | P | P |

Program Coordinator

Kiran
HOD ECE

# DRK Institute of Science and Technology

(Approved by AICTE & Affiliated to JNTUH)

( Bowrampet (v), Near Pragthinagar, on Miyapur-Medchal Highway, Quthbullapur, Medchal, Hyd-500043)

## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Mr/Ms/Mrs Eddula. Sahithi

HAS PARTICIPATED IN A TWO WEEK CERTIFICATE COURSE ON

**"EMBEDDED SYSTEMS AND IoT"**

ORGANISED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FROM 18/11/2019 TO 30/11/2019

**PROGRAM COORDINATOR**

**HOD**

**PRINCIPAL**

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043.

# DRK Institute of Science and Technology

(Approved by AICTE & Affiliated to JNTUH)

( Bowrampet (v), Near Pragthinagar, on Miyapur-Medchal Highway, Quthbullapur, Medchal, Hyd-500043)

## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Mr/Ms/Mrs Gadiseeti Suretha Sri

HAS PARTICIPATED IN A TWO WEEK CERTIFICATE COURSE ON

**"EMBEDDED SYSTEMS AND IoT"**

ORGANISED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FROM 18/11/2019 TO 30/11/2019

**PROGRAM COORDINATOR** | **HOD** | **PRINCIPAL**

DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043.

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(Approved by AICTE & Affiliated to JNTUH)

( Bowrampet (v), Near Pragthinagar, on Miyapur-Medchal Highway, Quthbullapur, Medchal, Hyd-500043)

## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Mr/Ms/Mrs Dandu. Shekhya

HAS PARTICIPATED IN A TWO WEEK CERTIFICATE COURSE ON

**"EMBEDDED SYSTEMS AND IoT"**

ORGANISED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FROM 18/11/2019 TO 30/11/2019

PROGRAM COORDINATOR

HOD

PRINCIPAL

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043.

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## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Mr/Ms/Mrs Bolli Sridhar

HAS PARTICIPATED IN A TWO WEEK CERTIFICATE COURSE ON

**"EMBEDDED SYSTEMS AND IoT"**

ORGANISED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FROM 18/11/2019 TO 30/11/2019

**PROGRAM COORDINATOR**

**HOD**

**PRINCIPAL**

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## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Mr/Ms/Mrs Gandikota Sai Geethanjali

HAS PARTICIPATED IN A TWO WEEK CERTIFICATE COURSE ON

**"EMBEDDED SYSTEMS AND IoT"**

ORGANISED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FROM 18/11/2019 TO 30/11/2019

**PROGRAM COORDINATOR** | **HOD** | **PRINCIPAL**

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( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

## Department of Electronics and Communication Engineering

# FEEDBACK FORM

**Course Title:** A Two-Week Certification Course on Embedded Systems and IoT
**Course Code:** 2019ECE01
**Name of the Participant:** Sahithi . E

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered was sufficient | | ✓ | | |
| The course gives fair exposure to industry-based topics | | | ✓ | |
| Duration of course was appropriate | ✓ | | | |
| Course met the overall expectations | | | | |
| | | ✓ | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | ✓ | | | |
| Faculty have good command over the course contents | ✓ | | | |
| The content was clearly explained | | ✓ | | |
| Queries and doubts were cleared by faculty | | ✓ | | |

Sahithi
**Signature of the Participant**

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( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

## Department of Electronics and Communication Engineering

# FEEDBACK FORM

**Course Title:** A Two-Week Certification Course on Embedded Systems and IoT
**Course Code:** 2019ECE01
**Name of the Participant:** G. Dinesh Krishna

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered was sufficient | | ✓ | | |
| The course gives fair exposure to industry-based topics | | | ✓ | |
| Duration of course was appropriate | ✓ | | | |
| Course met the overall expectations | | ✓ | | |
| | | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | | ✓ | | |
| Faculty have good command over the course contents | ✓ | | | |
| The content was clearly explained | | ✓ | | |
| Queries and doubts were cleared by faculty | | ✓ | | |

**Signature of the Participant**

# KDRK Institute of Science and Technology
(Approved by AICTE & Affiliated to JNTUH)

( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

## Department of Electronics and Communication Engineering

## FEEDBACK FORM

**Course Title:** A Two-Week Certification Course on Embedded Systems and IoT
**Course Code:** 2019ECE01
**Name of the Participant:** G. Sai Geethanjali

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered was sufficient | | ✓ | | |
| The course gives fair exposure to industry-based topics | | ✓ | | |
| Duration of course was appropriate | ✓ | | | |
| Course met the overall expectations | ✓ | | | |
| | | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | | | ✓ | |
| Faculty have good command over the course contents | | ✓ | | |
| The content was clearly explained | ✓ | | | |
| Queries and doubts were cleared by faculty | | ✓ | | |

Geethanjali
**Signature of the Participant**

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Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: www.drkist.edu.in

## Department of Computer Science and Engineering

**Ref.NO:DRKIST/CSE/AOP/2019-20/01** **DATE:26/08/2019**

## CIRCULAR

Department of CSE organizing A TWO WEEKS Certification Course on **Blockchain and Cryptocurrencies** for CSE students. Interested students can enroll their names to **Mr.K.PRAVEEN** (Program Coordinator) on or before **14/09/2019**. Certificate will be issued to the students after successful completion of the course. The details , contents of the course and other information is attached herewith.

| S.No | Name of The Course | Date of Commencement | Venue |
|---|---|---|---|
| 1. | **A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies** | 17/09/2019 | Seminar Hall (003) |

**Principal**

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043.

DRK INSTITUTE OF SCIENCE & TECHNOLOGY C.C: N7 HYD-043.

Copy To,
1. Office room
2. Exam Cell
3. Library
4. Head of CSE Dept.
5. Head of ECE Dept.
6. Head of EEE Dept.
7. Head of MECH Dept.
8. Head Of S&H Dept.
9. Head of MBA Dept.

## ABOUT THE DRKIST

The DRK Institute of Science and Technology's journey of success began in 2004 under the visionary leadership of Mr. D.B. Chandra Sekhar Rao, who founded the institute in honor of his late father, Sri Dasari Rama Kotaiah Garu. Mr. D.B. Chandra SekharRao, a distinguished entrepreneur, established the institute with a commitment to high-quality education, aiming to contribute to the nation's economic and industrial growth. As part of the DRK Educational Society, the institute has invested significantly in infrastructure, academic resources, and career development, fostering a dynamic learning environment that enhances students' conceptual and technical skills for modern challenges

## ABOUT THE CSE DEPARTMENT

The Department of Computer Science and Engineering at DRK Institute of Science and Technology was established in 2004 and offers undergraduate programs to students from both urban and rural areas across India. It boasts well-equipped computing laboratories and a comprehensive range of software and hardware applications. Emphasizing fundamental learning and the latest technologies, the department fosters creativity by encouraging students to engage in projects of varying complexity. DRK values this field highly and supports it by offering a dedicated course.

## ABOUT THE CERTIFICATE PROGRAM

The Certification blockchain is a distributed database or ledger shared among a computer network's nodes. They are best known for their crucial role in Crypto currency systems for maintaining a secure and decentralized record of transactions, but they are not limited to cryptocurrency uses.

## TOPICS TO BE COVERED

- **Introduction to Blockchain Technology**
- **Cryptographic Foundations:**
- **Cryptocurrency Fundamentals**
- **Consensus Mechanisms**
- **Smart Contracts and Decentralized Applications (DApps)**
- **Blockchain in Business and Industry Applications**

**A TWO- WEEK CERTIFICATION COURSE ON**

# Blockchain and Cryptocurrencies

**FROM**
**SEP 17TH 2019**
**TO**
**SEP 27TH 2019**

Organized by CSE Department

DRK Institute of Science and Technology

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HYDERABAD-500043
Mobile: +91-9000711899, +91-8790711899,
, Website: www.drkist.edu.in (Approved by AICTE,
Affiliated to JNTUH)

## *Chief Patron*

Sri.D.B Chandra Shekara Rao
Chairman

## *Patrons*

Sri D. Santosh
Secretary

Sri D. Sriram
Treasurer

Dr. M.V.Sridhar
Principal

Coordinator
**Name: Mr. K. PRAVEEN**
Associate Professor, CSE

Mr. N.RAGHAVA RAO
*HOD CSE*

## ADRESS FOR COMMUNICATION

Name: Mr. K. PRAVEEN
Coordinator, CSE, Associate Professor 9849653498
praveen_k@yahoo.com

## REGISTRATION DETAILS

Last Date for Registration
14th SEPTEMBER 2019

*"Embrace automation and empower yourself to achieve greater things."*

## REGISTRATION FORM

*A TWO-WEEK CERTIFICATION COURSE*

*On*

**Blockchain and Cryptocurrencies**

Name: Mr. /Ms.: _____

Reg. No: _____

Department: _____

Organization: _____

Address: _____

Phone: _____

Email: _____

Signature of Participant

DRK Institute of Science and Technology
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Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: www.drkist.edu.in

## Department of Computer Science and Engineering

**Course Title:- A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies**

| S.No | Content |
|---|---|
| 1 | DAY1: Introduction to Blockchain<br>- Overview of blockchain technology:<br>- History of blockchain and evolution of cryptocurrencies.<br>- Introduction to cryptographic hashing and digital signatures.<br>- Hands-on: Setting up a local blockchain environment (e.g., using Ganache). |
| 2 | DAY2: Types of blockchains: public vs. private, permissioned vs. permissionless.<br>- Understanding blockchain data structures: blocks, transactions, Merkle trees.<br>- Introduction to smart contracts and their role in blockchain ecosystems.<br>- Hands-on: Writing and deploying a simple smart contract (e.g., using Remix IDE) |
| 3 | DAY3: Cryptocurrencies and Ethereum<br>- Overview of cryptocurrencies: Bitcoin, Ethereum, altcoins.<br>- Ethereum ecosystem: Ethereum Virtual Machine (EVM), gas fees.<br>- Introduction to Ethereum wallets and addresses. |
| 4 | DAY4: Ethereum smart contracts: Solidity programming language basics.<br>- Writing more complex smart contracts: functions, modifiers, events. |
| 5 | DAY5: Security and Consensus Mechanisms<br>- Blockchain security threats: double-spending, 51% attacks.<br>- Consensus algorithms: Proof of Work (PoW), Proof of Stake (PoS). |
| 6 | DAY6 : Advanced Blockchain Concepts<br>- Scaling solutions:<br>- Interoperability between different blockchain platforms. |
| 7 | DAY7: Regulatory landscape and legal considerations in TWO WEEKS Certification Course on Blockchain and Cryptocurrencies.<br>- Future trends: DeFi (Decentralized Finance), NFTs (Non-Fungible Tokens), DAOs (Decentralized Autonomous Organizations). |
| 8 | DAY8: Practical Applications and Case Studies<br>- Blockchain use cases: supply chain management, healthcare, voting systems.<br>- Hands-on: Developing a simple blockchain-based application (e.g., supply chain traceability) |
| 9 | DAY9 : Case studies of successful blockchain implementations and failures.<br>- Hands-on: Analyzing case studies and discussing lessons learned. |
| 10 | DAY 10 : Final Projects and Presentations<br>- Group project: Designing and presenting a blockchain-based solution to a real-world problem.<br>- Peer evaluation and feedback session. |

**Program Coordinator** **HoD (CSE Department)** **Principal**

PRINCIPAL
DRK Institute of Science & Technolo
Bowrampet, Quthbullapur, Hyderabad-500 0

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## Department of Computer Science and Engineering

**Course Name:- A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies**

| S.No | Content | Dates |
|---|---|---|
| 1 | DAY1: Introduction to Blockchain<br>- Overview of blockchain technology:<br>- History of blockchain and evolution of cryptocurrencies.<br>- Introduction to cryptographic hashing and digital signatures.<br>- Hands-on: Setting up a local blockchain environment (e.g., using Ganache). | 17/09/2019 |
| 2 | DAY2: Types of blockchains: public vs. private, permissioned vs. permissionless.<br>- Understanding blockchain data structures: blocks, transactions, Merkle trees.<br>- Introduction to smart contracts and their role in blockchain ecosystems.<br>- Hands-on: Writing and deploying a simple smart contract (e.g., using Remix IDE) | 18/09/2019 |
| 3 | DAY3: Cryptocurrencies and Ethereum<br>- Overview of cryptocurrencies: Bitcoin, Ethereum, altcoins.<br>- Ethereum ecosystem: Ethereum Virtual Machine (EVM), gas fees.<br>- Introduction to Ethereum wallets and addresses. | 19/09/2019 |
| 4 | DAY4: Ethereum smart contracts: Solidity programming language basics.<br>- Writing more complex smart contracts: functions, modifiers, events. | 20/09/2019 |
| 5 | DAY5: Security and Consensus Mechanisms<br>- Blockchain security threats: double-spending, 51% attacks.<br>- Consensus algorithms: Proof of Work (PoW), Proof of Stake (PoS). | 21/09/2019 |
| 6 | DAY6 : Advanced Blockchain Concepts<br>- Scaling solutions:<br>- Interoperability between different blockchain platforms. | 23/09/2019 |

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## Department of Computer Science and Engineering

**Course Name:- A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies**

| S.No | Content | Dates |
|---|---|---|
| 7 | DAY7: Regulatory landscape and legal considerations in TWO WEEKS Certification Course on Blockchain and Cryptocurrencies.<br>- Future trends: DeFi (Decentralized Finance), NFTs (Non-Fungible Tokens), DAOs (Decentralized Autonomous Organizations). | 24/09/2019 |
| 8 | DAY8: Practical Applications and Case Studies<br>- Blockchain use cases: supply chain management, healthcare, voting systems.<br>- Hands-on: Developing a simple blockchain-based application (e.g., supply chain traceability) | 25/09/2019 |
| 9 | DAY9 : Case studies of successful blockchain implementations and failures.<br>- Hands-on: Analyzing case studies and discussing lessons learned. | 26/09/2019 |
| 10 | DAY 10 : Final Projects and Presentations<br>- Group project: Designing and presenting a blockchain-based solution to a real-world problem.<br>- Peer evaluation and feedback session. | 27/09/2019 |

**Program Coordinator**

**HoD (CSE Department)**

DRK Institute of Science and Technology
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## Department of Computer Science and Engineering

"A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies"

## Signature Sheet

| S.No | Name of the student | Year | Signature |
|---|---|---|---|
| 1. | AMARANENI LIKHITHA | II YEAR | Likhitha |
| 2. | KOTHAPALLI SAI SNEHA | II YEAR | Sai Sneha |
| 3. | A NAVEEN KUMAR | II YEAR | Naveen |
| 4. | ACHANTA RAMANJANEYA KUMAR | II YEAR | Ramanjaneya |
| 5. | ADUSUMILLI RESHMA SRI | II YEAR | A. Reshma Sri |
| 6. | AGILE DINESH REDDY | II YEAR | |
| 7. | ALLA PAVANI | II YEAR | Pavani |
| 8. | ALLE SOWMYA | II YEAR | Somya |
| 9. | APPAIAHGARI PRAVEEN REDDY | II YEAR | Praveen |
| 10. | ARUGONDA DIGAMBER | II YEAR | |
| 11. | ATHULURI SOWMYA | II YEAR | A. Sowmya |
| 12. | B H PRIYA SINGH | II YEAR | |
| 13. | BACHU PAVAN SAI PANDU | II YEAR | Pavan |
| 14. | BORRA GREESHMA | II YEAR | B. Greeshma |
| 15. | CHALLA SHARAT KUMAR REDDY | II YEAR | Sharath |
| 16. | CHAVVA SRAVAN KUMAR | II YEAR | C. Sravan |
| 17. | CHEKKILLA MANASA | II YEAR | Man |
| 18. | CHELUKALA SAI KUMAR | II YEAR | Ch. Sai Kumar |
| 19. | CHEPOOR SUREKHA RAJ | II YEAR | Surekh |
| 20. | DAMMAGARI BHARGAVI | II YEAR | Bhargavi |
| 21. | DANDAMUDI MARUDWATHI | II YEAR | |
| 22. | DEGA HARISH REDDY | II YEAR | |
| 23. | DONGARI SHRAVANI | II YEAR | Shravani |
| 24. | DYAVANAPALLY SRI LEKHA | II YEAR | |
| 25. | G SINDHUJA | II YEAR | G. Sindhuja |
| 26. | GADIRAJU SANTHOSHI KAUSHITHA | II YEAR | |
| 27. | GAJJADA ABHISHEK REDDY | II YEAR | |
| 28. | GILLELLA HARIVARDHAN REDDY | II YEAR | Harivardhan |

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## Department of Computer Science and Engineering

| | | | |
|---|---|---|---|
| 29. | GOLLAKOTI PRITHVI RAJ | II YEAR | G. prithvi Raj |
| 30. | GUDIMETLA PRUDHVI SAI SURESH | II YEAR | |
| 31. | GUDISA ANVESH KUMAR REDDY | II YEAR | |
| 32. | GUMMADAVELLI SAI SATHVIK | II YEAR | G. Sai Sathvik |
| 33. | GUMMADI SUMESH CHANDRA | II YEAR | |
| 34. | GUNDALA SARATH REDDY | II YEAR | |
| 35. | GUNJARI MANOJKUMAR | II YEAR | |
| 36. | ORUGANTI PRAVEEN | II YEAR | Praveen |
| 37. | J PAVAN KUMAR | II YEAR | Pavan |
| 38. | JATKALA SUPRADEEP | II YEAR | |
| 39. | K SAI KRISHNA YADAV | II YEAR | |
| 40. | K SRI PADMAJA | II YEAR | Padmaja |
| 41. | KAGITHA VAASANTHI | II YEAR | K. vasanthi |
| 42. | KALAPALA SRI LAKSHMI GAYATHRI | II YEAR | |
| 43. | KAMMARI DATTAPRASAD | II YEAR | |
| 44. | KANAGALA ARAVIND CHOWDARY | II YEAR | |
| 45. | KANDURI SAI SRINIVAS | II YEAR | Sai Srinivas |
| 46. | KARI RAVI TEJA | II YEAR | Teja |
| 47. | KASAM SAI KIRAN | II YEAR | Sai Kiran |
| 48. | KATINEEDI SAI PAVAN | II YEAR | |
| 49. | KOLA TEJASAI | II YEAR | |
| 50. | KOLLAPUDI MOHAN KRISHNA | II YEAR | K. Mohan |
| 51. | KOMMALAPATI SAISURYA | II YEAR | |
| 52. | KOMMI REDDY MAHESH REDDY | II YEAR | Mahesh |
| 53. | LANKAYAPALLY KUNDHANA REDDY | II YEAR | |
| 54. | MADISETTY HARIKIREET | II YEAR | |
| 55. | MADISHETTY MIDHUN | II YEAR | |
| 56. | MANNAM AKHIL | II YEAR | |
| 57. | MARAM NITHIN REDDY | II YEAR | |
| 58. | MODUKURI CHANDINI | II YEAR | |
| 59. | MOHAMMED SALEEMUDDIN | II YEAR | Saleem |
| 60. | MOTIPALLI VINDHYA | II YEAR | M. Vindhya |
| 61. | MUDDADA VAMSI KRISHNA | II YEAR | M. Vamsi Krishna |

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| | | | |
|---|---|---|---|
| 62. | MUDHIGONDA BHAVANI | II YEAR | Bhavani |
| 63. | MURIKI MOUNIKA | II YEAR | Mounika |
| 64. | NADUKUDA ROHITH | II YEAR | N. rohith. |
| 65. | S SRAVAN REDDY | II YEAR | S. Sravan |
| 66. | NALLAMOTHU NAVEEN KUMAR | II YEAR | N. Naveen |
| 67. | NALLURI HARSHITHA | II YEAR | N. Harshitha |
| 68. | NARALA JAYA BHARATH REDDY | II YEAR | J. Bharath |
| 69. | NEELI SNEHA | II YEAR | Sneha |
| 70. | NEHA KUMARI | II YEAR | Nehakumari |
| 71. | NEHA SULTHANA | II YEAR | Nehasu |
| 72. | NOMULA PRANEETH | II YEAR | Praneeth |
| 73. | PADI RATNASUBHASHINI | II YEAR | P. Ratna |
| 74. | PALAMURI AISHWARYA GOUD | II YEAR | Aishwarya |
| 75. | PARUCHURI THANU SREE | II YEAR | Thanu Sree |
| 76. | PEDAGANI ABHINAV GOUD | II YEAR | P. Abhinav |
| 77. | PEDDADA SAI SRINIJA | II YEAR | P. Sai |
| 78. | PEDDI JAHNAVI CHOWDARY | II YEAR | P. Jahnavi Chowdary |
| 79. | PITHANI SRIMAHADEVI | II YEAR | Srimaa |
| 80. | POTHULA PARAMESHWAR REDDY | II YEAR | P. Pa |
| 81. | POTLURI MITHIL | II YEAR | P. Mithil |
| 82. | RAPARLA BABU RAO | II YEAR | RBP |
| 83. | RUCHITHA GIDIGAM | II YEAR | Ruchitha |
| 84. | SAMINENI YAMINI SARASWATHI | II YEAR | Y. Saras |
| 85. | SAMREEN | II YEAR | Samreen |
| 86. | SARIKONDA SAI SIRISHA | II YEAR | Sai Sirisha |
| 87. | SATYAWADA SAI KUMAR | II YEAR | S. S. Kumar |
| 88. | SHAGGARI SAI PRANEETH | II YEAR | Praneeth |
| 89. | SHAIK THOUFEEQ | II YEAR | S. T |
| 90. | TAMALI PRIYANKA | II YEAR | T. Priya |
| 91. | TELUGU SAI MANOJ | II YEAR | Manoj |
| 92. | THIPPARTHI NAVADEEP REDDY | II YEAR | Navadeep |
| 93. | TUMMALA LAKSHMI PRASANNA | II YEAR | L. P |
| 94. | TUNGALA SRI RAM | II YEAR | Sri Ram |

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## Department of Computer Science and Engineering

| | | | |
|---|---|---|---|
| 95. | URELLA ANILESHWARI | II YEAR | U. Anilesh |
| 96. | V KOWSHIK SUMANTH | II YEAR | V. K. Sum |
| 97. | V PRITHVI RAJ | II YEAR | V. Prithvi Raj |
| 98. | VADRANGI SWETHA | II YEAR | V. Swetha |
| 99. | VALETI VINAY KUMAR | II YEAR | V. Vinay Kumar |
| 100. | VALLURI NAVEEN | II YEAR | V. Naveen |
| 101. | VEERLA NAGA SUSHMITHA | II YEAR | V. Naga Sushmitha |
| 102. | VEMPALI YAMINI | II YEAR | Yamini |
| 103. | Y BHARATHSIMHA REDDY | II YEAR | Y. Bharathsimha Reddy |
| 104. | YACHE RAHUL REDDY | II YEAR | |
| 105. | YEVTIKAR NAGRAJ MAROTI | II YEAR | Y. NagaRaj Maroti |
| 106. | K PRABHAKARA TEJA | II YEAR | Teja |
| 107. | BHYRI MOHAN RAO | II YEAR | B. Mohan Rao |
| 108. | BIRADAR MANOJ KUMAR | II YEAR | B. Manoj Kumar |
| 109. | BOLLA SRINIVAS | II YEAR | B. Srinivas |
| 110. | BOROLLA SRAVAN KUMAR | II YEAR | B. Sravan Kumar |
| 111. | GODUGU ARUN RAJ KUMAR | II YEAR | G. Arun Raj Kumar |
| 112. | GUTHIMAMIDI HARSHA VARDHAN | II YEAR | Harsha |
| 113. | HASEENA | II YEAR | Haseena |
| 114. | KUMMARI RAJKUMAR | II YEAR | K. Rajkumar |
| 115. | LACHAPETA NIKITHA | II YEAR | L. Nikitha |
| 116. | MAHESHWARAM SAI KRISHNA | II YEAR | M. Sai Krishna |
| 117. | MANE RAKESH | II YEAR | Rakesh |
| 118. | MARMAMULA AKSHAYA | II YEAR | M. Akshaya |
| 119. | MYATHARI MANJULA | II YEAR | M. Manjula |
| 120. | NAGULA PRATHYUSHA | II YEAR | N. Sushmita |
| 121. | NAGULA SUSHMA SRI | II YEAR | N. Sushma Sri |
| 122. | NALLAGANTI ANOOSHA | II YEAR | N. Anoosha |
| 123. | NAWADE ANKITHA | II YEAR | Ankitha |
| 124. | PARISE JAYALEELA | II YEAR | P. Jayaleela |
| 125. | SANGAM NAGARAJ | II YEAR | S. Nagaraj |
| 126. | SARELLA SAI DURGA PRASAD | II YEAR | S. Sai Durga Prasad |
| 127. | A NEHA | III YEAR | Neha |

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| | | | |
|---|---|---|---|
| 128. | ABHISHEK TRIPATHI | III YEAR | A. Tripathi |
| 129. | AGNIKULAKSHATRIYA MANJU SINGH | III YEAR | A. Manju Singh |
| 130. | AKKINENI SAI SANDEEP | III YEAR | |
| 131. | ALLA REETHIKA | III YEAR | Reethika |
| 132. | ALLAM VARSHA | III YEAR | A. Varsha |
| 133. | ANUGU AKHILESH | III YEAR | Akhilesh |
| 134. | BADAL CHOUDHARY | III YEAR | B. Choudhary |
| 135. | BADDIPADIGE HARISH KUMAR | III YEAR | B. Shubhangi |
| 136. | BANDE SHUBHANGI | III YEAR | Shubhangi |
| 137. | BANDI MANICHANDANA | III YEAR | B. Manichanda |
| 138. | BHUPATHI RUCHITHA | III YEAR | Ruchitha |
| 139. | CHALLAGUNDLA SRILEKHA | III YEAR | C. Srilekha |
| 140. | DEVAJI SANTOSHI | III YEAR | D. Santhoshi |
| 141. | DURGARAJU ROHINI | III YEAR | Rohini |
| 142. | ELURU ACHYUTH | III YEAR | E. Achyuth |
| 143. | GADDAM LAVA KUMAR | III YEAR | G. Lava kumar |
| 144. | GADDAM SHIVANI | III YEAR | G. Shivani |
| 145. | GADDAM SOUMYA | III YEAR | G. Soumya |
| 146. | GADDULA SAI NEHA PUJITHA | III YEAR | G. Sai Nehapujitha |
| 147. | GANGISETTI SAI MANOGNA | III YEAR | G. Sai Manogna |
| 148. | GORENKALA MADHUSUDHANA RAO | III YEAR | G. Madhusudhana Rao |
| 149. | GOTTAPU PRABHU DEVA | III YEAR | G. Prabhu |
| 150. | GUNTI HARI CHANDANA | III YEAR | G. Chandana |
| 151. | GURUJALA ANISHREDDY | III YEAR | G. Anishreddy |
| 152. | JYOTHI KALIDINDI | III YEAR | Jyothi Kalidindi |
| 153. | K SUSHMA | III YEAR | Sushma |
| 154. | K V S R JAYA KRISHNA PRASAD | III YEAR | K.V.S.R. Jaya Krishna Prasad |
| 155. | KADIYALA ANJALI SREEJA | III YEAR | K. Anjali Sreeja |
| 156. | KALVA JAGADEESH | III YEAR | K. Jagadeesh |
| 157. | KAMMARI VAMSHI KRISHNA CHARY | III YEAR | K. Vamshi Chary |
| 158. | KANTE SWETHA NAGA PADMINI | III YEAR | K. Swetha Naga Padmini |
| 159. | KATTA PRASHANTHI | III YEAR | K. Prashanthi |
| 160. | N AKASH | III YEAR | N. Akash |

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## Department of Computer Science and Engineering

| | | | |
|---|---|---|---|
| 161. | NALLURI AVINASH | III YEAR | Avinash |
| 162. | SHAIK NAZEER BASHA | III YEAR | S. Nazeer Basha |
| 163. | A NITISH RAO | III YEAR | A. Nitish Rao |
| 164. | B.GIRISH | III YEAR | B. Girish |
| 165. | GULLAPALLI NAGA SRUTHI | III YEAR | G. Naga |
| 166. | KONATHAM PRAVEEN KUMAR | III YEAR | K. Praveen Kumar |
| 167. | KOPPISETTI SAI VENKATA SRIKANTH | III YEAR | K. Sai Venkata Srikanth |
| 168. | KOPPULA UHA | III YEAR | K. Uha. |
| 169. | KULKARNI SRI DURGA | III YEAR | K. Sri Durga |
| 170. | KUMMARI BHAGYA LAKSHMI | III YEAR | Lak |
| 171. | M PRIYANKA | III YEAR | Priyanka |
| 172. | MADHAVARAM HARISH | III YEAR | Harish |
| 173. | MALREDDY LASYA | III YEAR | Lasya |
| 174. | MENGANI AVINASH | III YEAR | [illegible] |
| 175. | MOTHUKURI MADHURI | III YEAR | M. Madhuri |
| 176. | MUDIKE SUMYUKTHA YADAV | III YEAR | Sumyaktha |
| 177. | NAGARJUNA BANUKA V | III YEAR | [illegible] |
| 178. | NAMBURI PREETHAM VARMA | III YEAR | N. Preetham Varma |
| 179. | NANDAIAHAGARI SRIJA | III YEAR | N. Sriya |
| 180. | NARENDRULA NEHA | III YEAR | Neha |
| 181. | PEDDINTI MAMATHA | III YEAR | P. Mamatha |
| 182. | PERAM BHARGAVI | III YEAR | Bhargavi |
| 183. | RAHUL KUMAR MISHRA | III YEAR | R. Kumar Mishra |
| 184. | RAMPALLY AKHILA | III YEAR | A |
| 185. | RAYALA NANDINI | III YEAR | R. Nandini |
| 186. | SACHIN KUMAR SHARMA | III YEAR | Sachin Kumar Sharma |
| 187. | SAI KUMAR YADAV BOLLABOINA | III YEAR | Sai Kumar Yadav |
| 188. | SANDILA SRIDHAR | III YEAR | Sridhar |
| 189. | SIBBALA SAITEJA | III YEAR | Sai |
| 190. | SIBINAKA SRIJA | III YEAR | S. Srija |
| 191. | SIRIGIRI SAI GIRISH | III YEAR | S. Sai |
| 192. | SUGUREDDY ARAVIND REDDY | III YEAR | S Aravind Reddy |
| 193. | THANGALA PALLY BHARANI | III YEAR | T. Pally Bharani |

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| | | | |
|---|---|---|---|
| 194. | VALASANI SRUJANA | III YEAR | V. srujana. |
| 195. | VANAMALA ANIL KUMAR | III YEAR | |
| 196. | VANGA SAHITH | III YEAR | |
| 197. | VARAKANTI VENUGOPAL YADAV | III YEAR | V. Venugopal Yadav |
| 198. | VEMULAPALLI SARAN | III YEAR | |
| 199. | GOLLA SRINIVAS | III YEAR | |
| 200. | P V S ABINAV | III YEAR | Abinav |
| 201. | PENDURTHI AMITH SAI KRISHNA | III YEAR | |
| 202. | B SAI CHARAN | III YEAR | Charan |
| 203. | ALGOL SAI PRASANNA | IV YEAR | |
| 204. | ANUGU VAISHNAVI | IV YEAR | A. Vaishnavi |
| 205. | AVULAGADDA NIKHIL YADAV | IV YEAR | |
| 206. | AYINENI PUNDARI KAKSHA | IV YEAR | |
| 207. | BANDI SAI PREETHI | IV YEAR | Preethi |
| 208. | CHERUKU SAI CHANDANA | IV YEAR | |
| 209. | CHIGURUPATI VAMSHI KRISHNA | IV YEAR | Ch. Vamsi Krishna |
| 210. | DANDU PAVAN YADAV | IV YEAR | |
| 211. | DODDAPUNENI SAIRAM | IV YEAR | Sairam |
| 212. | DONGARI SHALINI | IV YEAR | Shalini |
| 213. | DONTHULA BHARGAVI | IV YEAR | Bhargavi |
| 214. | EDIGA LAVANYA | IV YEAR | E. Lavanya |
| 215. | GADDE SOWGANDHIKA | IV YEAR | |
| 216. | GAIKWAD PRANAL AVINASH | IV YEAR | |
| 217. | GARAPATI SURYA ABHIRAM | IV YEAR | G. S |
| 218. | GIRAMONI PAVAN KUMAR | IV YEAR | G. Pavan |
| 219. | GUDURU YAMINI | IV YEAR | G. Yamini |
| 220. | GUMMULA ANUSHA | IV YEAR | |
| 221. | GUNDLA MANUSHA | IV YEAR | G. Manusha |
| 222. | GUTTULA NILAYA JYOTHI | IV YEAR | Nilaya |
| 223. | IDAMAKANTI BHARGAV REDDY | IV YEAR | I. Bhargav |
| 224. | JALE SAI CHARAN REDDY | IV YEAR | Charan |
| 225. | JANYAVULA VAMSI KRISHNA | IV YEAR | Vamsi Krishna |
| 226. | JELSINGE SUHASINI | IV YEAR | J. Suhasini |

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| | | | |
|---|---|---|---|
| 227. | JUPALLY NEETHA | IV YEAR | J. Neetha |
| 228. | K SOWMYA SREE | IV YEAR | K. Sowmya sree |
| 229. | KADAKUNTLA ROHINI | IV YEAR | K. Rohini |
| 230. | KAMUJU SATYA VIJAY KUMAR | IV YEAR | |
| 231. | KANTHI AKHILA | IV YEAR | K. Akhila |
| 232. | KATRAGADDA AMRUTHA LAKSHMI | IV YEAR | |
| 233. | KAYARKAR PAVANKALYAN | IV YEAR | Pavan Kalyan |
| 234. | KETANA SAMVARNA | IV YEAR | K. Samvarna |
| 235. | KOMMIREDDI SAI HARISH | IV YEAR | Sai harish |
| 236. | KOTHA SANDHYA RANI | IV YEAR | K. Rani |
| 237. | KOTHAPALLY KETHANA | IV YEAR | K. Kethana |
| 238. | KOVELAMUDI AKHIL | IV YEAR | Akhil |
| 239. | KUNCHA UTTEJ GOUD | IV YEAR | UTTej |
| 240. | KUNCHAMATAM NAVEEN | IV YEAR | K. Naveen |
| 241. | KURTHI SATHVIKA | IV YEAR | Sathvika |
| 242. | LINGAMANENI MOUNIKA | IV YEAR | Mounica |
| 243. | M SAI SRI NIKITHA | IV YEAR | Nikhita |
| 244. | MALEMPATI HINDUJA | IV YEAR | |
| 245. | MALLEPU NANDINI | IV YEAR | Nandini |
| 246. | MAMIDIPALLI PRASANNARANI | IV YEAR | M. Prasanni |
| 247. | MANGINA CHANDRA VENKATA SURYA PRASAD | IV YEAR | P |
| 248. | MARIPI PAVANI | IV YEAR | Pavani |
| 249. | MARRI NAVEEN KUMAR | IV YEAR | M. N. K |
| 250. | MRINAL SARKAR | IV YEAR | |
| 251. | MUTTAKODURU NARESH KUMAR | IV YEAR | |
| 252. | MUTYALA RADHA SRUJITHA | IV YEAR | Srujitha |
| 253. | NAKKA SWETHA | IV YEAR | N. Swetha |
| 254. | PASPUNOORI MANI DEEPIKA | IV YEAR | Mani |
| 255. | PAWAR THARUN KUMAR | IV YEAR | Tarun K |
| 256. | PEERAJI ASHWIN | IV YEAR | P. Ashwin |
| 257. | PENMETHSA DONIKA | IV YEAR | P. D |
| 258. | PENUKONDA HEMAMBAR | IV YEAR | P. Hemamber |
| 259. | PERATLA NAVEENA | IV YEAR | P. Naveena |

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| | | | |
|---|---|---|---|
| 260. | PESEKE SRAVANI | IV YEAR | P. Sravani |
| 261. | POTHUGANTI PAVANKALYAN | IV YEAR | P. Pavankalyan |
| 262. | PULI TEJA SREE | IV YEAR | Teja Sree |
| 263. | RANGA VARUN GOUD | IV YEAR | V. Goud |
| 264. | RISHABH UNNIKRISHNAN | IV YEAR | R. Unnikrishnan |
| 265. | RYAVA MANIDEEPREDDY | IV YEAR | Manideep |
| 266. | SAMPATHIRAO ANUSHA | IV YEAR | Anusha |
| 267. | THANEKAR SACHIN SUBHASH | IV YEAR | T.S. subhash. |
| 268. | THOTA RAJU | IV YEAR | T. Raju |
| 269. | VALUSA CHARAN TEJA | IV YEAR | V. Charan |
| 270. | VATTIPALLY PRASHANTH REDDY | IV YEAR | Prashanth Reddy |
| 271. | VEPURI SAITEJASWI | IV YEAR | V. Sai |
| 272. | YALAVARTHI RUTHVIK BHAIRAV | IV YEAR | Y. Ruthvik |
| 273. | YAMJALA GAYATHRI | IV YEAR | Gayathri |
| 274. | YARAMANENI MANASA | IV YEAR | Y. Manasa |
| 275. | YARAMCHITTI NITISH | IV YEAR | Y. Nitish. |
| 276. | YELGAM NAVEEN KUMAR | IV YEAR | Y. Naveenkumar |
| 277. | YERRAGUNTLA POORNA SANDHYA | IV YEAR | Sandhya |
| 278. | MUVVA KRISHNA SAI SESHANK | IV YEAR | Sai Seshank |
| 279. | G VENKATA MALLIKARJUNA | IV YEAR | G.V.M |

Program Coordinator

HoD (CSE Department)

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## Department of Computer Science and Engineering

### PROGRAM REPORT

**Name of the Course** : "A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies"

**Date** : 17/09/2019 - 27/09/19

**Program Coordinator** : Mr.K.PRAVEEN, Assistant professor, Dept. Of CSE

**Number of students attended :** 279

**Venue** : Seminar Hall, DRK Institute of science and technology

**DRK Institute of science and technology**organized certificate program on **"Blockchain and Cryptocurrencies"** for B-tech CSE students. This design also allows for easier cross-border transactions because it bypasses currency restrictions, instabilities, or lack of infrastructure by using a distributed network that reach anyone with an internet connection.

**Objectives**

- Decentralization
- Security
- Transparency
- Immutability
- Trustlessness
- Efficiency and cost Reduction
- Use Cases Beyond Currency

**LearningOutcomes**

- Understand and explain how Bitcoin and cryptocurrencies work.
- Understand and explain how a blockchain works.
- Evaluate related technical, social, business, and regulatory concerns.
- Evaluate why these developments are an essential part of the Fourth Industrial Revolution.
- Predict future opportunities and challenges.
- Create a blockchain application.

The course is very useful to the students and their feedback is positive. The management and principal of DRK institute of Science and Technology thanked the participants for making the program successful.

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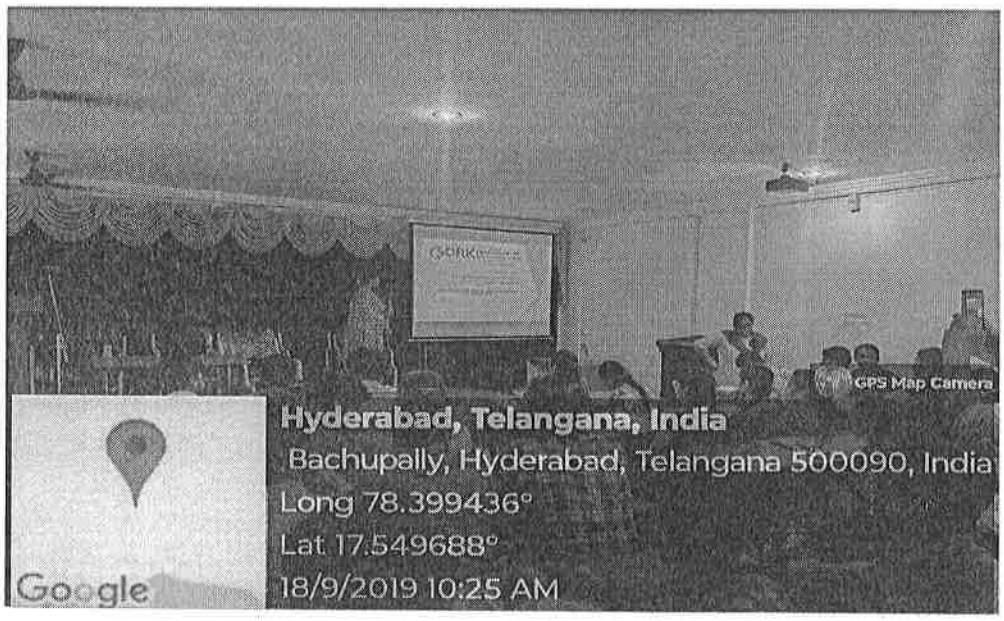
## Department of Computer Science and Engineering




**Program Coordinator**

**HoD**

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A+

## Department of Computer Science and Engineering

K. Uha  III B.Tech  CSE

18/20

**Test On "A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies"**

1. **What is a key feature of blockchain technology?** (C)

   A) Centralized control  B) Single point of failure

   C) Decentralized ledger  D) High transaction fees

2. **Which cryptographic technique is fundamental to the security of blockchain transactions?** (B)

   A) Public key encryption  B) Digital signatures

   C) Symmetric key encryption  D) Compression algorithms

3. **What distinguishes a permissioned blockchain from a permissionless blockchain?** (A)

   A) Permissioned blockchains require authorization to participate.

   B) Permissionless blockchains are slower.

   C) Permissioned blockchains are always public.  D) Permissionless blockchains are more secure.

4. **In blockchain terminology, what is a Merkle tree used for?** (D)

   A) Managing consensus  B) Encrypting data

   C) Structuring transactions  D) Organizing and verifying transactions

5. **What is the purpose of a smart contract?** (B)

   A) To act as a traditional contract  B) To automate and enforce agreements without intermediaries

   C) To provide a secure wallet  D) To manage cryptocurrency transactions

6. **Which of the following is a feature of Ethereum's virtual machine (EVM)?** (B)

   A) It is used for data storage  B) It executes smart contracts

   C) It validates digital signatures  D) It processes fiat transactions

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7. **What does the term "gas fee" refer to in Ethereum?** ( B )

A) A fee for transferring cryptocurrency B) A charge for executing smart contracts

C) A charge for storing data on the blockchain D) A fee for creating a new wallet

8. **Which Solidity keyword is used to define a contract in Ethereum?** ( B )

A) `function` B) `contract` C) `interface` D) `struct`

9. **What is the purpose of a modifier in Solidity?** ( B )

A) To change the state of a contract B) To restrict access to functions

C) To define a new data type D) To execute multiple transactions

10. **What is a 51% attack in blockchain?** ( A )

A) A malicious attack by a single miner

B) When an attacker controls 51% of the network's computing power

C) A vulnerability in the consensus protocol D) A flaw in the cryptographic hashing

11. **Which consensus mechanism is used by Bitcoin?** ( B )

A) Proof of Stake (PoS) B) Proof of Work (PoW)

C) Delegated Proof of Stake (DPoS) D) Byzantine Fault Tolerance (BFT)

12. **What is a common scaling solution for blockchains?** ( A )

A) Increasing block size B) Using centralized servers

C) Reducing transaction fees D) Lowering network security

13. **What does interoperability between different blockchains refer to?** ( B )

A) The ability of blockchains to share a common ledger

B) The capability of different blockchains to work together and exchange information

C) The use of the same consensus algorithm D) The ability to reduce transaction speeds

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14. **What does DeFi stand for?** (A)

A) Decentralized Finance B) Digital Finance C) Distributed Finance D) Direct Finance

15. **What are NFTs?** (A)

A) Non-Fungible Tokens B) Non-Fiat Tokens

C) New Financial Technologies D) Network Finance Transactions

16. **Which of the following is an example of a blockchain use case?** (A)

A) File storage B) Supply chain management

C) Traditional banking systems D) Cloud computing

17. **What is the primary advantage of using blockchain for supply chain traceability?** (C)

A) Reducing costs of physical storage B) Improving transaction speed

C) Ensuring transparency and immutability D) Enhancing traditional record-keeping methods

18. **What is a common reason for blockchain project failures?** (A)

A) Overestimation of blockchain capabilities B) Excessive regulation

C) High transaction costs D) Lack of user interest

19. **Which aspect is crucial to analyze in case studies of blockchain implementations?** (B)

A) Financial statements of companies B) Technical feasibility and user adoption

C) The aesthetic design of the platform D) Marketing strategies

20. **What is a key component of a successful group project in blockchain?** (B)

A) High budget allocation B) Clear problem definition and innovative solution

C) Use of proprietary technology D) Large team size

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"A TWO WEEKS Certification Course on Blockchain and Cryptocurrencies"

## Grade Sheet

| S.No | Name of the student | Year | Grade |
|---|---|---|---|
| 1. | AMARANENI LIKHITHA | II YEAR | A+ |
| 2. | KOTHAPALLI SAI SNEHA | II YEAR | A |
| 3. | A NAVEEN KUMAR | II YEAR | B+ |
| 4. | ACHANTA RAMANJANEYA KUMAR | II YEAR | B |
| 5. | ADUSUMILLI RESHMA SRI | II YEAR | A |
| 6. | AGILE DINESH REDDY | II YEAR | A |
| 7. | ALLA PAVANI | II YEAR | A |
| 8. | ALLE SOWMYA | II YEAR | B+ |
| 9. | APPAIAHGARI PRAVEEN REDDY | II YEAR | B |
| 10. | ARUGONDA DIGAMBER | II YEAR | A+ |
| 11. | ATHULURI SOWMYA | II YEAR | A |
| 12. | B H PRIYA SINGH | II YEAR | B |
| 13. | BACHU PAVAN SAI PANDU | II YEAR | B+ |
| 14. | BORRA GREESHMA | II YEAR | A+ |
| 15. | CHALLA SHARAT KUMAR REDDY | II YEAR | A |
| 16. | CHAVVA SRAVAN KUMAR | II YEAR | B+ |
| 17. | CHEKKILLA MANASA | II YEAR | B |
| 18. | CHELUKALA SAI KUMAR | II YEAR | A+ |
| 19. | CHEPOOR SUREKHA RAJ | II YEAR | B+ |
| 20. | DAMMAGARI BHARGAVI | II YEAR | B |
| 21. | DANDAMUDI MARUDWATHI | II YEAR | A+ |
| 22. | DEGA HARISH REDDY | II YEAR | A |
| 23. | DONGARI SHRAVANI | II YEAR | B+ |
| 24. | DYAVANAPALLY SRI LEKHA | II YEAR | B |
| 25. | G SINDHUJA | II YEAR | A+ |
| 26. | GADIRAJU SANTHOSHI KAUSHITHA | II YEAR | A |
| 27. | GAJJADA ABHISHEK REDDY | II YEAR | B+ |
| 28. | GILLELLA HARIVARDHAN REDDY | II YEAR | B |
| 29. | GOLLAKOTI PRITHVI RAJ | II YEAR | A+ |

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## Department of Computer Science and Engineering

| | | | |
|---|---|---|---|
| 30. | GUDIMETLA PRUDHVI SAI SURESH | II YEAR | B+ |
| 31. | GUDISA ANVESH KUMAR REDDY | II YEAR | B |
| 32. | GUMMADAVELLI SAI SATHVIK | II YEAR | A+ |
| 33. | GUMMADI SUMESH CHANDRA | II YEAR | A |
| 34. | GUNDALA SARATH REDDY | II YEAR | B+ |
| 35. | GUNJARI MANOJKUMAR | II YEAR | B |
| 36. | ORUGANTI PRAVEEN | II YEAR | A+ |
| 37. | J PAVAN KUMAR | II YEAR | A |
| 38. | JATKALA SUPRADEEP | II YEAR | A |
| 39. | K SAI KRISHNA YADAV | II YEAR | A+ |
| 40. | K SRI PADMAJA | II YEAR | A+ |
| 41. | KAGITHA VAASANTHI | II YEAR | A |
| 42. | KALAPALA SRI LAKSHMI GAYATHRI | II YEAR | A |
| 43. | KAMMARI DATTAPRASAD | II YEAR | A |
| 44. | KANAGALA ARAVIND CHOWDARY | II YEAR | B+ |
| 45. | KANDURI SAI SRINIVAS | II YEAR | B |
| 46. | KARI RAVI TEJA | II YEAR | A+ |
| 47. | KASAM SAI KIRAN | II YEAR | A |
| 48. | KATINEEDI SAI PAVAN | II YEAR | B+ |
| 49. | KOLA TEJASAI | II YEAR | B |
| 50. | KOLLAPUDI MOHAN KRISHNA | II YEAR | A+ |
| 51. | KOMMALAPATI SAISURYA | II YEAR | A |
| 52. | KOMMI REDDY MAHESH REDDY | II YEAR | B+ |
| 53. | LANKAYAPALLY KUNDHANA REDDY | II YEAR | B |
| 54. | MADISETTY HARIKIREET | II YEAR | A+ |
| 55. | MADISHETTY MIDHUN | II YEAR | A |
| 56. | MANNAM AKHIL | II YEAR | A+ |
| 57. | MARAM NITHIN REDDY | II YEAR | A |
| 58. | MODUKURI CHANDINI | II YEAR | B+ |
| 59. | MOHAMMED SALEEMUDDIN | II YEAR | B |
| 60. | MOTIPALLI VINDHYA | II YEAR | A+ |
| 61. | MUDDADA VAMSI KRISHNA | II YEAR | A |
| 62. | MUDHIGONDA BHAVANI | II YEAR | A |

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| | | | |
|---|---|---|---|
| 63. | MURIKI MOUNIKA | II YEAR | A+ |
| 64. | NADUKUDA ROHITH | II YEAR | A+ |
| 65. | S SRAVAN REDDY | II YEAR | A |
| 66. | NALLAMOTHU NAVEEN KUMAR | II YEAR | A |
| 67. | NALLURI HARSHITHA | II YEAR | B+ |
| 68. | NARALA JAYA BHARATH REDDY | II YEAR | B |
| 69. | NEELI SNEHA | II YEAR | A+ |
| 70. | NEHA KUMARI | II YEAR | A+ |
| 71. | NEHA SULTHANA | II YEAR | B+ |
| 72. | NOMULA PRANEETH | II YEAR | B |
| 73. | PADI RATNASUBHASHINI | II YEAR | A+ |
| 74. | PALAMURI AISHWARYA GOUD | II YEAR | A |
| 75. | PARUCHURI THANU SREE | II YEAR | A |
| 76. | PEDAGANI ABHINAV GOUD | II YEAR | A |
| 77. | PEDDADA SAI SRINIJA | II YEAR | A+ |
| 78. | PEDDI JAHNAVI CHOWDARY | II YEAR | A |
| 79. | PITHANI SRIMAHADEVI | II YEAR | B+ |
| 80. | POTHULA PARAMESHWAR REDDY | II YEAR | B |
| 81. | POTLURI MITHIL | II YEAR | A+ |
| 82. | RAPARLA BABU RAO | II YEAR | A |
| 83. | RUCHITHA GIDIGAM | II YEAR | B+ |
| 84. | SAMINENI YAMINI SARASWATHI | II YEAR | B |
| 85. | SAMREEN | II YEAR | A+ |
| 86. | SARIKONDA SAI SIRISHA | II YEAR | A |
| 87. | SATYAWADA SAI KUMAR | II YEAR | B+ |
| 88. | SHAGGARI SAI PRANEETH | II YEAR | B |
| 89. | SHAIK THOUFEEQ | II YEAR | A |
| 90. | TAMALI PRIYANKA | II YEAR | A |
| 91. | TELUGU SAI MANOJ | II YEAR | A |
| 92. | THIPPARTHI NAVADEEP REDDY | II YEAR | A |
| 93. | TUMMALA LAKSHMI PRASANNA | II YEAR | B |
| 94. | TUNGALA SRI RAM | II YEAR | B |
| 95. | URELLA ANILESHWARI | II YEAR | B |

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| | | | |
|---|---|---|---|
| 96. | V KOWSHIK SUMANTH | II YEAR | A+ |
| 97. | V PRITHVI RAJ | II YEAR | A |
| 98. | VADRANGI SWETHA | II YEAR | A |
| 99. | VALETI VINAY KUMAR | II YEAR | A |
| 100. | VALLURI NAVEEN | II YEAR | A |
| 101. | VEERLA NAGA SUSHMITHA | II YEAR | B+ |
| 102. | VEMPALI YAMINI | II YEAR | B |
| 103. | Y BHARATHSIMHA REDDY | II YEAR | A+ |
| 104. | YACHE RAHUL REDDY | II YEAR | A |
| 105. | YEVTIKAR NAGRAJ MAROTI | II YEAR | B+ |
| 106. | K PRABHAKARA TEJA | II YEAR | B |
| 107. | BHYRI MOHAN RAO | II YEAR | A |
| 108. | BIRADAR MANOJ KUMAR | II YEAR | A |
| 109. | BOLLA SRINIVAS | II YEAR | A |
| 110. | BOROLLA SRAVAN KUMAR | II YEAR | A+ |
| 111. | GODUGU ARUN RAJ KUMAR | II YEAR | A |
| 112. | GUTHIMAMIDI HARSHA VARDHAN | II YEAR | B+ |
| 113. | HASEENA | II YEAR | B |
| 114. | KUMMARI RAJKUMAR | II YEAR | A+ |
| 115. | LACHAPETA NIKITHA | II YEAR | A |
| 116. | MAHESHWARAM SAI KRISHNA | II YEAR | B+ |
| 117. | MANE RAKESH | II YEAR | B |
| 118. | MARMAMULA AKSHAYA | II YEAR | A+ |
| 119. | MYATHARI MANJULA | II YEAR | A |
| 120. | NAGULA PRATHYUSHA | II YEAR | A |
| 121. | NAGULA SUSHMA SRI | II YEAR | A |
| 122. | NALLAGANTI ANOOSHA | II YEAR | A+ |
| 123. | NAWADE ANKITHA | II YEAR | A+ |
| 124. | PARISE JAYALEELA | II YEAR | A |
| 125. | SANGAM NAGARAJ | II YEAR | A |
| 126. | SARELLA SAI DURGA PRASAD | II YEAR | A |
| 127. | A NEHA | III YEAR | A |
| 128. | ABHISHEK TRIPATHI | III YEAR | A |

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| | | | |
|---|---|---|---|
| 129. | AGNIKULAKSHATRIYA MANJU SINGH | III YEAR | A+ |
| 130. | AKKINENI SAI SANDEEP | III YEAR | A |
| 131. | ALLA REETHIKA | III YEAR | A |
| 132. | ALLAM VARSHA | III YEAR | A+ |
| 133. | ANUGU AKHILESH | III YEAR | A+ |
| 134. | BADAL CHOUDHARY | III YEAR | B+ |
| 135. | BADDIPADIGE HARISH KUMAR | III YEAR | A+ |
| 136. | BANDE SHUBHANGI | III YEAR | A |
| 137. | BANDI MANICHANDANA | III YEAR | B+ |
| 138. | BHUPATHI RUCHITHA | III YEAR | B |
| 139. | CHALLAGUNDLA SRILEKHA | III YEAR | A+ |
| 140. | DEVAJI SANTOSHI | III YEAR | A+ |
| 141. | DURGARAJU ROHINI | III YEAR | A+ |
| 142. | ELURU ACHYUTH | III YEAR | B |
| 143. | GADDAM LAVA KUMAR | III YEAR | B+ |
| 144. | GADDAM SHIVANI | III YEAR | A |
| 145. | GADDAM SOUMYA | III YEAR | A |
| 146. | GADDULA SAI NEHA PUJITHA | III YEAR | A |
| 147. | GANGISETTI SAI MANOGNA | III YEAR | A |
| 148. | GORENKALA MADHUSUDHANA RAO | III YEAR | A+ |
| 149. | GOTTAPU PRABHU DEVA | III YEAR | A+ |
| 150. | GUNTI HARI CHANDANA | III YEAR | A |
| 151. | GURUJALA ANISHREDDY | III YEAR | A |
| 152. | JYOTHI KALIDINDI | III YEAR | A |
| 153. | K SUSHMA | III YEAR | A |
| 154. | K V S R JAYA KRISHNA PRASAD | III YEAR | A |
| 155. | KADIYALA ANJALI SREEJA | III YEAR | A |
| 156. | KALVA JAGADEESH | III YEAR | A+ |
| 157. | KAMMARI VAMSHI KRISHNA CHARY | III YEAR | A+ |
| 158. | KANTE SWETHA NAGA PADMINI | III YEAR | A+ |
| 159. | KATTA PRASHANTHI | III YEAR | A+ |
| 160. | N AKASH | III YEAR | A |
| 161. | NALLURI AVINASH | III YEAR | A |

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| | | | |
|---|---|---|---|
| 162. | SHAIK NAZEER BASHA | III YEAR | A+ |
| 163. | A NITISH RAO | III YEAR | A+ |
| 164. | B.GIRISH | III YEAR | A |
| 165. | GULLAPALLI NAGA SRUTHI | III YEAR | A |
| 166. | KONATHAM PRAVEEN KUMAR | III YEAR | A |
| 167. | KOPPISETTI SAI VENKATA SRIKANTH | III YEAR | A |
| 168. | KOPPULA UHA | III YEAR | A |
| 169. | KULKARNI SRI DURGA | III YEAR | A+ |
| 170. | KUMMARI BHAGYA LAKSHMI | III YEAR | A+ |
| 171. | M PRIYANKA | III YEAR | A+ |
| 172. | MADHAVARAM HARISH | III YEAR | B+ |
| 173. | MALREDDY LASYA | III YEAR | B |
| 174. | MENGANI AVINASH | III YEAR | B+ |
| 175. | MOTHUKURI MADHURI | III YEAR | B |
| 176. | MUDIKE SUMYUKTHA YADAV | III YEAR | A |
| 177. | NAGARJUNA BANUKA V | III YEAR | A+ |
| 178. | NAMBURI PREETHAM VARMA | III YEAR | B+ |
| 179. | NANDAIAHAGARI SRIJA | III YEAR | B |
| 180. | NARENDRULA NEHA | III YEAR | A+ |
| 181. | PEDDINTI MAMATHA | III YEAR | A |
| 182. | PERAM BHARGAVI | III YEAR | A |
| 183. | RAHUL KUMAR MISHRA | III YEAR | A+ |
| 184. | RAMPALLY AKHILA | III YEAR | B+ |
| 185. | RAYALA NANDINI | III YEAR | B+ |
| 186. | SACHIN KUMAR SHARMA | III YEAR | A+ |
| 187. | SAI KUMAR YADAV BOLLABOINA | III YEAR | A+ |
| 188. | SANDILA SRIDHAR | III YEAR | A+ |
| 189. | SIBBALA SAITEJA | III YEAR | A |
| 190. | SIBINAKA SRIJA | III YEAR | A |
| 191. | SIRIGIRI SAI GIRISH | III YEAR | A |
| 192. | SUGUREDDY ARAVIND REDDY | III YEAR | A |
| 193. | THANGALA PALLY BHARANI | III YEAR | A |
| 194. | VALASANI SRUJANA | III YEAR | A |

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| | | | |
|---|---|---|---|
| 195. | VANAMALA ANIL KUMAR | III YEAR | A+ |
| 196. | VANGA SAHITH | III YEAR | A+ |
| 197. | VARAKANTI VENUGOPAL YADAV | III YEAR | A |
| 198. | VEMULAPALLI SARAN | III YEAR | A |
| 199. | GOLLA SRINIVAS | III YEAR | A+ |
| 200. | P V S ABINAV | III YEAR | A+ |
| 201. | PENDURTHI AMITH SAI KRISHNA | III YEAR | A+ |
| 202. | B SAI CHARAN | III YEAR | A |
| 203. | ALGOL SAI PRASANNA | IV YEAR | A |
| 204. | ANUGU VAISHNAVI | IV YEAR | A |
| 205. | AVULAGADDA NIKHIL YADAV | IV YEAR | A+ |
| 206. | AYINENI PUNDARI KAKSHA | IV YEAR | A |
| 207. | BANDI SAI PREETHI | IV YEAR | A+ |
| 208. | CHERUKU SAI CHANDANA | IV YEAR | A+ |
| 209. | CHIGURUPATI VAMSHI KRISHNA | IV YEAR | A |
| 210. | DANDU PAVAN YADAV | IV YEAR | A |
| 211. | DODDAPUNENI SAIRAM | IV YEAR | A |
| 212. | DONGARI SHALINI | IV YEAR | A |
| 213. | DONTHULA BHARGAVI | IV YEAR | A+ |
| 214. | EDIGA LAVANYA | IV YEAR | A+ |
| 215. | GADDE SOWGANDHIKA | IV YEAR | A |
| 216. | GAIKWAD PRANAL AVINASH | IV YEAR | A |
| 217. | GARAPATI SURYA ABHIRAM | IV YEAR | A |
| 218. | GIRAMONI PAVAN KUMAR | IV YEAR | A+ |
| 219. | GUDURU YAMINI | IV YEAR | A+ |
| 220. | GUMMULA ANUSHA | IV YEAR | A+ |
| 221. | GUNDLA MANUSHA | IV YEAR | B |
| 222. | GUTTULA NILAYA JYOTHI | IV YEAR | B |
| 223. | IDAMAKANTI BHARGAV REDDY | IV YEAR | B+ |
| 224. | JALE SAI CHARAN REDDY | IV YEAR | B+ |
| 225. | JANYAVULA VAMSI KRISHNA | IV YEAR | B |
| 226. | JELSINGE SUHASINI | IV YEAR | B |
| 227. | JUPALLY NEETHA | IV YEAR | B |

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| | | | |
|---|---|---|---|
| 228. | K SOWMYA SREE | IV YEAR | A+ |
| 229. | KADAKUNTLA ROHINI | IV YEAR | A |
| 230. | KAMUJU SATYA VIJAY KUMAR | IV YEAR | A |
| 231. | KANTHI AKHILA | IV YEAR | A |
| 232. | KATRAGADDA AMRUTHA LAKSHMI | IV YEAR | B+ |
| 233. | KAYARKAR PAVANKALYAN | IV YEAR | B+ |
| 234. | KETANA SAMVARNA | IV YEAR | A |
| 235. | KOMMIREDDI SAI HARISH | IV YEAR | A |
| 236. | KOTHA SANDHYA RANI | IV YEAR | B+ |
| 237. | KOTHAPALLY KETHANA | IV YEAR | B |
| 238. | KOVELAMUDI AKHIL | IV YEAR | A |
| 239. | KUNCHA UTTEJ GOUD | IV YEAR | B+ |
| 240. | KUNCHAMATAM NAVEEN | IV YEAR | B |
| 241. | KURTHI SATHVIKA | IV YEAR | A+ |
| 242. | LINGAMANENI MOUNIKA | IV YEAR | A+ |
| 243. | M SAI SRI NIKITHA | IV YEAR | B+ |
| 244. | MALEMPATI HINDUJA | IV YEAR | B+ |
| 245. | MALLEPU NANDINI | IV YEAR | B |
| 246. | MAMIDIPALLI PRASANNARANI | IV YEAR | B+ |
| 247. | MANGINA CHANDRA VENKATA SURYA PRASAD | IV YEAR | A+ |
| 248. | MARIPI PAVANI | IV YEAR | A |
| 249. | MARRI NAVEEN KUMAR | IV YEAR | A+ |
| 250. | MRINAL SARKAR | IV YEAR | A |
| 251. | MUTTAKODURU NARESH KUMAR | IV YEAR | B+ |
| 252. | MUTYALA RADHA SRUJITHA | IV YEAR | B+ |
| 253. | NAKKA SWETHA | IV YEAR | A+ |
| 254. | PASPUNOORI MANI DEEPIKA | IV YEAR | A |
| 255. | PAWAR THARUN KUMAR | IV YEAR | A+ |
| 256. | PEERAJI ASHWIN | IV YEAR | A+ |
| 257. | PENMETHSA DONIKA | IV YEAR | A+ |
| 258. | PENUKONDA HEMAMBAR | IV YEAR | A |
| 259. | PERATLA NAVEENA | IV YEAR | A |
| 260. | PESEKE SRAVANI | IV YEAR | A |

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| | | | |
|---|---|---|---|
| 261. | POTHUGANTI PAVANKALYAN | IV YEAR | B+ |
| 262. | PULI TEJA SREE | IV YEAR | B |
| 263. | RANGA VARUN GOUD | IV YEAR | A |
| 264. | RISHABH UNNIKRISHNAN | IV YEAR | A |
| 265. | RYAVA MANIDEEPREDDY | IV YEAR | A |
| 266. | SAMPATHIRAO ANUSHA | IV YEAR | A |
| 267. | THANEKAR SACHIN SUBHASH | IV YEAR | A+ |
| 268. | THOTA RAJU | IV YEAR | B |
| 269. | VALUSA CHARAN TEJA | IV YEAR | B+ |
| 270. | VATTIPALLY PRASHANTH REDDY | IV YEAR | A+ |
| 271. | VEPURI SAITEJASWI | IV YEAR | A |
| 272. | YALAVARTHI RUTHVIK BHAIRAV | IV YEAR | A+ |
| 273. | YAMJALA GAYATHRI | IV YEAR | A |
| 274. | YARAMANENI MANASA | IV YEAR | B |
| 275. | YARAMCHITTI NITISH | IV YEAR | A |
| 276. | YELGAM NAVEEN KUMAR | IV YEAR | Absent |
| 277. | YERRAGUNTLA POORNA SANDHYA | IV YEAR | Absent |
| 278. | MUVVA KRISHNA SAI SESHANK | IV YEAR | Absent |
| 279. | G VENKATA MALLIKARJUNA | IV YEAR | Absent |

Program Coordinator

N. Kugan
HoD (CSE Department)

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## Department of Computer Science and Engineering

## ATTENDANCE SHEET

### A TWO WEEKS Certification Course on "Blockchain and Cryptocurrencies."

| S.No | Name of Student | Year | DAY 1 | DAY 2 | DAY3 | DAY4 | DAY5 | DAY6 | DAY7 | DAY8 | DAY9 | DAY10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | AMARANENI LIKHITHA | II YEAR | P | P | P | A | P | P | P | P | P | P |
| 2. | KOTHAPALLI SAI SNEHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 3. | A NAVEEN KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 4. | ACHANTA RAMANJANEYA KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 5. | ADUSUMILLI RESHMA SRI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 6. | AGILE DINESH REDDY | II YEAR | P | P | A | P | P | P | P | P | P | P |
| 7. | ALLA PAVANI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 8. | ALLE SOWMYA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 9. | APPAIAHGARI PRAVEEN REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 10. | ARUGONDA DIGAMBER | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 11. | ATHULURI SOWMYA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 12. | B H PRIYA SINGH | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 13. | BACHU PAVAN SAI PANDU | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 14. | BORRA GREESHMA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 15. | CHALLA SHARAT KUMAR REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 16. | CHAVVA SRAVAN KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 17. | CHEKKILLA MANASA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 18. | CHELUKALA SAI KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 19. | CHEPOOR SUREKHA RAJ | II YEAR | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20. | DAMMAGARI BHARGAVI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 21. | DANDAMUDI MARUDWATHI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 22. | DEGA HARISH REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 23. | DONGARI SHRAVANI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 24. | DYAVANAPALLY SRI LEKHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 25. | G SINDHUJA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 26. | GADIRAJU SANTHOSHI KAUSHITHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 27. | GAJJADA ABHISHEK REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 28. | GILLELLA HARIVARDHAN REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 29. | GOLLAKOTI PRITHVI RAJ | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 30. | GUDIMETLA PRUDHVI SAI SURESH | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 31. | GUDISA ANVESH KUMAR REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 32. | GUMMADAVELLI SAI SATHVIK | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 33. | GUMMADI SUMESH CHANDRA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 34. | GUNDALA SARATH REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 35. | GUNJARI MANOJKUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 36. | ORUGANTI PRAVEEN | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 37. | J PAVAN KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 38. | JATKALA SUPRADEEP | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 39. | K SAI KRISHNA YADAV | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 40. | K SRI PADMAJA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 41. | KAGITHA VAASANTHI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 42. | KALAPALA SRI LAKSHMI GAYATHRI | II YEAR | P | P | P | P | P | P | P | P | P | P |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43. | KAMMARI DATTAPRASAD | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 44. | KANAGALA ARAVIND CHOWDARY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 45. | KANDURI SAI SRINIVAS | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 46. | KARI RAVI TEJA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 47. | KASAM SAI KIRAN | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 48. | KATINEEDI SAI PAVAN | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 49. | KOLA TEJASAI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 50. | KOLLAPUDI MOHAN KRISHNA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 51. | KOMMALAPATI SAISURYA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 52. | KOMMI REDDY MAHESH REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 53. | LANKAYAPALLY KUNDHANA REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 54. | MADISETTY HARIKIREET | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 55. | MADISHETTY MIDHUN | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 56. | MANNAM AKHIL | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 57. | MARAM NITHIN REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 58. | MODUKURI CHANDINI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 59. | MOHAMMED SALEEMUDDIN | II YEAR | P | P | P | P | P | P | A | P | P | P |
| 60. | MOTIPALLI VINDHYA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 61. | MUDDADA VAMSI KRISHNA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 62. | MUDHIGONDA BHAVANI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 63. | MURIKI MOUNIKA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 64. | NADUKUDA ROHITH | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 65. | S SRAVAN REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66. | NALLAMOTHU NAVEEN KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 67. | NALLURI HARSHITHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 68. | NARALA JAYA BHARATH REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 69. | NEELI SNEHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 70. | NEHA KUMARI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 71. | NEHA SULTHANA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 72. | NOMULA PRANEETH | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 73. | PADI RATNASUBHASHINI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 74. | PALAMURI AISHWARYA GOUD | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 75. | PARUCHURI THANU SREE | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 76. | PEDAGANI ABHINAV GOUD | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 77. | PEDDADA SAI SRINIJA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 78. | PEDDI JAHNAVI CHOWDARY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 79. | PITHANI SRIMAHADEVI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 80. | POTHULA PARAMESHWAR REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 81. | POTLURI MITHIL | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 82. | RAPARLA BABU RAO | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 83. | RUCHITHA GIDIGAM | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 84. | SAMINENI YAMINI SARASWATHI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 85. | SAMREEN | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 86. | SARIKONDA SAI SIRISHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 87. | SATYAWADA SAI KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 88. | SHAGGARI SAI PRANEETH | II YEAR | P | P | P | P | P | P | P | P | P | P |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89. | SHAIK THOUFEEQ | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 90. | TAMALI PRIYANKA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 91. | TELUGU SAI MANOJ | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 92. | THIPPARTHI NAVADEEP REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 93. | TUMMALA LAKSHMI PRASANNA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 94. | TUNGALA SRI RAM | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 95. | URELLA ANILESHWARI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 96. | V KOWSHIK SUMANTH | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 97. | V PRITHVI RAJ | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 98. | VADRANGI SWETHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 99. | VALETI VINAY KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 100. | VALLURI NAVEEN | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 101. | VEERLA NAGA SUSHMITHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 102. | VEMPALI YAMINI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 103. | Y BHARATHSIMHA REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 104. | YACHE RAHUL REDDY | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 105. | YEVTIKAR NAGRAJ MAROTI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 106. | K PRABHAKARA TEJA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 107. | BHYRI MOHAN RAO | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 108. | BIRADAR MANOJ KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 109. | BOLLA SRINIVAS | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 110. | BOROLLA SRAVAN KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 111. | GODUGU ARUN RAJ KUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 112. | GUTHIMAMIDI HARSHA VARDHAN | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 113. | HASEENA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 114. | KUMMARI RAJKUMAR | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 115. | LACHAPETA NIKITHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 116. | MAHESHWARAM SAI KRISHNA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 117. | MANE RAKESH | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 118. | MARMAMULA AKSHAYA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 119. | MYATHARI MANJULA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 120. | NAGULA PRATHYUSHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 121. | NAGULA SUSHMA SRI | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 122. | NALLAGANTI ANOOSHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 123. | NAWADE ANKITHA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 124. | PARISE JAYALEELA | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 125. | SANGAM NAGARAJ | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 126. | SARELLA SAI DURGA PRASAD | II YEAR | P | P | P | P | P | P | P | P | P | P |
| 127. | A NEHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 128. | ABHISHEK TRIPATHI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 129. | AGNIKULAKSHATRIYA MANJU SINGH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 130. | AKKINENI SAI SANDEEP | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 131. | ALLA REETHIKA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 132. | ALLAM VARSHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 133. | ANUGU AKHILESH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 134. | BADAL CHOUDHARY | III YEAR | P | P | P | P | P | P | P | P | P | P |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 135. | BADDIPADIGE HARISH KUMAR | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 136. | BANDE SHUBHANGI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 137. | BANDI MANICHANDANA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 138. | BHUPATHI RUCHITHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 139. | CHALLAGUNDLA SRILEKHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 140. | DEVAJI SANTOSHI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 141. | DURGARAJU ROHINI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 142. | ELURU ACHYUTH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 143. | GADDAM LAVA KUMAR | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 144. | GADDAM SHIVANI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 145. | GADDAM SOUMYA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 146. | GADDULA SAI NEHA PUJITHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 147. | GANGISETTI SAI MANOGNA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 148. | GORENKALA MADHUSUDHANA RAO | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 149. | GOTTAPU PRABHU DEVA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 150. | GUNTI HARI CHANDANA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 151. | GURUJALA ANISHREDDY | III YEAR | P | P | P | P | P | P | P | A | P | P |
| 152. | JYOTHI KALIDINDI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 153. | K SUSHMA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 154. | K V S R JAYA KRISHNA PRASAD | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 155. | KADIYALA ANJALI SREEJA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 156. | KALVA JAGADEESH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 157. | KAMMARI VAMSHI KRISHNA CHARY | III YEAR | P | P | P | P | P | P | P | P | P | P |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 158. | KANTE SWETHA NAGA PADMINI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 159. | KATTA PRASHANTHI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 160. | N AKASH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 161. | NALLURI AVINASH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 162. | SHAIK NAZEER BASHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 163. | A NITISH RAO | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 164. | B.GIRISH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 165. | GULLAPALLI NAGA SRUTHI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 166. | KONATHAM PRAVEEN KUMAR | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 167. | KOPPISETTI SAI VENKATA SRIKANTH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 168. | KOPPULA UHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 169. | KULKARNI SRI DURGA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 170. | KUMMARI BHAGYA LAKSHMI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 171. | M PRIYANKA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 172. | MADHAVARAM HARISH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 173. | MALREDDY LASYA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 174. | MENGANI AVINASH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 175. | MOTHUKURI MADHURI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 176. | MUDIKE SUMYUKTHA YADAV | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 177. | NAGARJUNA BANUKA V | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 178. | NAMBURI PREETHAM VARMA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 179. | NANDAIAHAGARI SRIJA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 180. | NARENDRULA NEHA | III YEAR | P | P | P | P | P | P | P | P | P | P |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 181. | PEDDINTI MAMATHA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 182. | PERAM BHARGAVI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 183. | RAHUL KUMAR MISHRA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 184. | RAMPALLY AKHILA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 185. | RAYALA NANDINI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 186. | SACHIN KUMAR SHARMA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 187. | SAI KUMAR YADAV BOLLABOINA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 188. | SANDILA SRIDHAR | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 189. | SIBBALA SAITEJA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 190. | SIBINAKA SRIJA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 191. | SIRIGIRI SAI GIRISH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 192. | SUGUREDDY ARAVIND REDDY | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 193. | THANGALA PALLY BHARANI | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 194. | VALASANI SRUJANA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 195. | VANAMALA ANIL KUMAR | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 196. | VANGA SAHITH | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 197. | VARAKANTI VENUGOPAL YADAV | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 198. | VEMULAPALLI SARAN | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 199. | GOLLA SRINIVAS | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 200. | P V S ABINAV | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 201. | PENDURTHI AMITH SAI KRISHNA | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 202. | B SAI CHARAN | III YEAR | P | P | P | P | P | P | P | P | P | P |
| 203. | ALGOL SAI PRASANNA | IV YEAR | P | P | P | P | P | P | P | P | P | P |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 204. | ANUGU VAISHNAVI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 205. | AVULAGADDA NIKHIL YADAV | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 206. | AYINENI PUNDARI KAKSHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 207. | BANDI SAI PREETHI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 208. | CHERUKU SAI CHANDANA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 209. | CHIGURUPATI VAMSHI KRISHNA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 210. | DANDU PAVAN YADAV | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 211. | DODDAPUNENI SAIRAM | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 212. | DONGARI SHALINI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 213. | DONTHULA BHARGAVI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 214. | EDIGA LAVANYA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 215. | GADDE SOWGANDHIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 216. | GAIKWAD PRANAL AVINASH | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 217. | GARAPATI SURYA ABHIRAM | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 218. | GIRAMONI PAVAN KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 219. | GUDURU YAMINI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 220. | GUMMULA ANUSHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 221. | GUNDLA MANUSHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 222. | GUTTULA NILAYA JYOTHI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 223. | IDAMAKANTI BHARGAV REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 224. | JALE SAI CHARAN REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 225. | JANYAVULA VAMSI KRISHNA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 226. | JELSINGE SUHASINI | IV YEAR | P | P | P | P | P | P | P | P | P | P |

DRK Institute of Science and Technology
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BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043

Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: www.drkist.edu.in

## Department of Computer Science and Engineering

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 227. | JUPALLY NEETHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 228. | K SOWMYA SREE | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 229. | KADAKUNTLA ROHINI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 230. | KAMUJU SATYA VIJAY KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 231. | KANTHI AKHILA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 232. | KATRAGADDA AMRUTHA LAKSHMI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 233. | KAYARKAR PAVANKALYAN | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 234. | KETANA SAMVARNA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 235. | KOMMIREDDI SAI HARISH | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 236. | KOTHA SANDHYA RANI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 237. | KOTHAPALLY KETHANA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 238. | KOVELAMUDI AKHIL | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 239. | KUNCHA UTTEJ GOUD | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 240. | KUNCHAMATAM NAVEEN | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 241. | KURTHI SATHVIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 242. | LINGAMANENI MOUNIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 243. | M SAI SRI NIKITHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 244. | MALEMPATI HINDUJA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 245. | MALLEPU NANDINI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 246. | MAMIDIPALLI PRASANNARANI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 247. | MANGINA CHANDRA VENKATA SURYA PRASAD | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 248. | MARIPI PAVANI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 249. | MARRI NAVEEN KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P |

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## Department of Computer Science and Engineering

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250. | MRINAL SARKAR | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 251. | MUTTAKODURU NARESH KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 252. | MUTYALA RADHA SRUJITHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 253. | NAKKA SWETHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 254. | PASPUNOORI MANI DEEPIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 255. | PAWAR THARUN KUMAR | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 256. | PEERAJI ASHWIN | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 257. | PENMETHSA DONIKA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 258. | PENUKONDA HEMAMBAR | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 259. | PERATLA NAVEENA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 260. | PESEKE SRAVANI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 261. | POTHUGANTI PAVANKALYAN | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 262. | PULI TEJA SREE | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 263. | RANGA VARUN GOUD | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 264. | RISHABH UNNIKRISHNAN | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 265. | RYAVA MANIDEEPREDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 266. | SAMPATHIRAO ANUSHA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 267. | THANEKAR SACHIN SUBHASH | IV YEAR | A | P | P | P | P | P | P | P | P | P |
| 268. | THOTA RAJU | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 269. | VALUSA CHARAN TEJA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 270. | VATTIPALLY PRASHANTH REDDY | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 271. | VEPURI SAITEJASWI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 272. | YALAVARTHI RUTHVIK BHAIRAV | IV YEAR | P | P | P | P | P | P | P | P | P | P |

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## Department of Computer Science and Engineering

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273. | YAMJALA GAYATHRI | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 274. | YARAMANENI MANASA | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 275. | YARAMCHITTI NITISH | IV YEAR | P | P | P | P | P | P | P | P | P | P |
| 276. | YELGAM NAVEEN KUMAR | IV YEAR | A | A | A | A | A | A | A | A | A | A |
| 277. | YERRAGUNTLA POORNA SANDHYA | IV YEAR | A | A | A | A | A | A | A | A | A | A |
| 278. | MUVVA KRISHNA SAI SESHANK | IV YEAR | A | A | A | A | A | A | A | A | A | A |
| 279. | G VENKATA MALLIKARJUNA | IV YEAR | A | A | A | A | A | A | A | A | A | A |

Program Coordinator

HoD (CSE Department)

# DRK Institute of Science and Technology

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BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD – 500043

## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Mr./Miss MARIPI PAVANI

HAS PARTICIPATED IN A TWO WEEK CERTIFICATE PROGRAM ON

*"BLOCK CHAIN AND CRYPTO CURRENCIES"*

ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FROM 17/09/2019 TO 27/09/2019

CO-ORDINATOR

HOD

PRINCIPAL

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043

# DRK Institute of Science and Technology

(Approved by AICTE & Affiliated to JNTUH)

BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD – 500043

## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

Mr./Miss KOVELAMUDI AKHIL

HAS PARTICIPATED IN A TWO WEEK CERTIFICATE PROGRAM ON

*"BLOCK CHAIN AND CRYPTO CURRENCIES"*

ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FROM 17/09/2019 TO 27/09/2019

**CO-ORDINATOR** **HOD** **PRINCIPAL**

PRINCIPAL

DRK Institute of Science & Technology

Bowrampet, Hyderabad-500 043

DRK Institute of Science and Technology
(Approved by AICTE & Affiliated to JNTUH)
( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)
Department of Computer science and Engineering

# FEEDBACK FORM

**Course Title:** A Two-Week Certification Course on Blockchain and Cryptocurrencies
**Course Code:** 2019CSE01
**Name of the Participant:** Koppula Uha

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered was sufficient | | ✓ | | |
| The course gives fair exposure to industry-based topics | ✓ | | | |
| Duration of course was appropriate | ✓ | | | |
| Course met the overall expectations | | ✓ | | |
| | | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | ✓ | | | |
| Faculty have good command over the course contents | | ✓ | | |
| The content was clearly explained | ✓ | | | |
| Queries and doubts were cleared by faculty | ✓ | | | |

Uha
**Signature of the Participant**

DRK Institute of Science and Technology
(Approved by AICTE & Affiliated to JNTUH)
( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)
Department of Computer science and Engineering

# FEEDBACK FORM

**Course Title:** A Two-Week Certification Course on Blockchain and Cryptocurrencies
**Course Code:** 2019CSE01
**Name of the Participant:** M. Priyanka

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered was sufficient | | ✓ | | |
| The course gives fair exposure to industry-based topics | | ✓ | | |
| Duration of course was appropriate | ✓ | | | |
| Course met the overall expectations | | ✓ | | |
| | | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | ✓ | | | |
| Faculty have good command over the course contents | | ✓ | | |
| The content was clearly explained | ✓ | | | |
| Queries and doubts were cleared by faculty | | ✓ | | |

Priyanka
**Signature of the Participant**

# DRK INSTITUTE OF SCIENCE&TECHNOLOGY

BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043

Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: www.drkist.edu.in

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## Department of Management

**DRKIST/MBA/AOP/2019-20/01** **DATE: 02/09/2019**

## CIRCULAR

Ten days Certification Course on **"Project Appraisal & Finance"** has been conducting by MBA Department from **11-09-2019 to 21-09-2019.**Interested students can enroll their names to **Ms. KAVTHA DASARI** (Event Coordinator) on or before **09/09/2019**. Certificate will be issued to the students after successful completion of the course. Herewith the department attached the detailed content of the course.

| Sl. No | Course Title | Date of commencement | Venue |
|---|---|---|---|
| 1. | **Project Appraisal & Finance** | 11/09/2019 | Seminar Hall- (010) |

**HOD**

Copy to

1. Copy to Principal
2. Copy to Office room
3. Copy to Notice Board
4. Head of MBA Dept.
5. Head of ECE.
6. Head of EEE.
7. Head of MECH.
8. Head of CSE.

## ABOUT THE DRKIST

The era of success of DRK institute of science and technology Institutions has started way back in 2004 when it was e stablished by Mr.D.B Chandra Sekhar Rao in the fond memory of his late father Sri Dasari Rama Kotaiah garu. Mr. D. B chandra Shekar Rao is an eminent& successful entrepreneur, who has subsequently decided to focus on high qualitY education with the philanthropic motive, to act as a leader to promote economic & industrial growth of the country. DRK Iinstitute of science and technology belongs to the DRK Educational Society. DRK Group has envisaged significant investment of capitaland resources to give shape to the evelopment of the institute, In terms ofIinfrastructure, academic resources and career develop ment forits students.A vibrant effort has been made to Consciously invest to improve the conceptual and technical skill of the students.

## ABOUT THE MBA DEPARTMENT

MBA at DRK is not just about receiving a degree.It is about the students to stand as an Innovator and leader to lead their business organizations in future and the management skills obtained from this course aids the business to new heights. Structure of the course is designed in such a way that it improves student's theoretical and practical knowledge of how business can operate and run in a successful path. It sharpens the students overall communication skills, strategic thinking, leadership abilities, and decision-making skills.

## ABOUT THE CERTIFICATE PROGRAM

Project appraisal and finance allows organizations to assess the risks inherent in investment projects. By identifying potential pitfalls, such as market volatility, technological obsolescence or regular changes, decision-makers can develop risk mitigation strategies.

## TOPICS COVERED

- To identify the purpose of financial appraisal
- Assessing the various components of cost of project
- Preparing projected financial statements
- Risk management in Project finance, Types and Measures of Project Risk, Sensitivity Analysis, Scenario Analysis
- Time and Cost Overruns and Over Run Financing, Network techniques for project management.

## A 10 DAY CERTIFICATE PROGRAMM

On

# PROJECT APPRAISAL AND FINANCE

SEP 11th TO SEP 21st 2019

Organized by MBA Department

DRK Institute of Science and Technology

DRK INSTITUTE OF SCIENCE& TECHNOLOGY
BOWRAMPET (V), VIA AIRFORCE ACADEMY,
HYDERABAD-500043
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Website: www.drkist.edu.in
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## Chief Patron

Sri. D. B. Chandra Shekar Rao
Chairman

## Patrons

Sri. D. Santhosh
Secretary

Sri. D. sriram
Treasurer

Dr. K. Venkata Subbaiah
Principal

## Resource person

Mr. R. Bharagavi,
Manager, Bajaj Finance

Mrs. A. Latha
HoD, Dept. of MBA

## Coordinator

Ms.D.Kavitha
Assoc. Professor

## Address for communication

Ms. D. Kavitha
Coordinator, MBA, Associate Professor
9849653498
kavithadasari@yahoo.com

## Registration Details

Last Date for Registration 9th September 2019

"A key to success is to assemble a strong and stable management team."

## REGISTRATION FORM

A 10 DAY CERTIFICATE PROGRAMME

On

Project Appraisal & Finance

Name: Mr. /Ms.: _____

Reg .No: _____

Department: _____

Organization: _____

Address: _____

Phone: _____

Email: _____

Signature of Participant

DRK INSTITUTE OF SCIENCE&TECHNOLOGY
BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043
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## Department of Management

### Course Title: Certificate Course on "Project Appraisal & Finance"

| Sl. No | DATE | Course Content |
|---|---|---|
| 1. | 11/09/2019 | Project Fundamentals, Project Features, identification, Project life cycle |
| 2. | 12/09/2019 | Project Appraisal and financing, Appraisal of Promoters and Management by Lending Institutions, and its significance |
| 3. | 13/09/2019 | Market Analysis and Appraisal, Tata Nano's case study, Technology and knowhow selection |
| 4. | 14/09/2019 | Infrastructural facilities and inputs of production, Significance of Technology Appraisal, Social Cost Benefit Analysis |
| 5. | 16/09/2019 | Assessment of Cost of project, purpose of financial analysis and appraisal, Assessment of Components of Cost of Project, Total cost of the project. |
| 6. | 17/09/2019 | Sources of Project finance, Financial Subsidies, Projected Financial Statements, and Techniques of Financial analysis. |
| 7. | 18/09/2019 | Risk management in Project finance, Types and Measures of Project Risk, Sensitivity Analysis, Scenario Analysis. |
| 8. | 19/09/2019 | Time and Cost Overruns and Over Run Financing, Network techniques for project management. |
| 9. | 20/09/2019 | Pre- requisites for Successful Project Implementation, Performance Audit. |
| 10. | 21/09/2019 | Project Leadership, Project knowledge Management, Closure and Audit. |

Kavitha
**Event Coordinator**

**HoD**

**Principal**

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500043

DRK INSTITUTE OF SCIENCE&TECHNOLOGY
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(Approved by AICTE, Affiliated to JNTUH)

## Department of Management

Name of the Course: **Certificate Course on "Project Appraisal & Finance"**

### Registration Details

| S.No | Name of Student | Year | Signature |
|---|---|---|---|
| 1 | ADDIGA SAIKIRAN | I YEAR | |
| 2 | AKSHAY YEOTIKAR | I YEAR | |
| 3 | AUSTOORI SAI SINDHU | I YEAR | |
| 4 | BELGONI NOEL PRASANNA RAO | I YEAR | |
| 5 | PALLAVI BURUD | I YEAR | |
| 6 | D MURALIKANTH | I YEAR | |
| 7 | DARAMWAR SUSHMITHA | I YEAR | |
| 8 | ERROLLA KALYAN YADAV | I YEAR | |
| 9 | G PRAJWAL | I YEAR | |
| 10 | INDRAKANTI ANJAN | I YEAR | |
| 11 | JONABOINA NAVEEN | I YEAR | |
| 12 | K UPENDER RAO | I YEAR | |
| 13 | K KISHORE | I YEAR | |
| 14 | MANGARAI NAVEEN | I YEAR | |
| 15 | MATHREY KALPANA | I YEAR | |
| 16 | MOHAMMED ABDUL SAJEED | I YEAR | |
| 17 | NIKHILA MUKKU | I YEAR | |
| 18 | NALLAMALA JAYARAMKRISHNA | I YEAR | |
| 19 | NARESH | I YEAR | |
| 20 | NERUDI BHARGAVI | I YEAR | |
| 21 | NIDAMANUORI VASAVI LATHA | I YEAR | |
| 22 | RESHU YADAV | I YEAR | |
| 23 | RONTALARACHANA | I YEAR | |
| 24 | SAMALA DIVYA | I YEAR | |
| 25 | SHAIK SHAINAZ PARVEEN | I YEAR | |
| 26 | SUMIT MANDAL | I YEAR | |
| 27 | SURAMPALLY KAVYA | I YEAR | |
| 28 | SWAPNA THIRUKAVALLURI | I YEAR | |
| 29 | VIRUSAMALLA. DEVI | I YEAR | |
| 30 | YADALA THEJASWI | I YEAR | |
| 31 | ADDADA SUDHA RANI | II YEAR | |
| 32 | ANNAM RAVI | II YEAR | |
| 33 | BOKKA RENUKA | II YEAR | |
| 34 | CHELKALA DEEPIKA | II YEAR | |
| 35 | CHEPURI RACHANA | II YEAR | |
| 36 | CHURAKANTI NAVYA SREE REDDY | II YEAR | |
| 37 | DOODIKAPIL PRAVEENKUMAR | II YEAR | |

| | | | |
|---|---|---|---|
| 38 | GAJAWAD SWATHI | II YEAR | Gajawad Swathi |
| 39 | JOGA SHIRISHA | II YEAR | Shirisha |
| 40 | JOLA SAILAJA | II YEAR | Sailaja |
| 41 | KAMUJA TEJASWINI | II YEAR | K. Tejaswini |
| 42 | KANDALA SAIKIRAN | II YEAR | K. Saikiran |
| 43 | KOYAADA SWETHA REDDY | II YEAR | Swetha |
| 44 | M SAIKIRAN | II YEAR | |
| 45 | MAHESH YADAV JAKKULA | II YEAR | |
| 46 | MANOJ KUMAR | II YEAR | manoj |
| 47 | NACHARAM SHIRISHA | II YEAR | shirisha |
| 48 | POTTA SRIDHAR YADAV | II YEAR | P. Sridhar Yadav |
| 49 | PUTTA CHANDANA PRIYA | II YEAR | Chandupriya |
| 50 | SALENDROLU PAVAN YADAV | II YEAR | Pavan Yadav |
| 51 | SEVA LAKSHMI RADHA DEVI | II YEAR | |
| 52 | SUGUR SANTOSHI | II YEAR | Santhoshi |
| 53 | TADEM PAVANI | II YEAR | Pavani |
| 54 | THORRIKONDA UMESHCHANDRA | II YEAR | |
| 55 | VASAM PRASHANTH | II YEAR | V. Prashanth |
| 56 | Y RAMBABU | II YEAR | Rambabu |
| 57 | YENNAM VENKAT RAM REDDY | II YEAR | Y. Venkat Ram Reddy |
| 58 | RESU SWETHA | II YEAR | Swetha |
| 59 | VEERAMACHANENI DHAVANI | II YEAR | |
| 60 | THOLAPU BHAVANA | II YEAR | |
| 61 | GARIKAPATI VARA PRASADU | II YEAR | G. Prasad |
| 62 | RONDLA VINEETH REDDY | II YEAR | R. Vineeth Reddy |
| 63 | GURRAMANCHI PRIYANKA | II YEAR | |

COORDINATOR

HoD

DRK INSTITUTE OF SCIENCE&TECHNOLOGY
BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043
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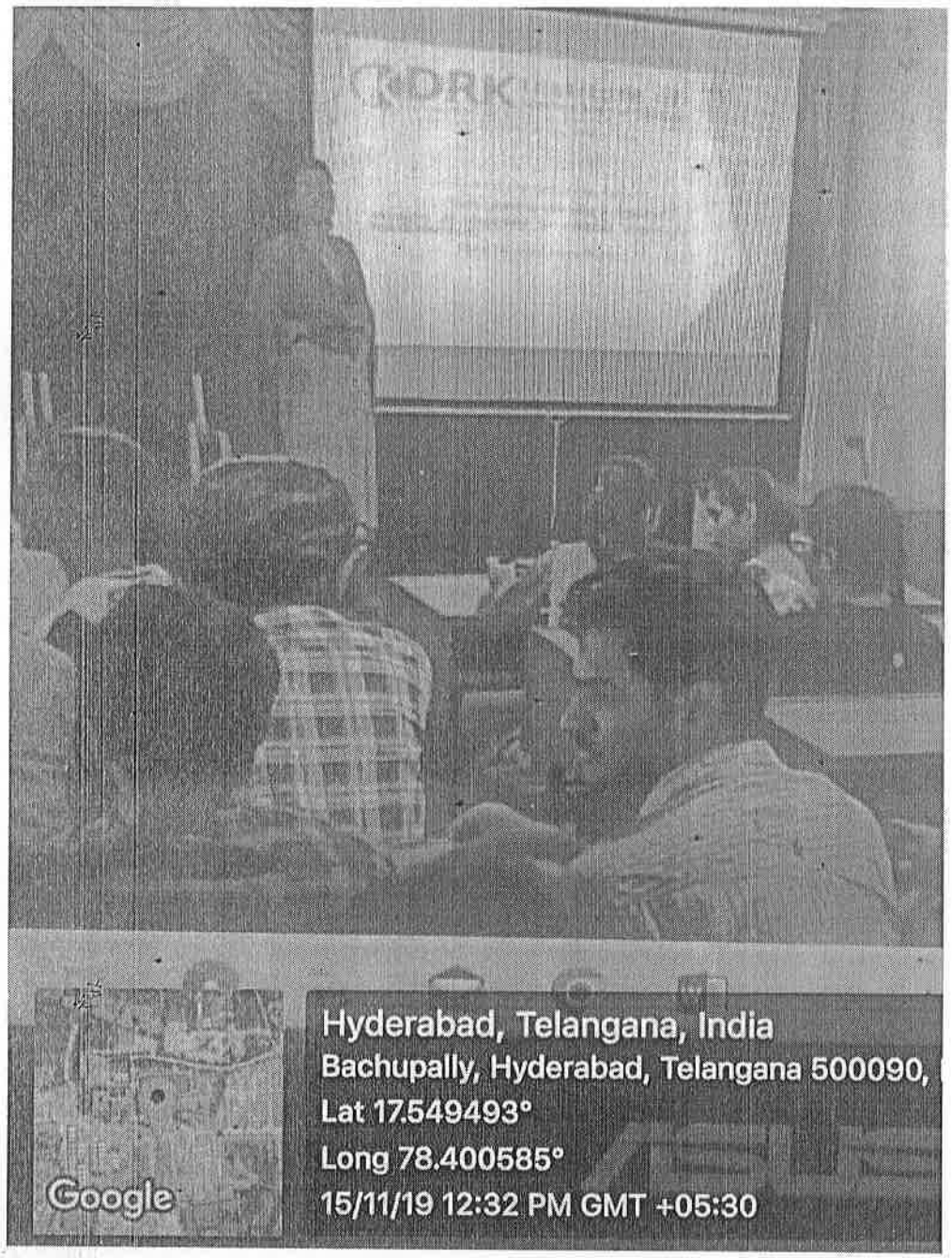
(Approved by AICTE, Affiliated to JNTUH)

## Department of Management

### Report on Certificate Course on "Project Appraisal & Finance"

1. Title of course : Certificate course on "Project Appraisal & Finance"
2. Course Period : 11-09-2019 to 21-09-2020
4. Venue : Seminar Hall-010
5. Name of Event Coordinator : Ms. D.Kavitha
6. Number of Students : 63
7. Course Objective :
   - To identify the purpose of financial appraisal.
   - Assessing the various components of cost of project
   - Preparing projected financial statements.
8. Course Outcomes :
   - Understand and analyze the essential features of projects.
   - Learn how to develop a systematic approach towards of generation of ideas.
   - Understanding the purpose of assessment and appraisal of the promoters of the management.




Event Coordinator

HOD

Principal

PRINCIPAL
DRK Institute of Science & Technology
Bowrampet, Quthbullapur, Hyderabad-500 043.

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# DRK INSTITUTE OF SCIENCE&TECHNOLOGY

BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043

Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: www.drkist.edu.in

(Approved by AICTE, Affiliated to JNTUH)

## Department of Management

## ATTENDANCE SHEET

**Certificate Course on "Project Appraisal & Finance"**

| S.No | Name of Student | DAY 1 | DAY 2 | DAY3 | DAY4 | DAY5 | DAY6 | DAY7 | DAY8 | DAY9 | DAY10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ADDIGA SAIKIRAN | P | P | P | P | P | P | P | A | P | A |
| 2 | AKSHAY YEOTIKAR | P | P | P | A | P | P | P | P | P | P |
| 3 | AUSTOORI SAI SINDHU | P | P | P | P | P | P | P | P | P | P |
| 4 | BELGONI NOEL PRASANNA RAO | A | P | P | P | A | P | P | P | P | A |
| 5 | PALLAVI BURUD | P | P | P | P | P | A | P | P | P | P |
| 6 | D MURALIKANTH | P | P | P | P | P | P | P | P | P | P |
| 7 | DARAMWAR SUSHMITHA | P | A | A | P | P | P | P | A | P | P |
| 8 | ERROLLA KALYAN YADAV | P | P | P | P | P | P | P | P | P | P |
| 9 | G PRAJWAL | P | P | P | A | P | P | P | P | P | P |
| 10 | INDRAKANTI ANJAN | P | P | A | P | P | P | P | P | P | P |
| 11 | JONABOINA NAVEEN | P | P | P | P | P | P | P | P | P | P |
| 12 | K UPENDER RAO | P | P | P | P | P | P | P | P | P | P |
| 13 | K KISHORE | P | P | P | P | P | P | P | P | P | P |
| 14 | MANGARAI NAVEEN | A | P | P | P | P | P | P | P | P | P |
| 15 | MATHREY KALPANA | P | A | P | P | P | P | P | P | P | P |
| 16 | MOHAMMED ABDUL SAJEED | P | P | P | A | P | P | P | P | A | P |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | NIKHILA MUKKU | P | P | P | P | P | P | A | P | P | P |
| 18 | NALLAMALA JAYARAMKRISHNA | P | A | P | P | P | P | P | P | P | P |
| 19 | NARESH | P | P | P | P | P | P | P | P | A | P |
| 20 | NERUDI BHARGAVI | A | A | P | P | P | P | P | P | P | A |
| 21 | NIDAMANUORI VASAVI LATHA | P | P | P | P | P | P | P | P | P | P |
| 22 | RESHU YADAV | P | P | P | P | P | P | P | A | P | P |
| 23 | RONTALARACHANA | A | P | P | P | A | P | P | P | P | P |
| 24 | SAMALA DIVYA . | P | P | P | P | P | P | P | P | A | P |
| 25 | SHAIK SHAINAZ PARVEEN | P | A | P | P | P | P | P | P | P | P |
| 26 | SUMIT MANDAL | P | P | P | P | P | P | P | P | P | P |
| 27 | SURAMPALLY KAVYA | P | A | A | P | P | P | P | P | P | P |
| 28 | SWAPNA THIRUKAVALLURI | P | P | P | P | P | P | P | P | P | P |
| 29 | VIRUSAMALLA. DEVI | P | P | P | P | P | A | P | P | P | P |
| 30 | YADALA THEJASWI | P | P | A | P | P | P | P | P | P | P |
| 31 | ADDADA SUDHA RANI | P | P | P | P | P | P | P | P | A | P |
| 32 | ANNAM RAVI | P | P | P | P | P | P | P | P | P | P |
| 33 | BOKKA RENUKA | P | P | P | P | P | P | P | P | P | P |
| 34 | CHELKALA DEEPIKA | P | P | P | P | P | P | P | P | P | P |
| 35 | CHEPURI RACHANA | P | A | P | P | P | P | P | P | P | P |
| 36 | CHURAKANTI NAVYA SREE REDDY | P | P | P | P | P | P | P | P | P | A |
| 37 | DOODIKAPIL PRAVEENKUMAR | P | A | P | P | P | P | A | P | P | P |
| 38 | GAJAWAD SWATHI | P | P | P | A | P | P | P | P | P | P |
| 39 | JOGA SHIRISHA | P | A | P | P | A | P | P | P | P | P |
| 40 | JOLA SAILAJA | P | P | P | P | P | P | P | A | P | P |
| 41 | KAMUJA TEJASWINI | P | P | P | P | P | P | P | P | P | A |
| 42 | KANDALA SAIKIRAN | A | P | P | P | P | P | P | P | P | P |
| 43 | KOYAADA SWETHA REDDY | P | P | P | P | P | P | P | P | P | P |
| 44 | M SAIKIRAN | P | P | P | P | P | P | P | P | P | P |
| 45 | MAHESH YADAV JAKKULA | A | P | P | P | P | P | P | P | P | A |
| 46 | MANOJ KUMAR | P | P | P | P | P | P | P | P | P | P |
| 47 | NACHARAM SHIRISHA | P | P | P | P | P | P | P | P | P | P |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | POTTA SRIDHAR YADAV | P | P | P | P | P | A | P | P | A | P |
| 49 | PUTTA CHANDANA PRIYA | P | P | P | P | P | P | A | P | P | P |
| 50 | SALENDROLU PAVAN YADAV | P | P | P | P | P | P | P | P | P | P |
| 51 | SEVA LAKSHMI RADHA DEVI | A | P | P | P | A | P | P | A | P | A |
| 52 | SUGUR SANTOSHI | P | A | P | P | P | P | A | P | P | P |
| 53 | TADEM PAVANI | P | P | P | P | P | P | P | P | P | P |
| 54 | THORRIKONDA UMESHCHANDRA | P | P | A | P | P | P | P | P | P | P |
| 55 | VASAM PRASHANTH | A | P | P | P | P | P | P | P | P | P |
| 56 | Y RAMBABU | P | P | P | P | P | P | P | P | P | P |
| 57 | YENNAM VENKAT RAM REDDY | P | P | P | P | P | P | P | A | P | P |
| 58 | RESU SWETHA | P | P | P | P | P | P | P | P | P | P |
| 59 | VEERAMACHANENI DHAVANI | P | P | P | A | P | P | P | P | P | P |
| 60 | THOLAPU BHAVANA | A | P | P | P | P | P | P | P | P | P |
| 61 | GARIKAPATI VARA PRASADU | P | P | P | P | P | P | P | P | P | P |
| 62 | RONDLA VINEETH REDDY | P | P | P | P | P | P | P | P | P | P |
| 63 | GURUMANCHI PRIYANKA | P | P | P | P | P | P | P | P | P | P |

Event Coordinator

HOD

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## Department of Management

### Certificate Course on "Project Appraisal & Finance"

### Grade Sheet

| Sl. No | Student Name | Grade |
|---|---|---|
| 1. | ADDIGA SAIKIRAN | A+ |
| 2. | AKSHAY YEOTIKAR | A |
| 3 | AUSTOORI SAI SINDHU | A |
| 4 | BELGONI NOEL PRASANNA RAO | A |
| 5 | PALLAVI BURUD | A+ |
| 6 | D MURALIKANTH | B+ |
| 7 | DARAMWAR SUSHMITHA | B |
| 8 | ERROLLA KALYAN YADAV | A+ |
| 9 | G PRAJWAL | A |
| 10 | INDRAKANTI ANJAN | B+ |
| 11 | JONABOINA NAVEEN | A |
| 12 | K UPENDER RAO | B |
| 13 | K KISHORE | A |
| 14 | MANGARAI NAVEEN | A+ |
| 15 | MATHREY KALPANA | A+ |
| 16 | MOHAMMED ABDUL SAJEED | B+ |
| 17 | NIKHILA MUKKU | B |
| 18 | NALLAMALA JAYARAMKRISHNA | A+ |
| 19 | NARESH | A |
| 20 | NERUDI BHARGAVI | A+ |
| 21 | NIDAMANUORI VASAVI LATHA | A |
| 22 | RESHU YADAV | A+ |
| 23 | RONTALARACHANA | A+ |
| 24 | SAMALA DIVYA | B+ |
| 25 | SHAIK SHAINAZ PARVEEN | B |
| 26 | SUMIT MANDAL | B+ |
| 27 | SURAMPALLY KAVYA | B |
| 28 | SWAPNA THIRUKAVALLURI | A+ |
| 29 | VIRUSAMALLA. DEVI | B+ |
| 30 | YADALA THEJASWI | B |
| 31 | ADDADA SUDHA RANI | A+ |

| | | |
|---|---|---|
| 32 | ANNAM RAVI | A+ |
| 33 | BOKKA RENUKA | A |
| 34 | CHELKALA DEEPIKA | A |
| 35 | CHEPURI RACHANA | B+ |
| 36 | CHURAKANTI NAVYA SREE REDDY | B |
| 37 | DOODIKAPIL PRAVEENKUMAR | B+ |
| 38 | GAJAWAD SWATHI | B |
| 39 | JOGA SHIRISHA | B+ |
| 40 | JOLA SAILAJA | B |
| 41 | KAMUJA TEJASWINI | B |
| 42 | KANDALA SAIKIRAN | B+ |
| 43 | KOYAADA SWETHA REDDY | A+ |
| 44 | M SAIKIRAN | A+ |
| 45 | MAHESH YADAV JAKKULA | A |
| 46 | MANOJ KUMAR | A+ |
| 47 | NACHARAM SHIRISHA | A+ |
| 48 | POTTA SRIDHAR YADAV | B |
| 49 | PUTTA CHANDANA PRIYA | B+ |
| 50 | SALENDROLU PAVAN YADAV | A |
| 51 | SEVA LAKSHMI RADHA DEVI | A |
| 52 | SUGUR SANTOSHI | A |
| 53 | TADEM PAVANI | A+ |
| 54 | THORRIKONDA UMESHCHANDRA | B+ |
| 55 | VASAM PRASHANTH | A |
| 56 | Y RAMBABU | A+ |
| 57 | YENNAM VENKAT RAM REDDY | A |
| 58 | RESU SWETHA | A |
| 59 | VEERAMACHANENI DHAVANI | B+ |
| 60 | THOLAPU BHAVANA | B |
| 61 | GARIKAPATI VARA PRASADU | A+ |
| 62 | RONDLA VINEETH REDDY | A |
| 63 | GURUMANCHI PRIYANKA | A |

Kavitha
**Event Coordinator**

**HOD of MBA Department**

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## DEPARTMENT OF MANAGEMENT

# CERTIFICATE OF PARTICIPATION

This is to certify that

MS. J. SAILAJA

MBA Student of 2019-20,has actively participated in the Ten days certified course (11/09/2019 To 21/09/2019) on "Project Appraisal & Finance".

Coordinator HOD Principal

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## Department of Management

# FEEDBACK FORM OF CERTIFICATE COURSE

**Course Title: Certificate course on "Project Appraisal & Finance"**
**Name of Participate:** K. Kishore
**Semester:** I

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered wax sufficient | | ✓ | | |
| The course gives fair exposure to industry-based topic | ✓ | | | |
| Duration of course was appropriate | | | ✓ | |
| Course met the overall expectations | | | ✓ | |
| | ✓ | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | | ✓ | | |
| Faculty have good command over the course contents | | ✓ | | |
| The content was clearly explained | | ✓ | | |
| Queries and doubts were cleared by faculty | | | ✓ | |

**Signature of Participant**

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## Department of Management

# FEEDBACK FORM OF CERTIFICATE COURSE

**Course Title: Certificate course on "Project Appraisal & Finance"**
**Name of Participate:** D. MURALIKANTH
**Semester:** I

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered wax sufficient | ✓ | | | |
| The course gives fair exposure to industry-based topic | | ✓ | | |
| Duration of course was appropriate | | ✓ | | |
| Course met the overall expectations | | ✓ | | |
| | | | | ✓ |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | ✓ | | ✓ | |
| Faculty have good command over the course contents | ✓ | | | |
| The content was clearly explained | | | ✓ | |
| Queries and doubts were cleared by faculty | | | ✓ | |

D. Murali

**Signature of Participant**

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## Department of Management

## FEEDBACK FORM OF CERTIFICATE COURSE

**Course Title: Certificate course on "Project Appraisal & Finance"**
**Name of Participate:** T. Pavani
**Semester:** I

| Feedback on Course Content | Excellent | Good | Fair | Poor |
|---|---|---|---|---|
| The course content is relevant | ✓ | | | |
| The amount of material covered wax sufficient | | ✓ | | |
| The course gives fair exposure to industry-based topic | ✓ | | | |
| Duration of course was appropriate | | ✓ | | |
| Course met the overall expectations | | ✓ | | |
| | ✓ | | | |
| **Feedback on Faculty/Resource Person** | **Excellent** | **Good** | **Fair** | **Poor** |
| Faculty have fair knowledge over the subject | ✓ | | | |
| Faculty have good command over the course contents | | ✓ | | |
| The content was clearly explained | | ✓ | | |
| Queries and doubts were cleared by faculty | ✓ | | | |

T. Pavani
**Signature of Participant**

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## Examination for Certified course on "Project Appraisal & Finance"

Name: J. Naveen Roll No: 19N71E0011

Date: 25/09/2019 Duration: 1 Hr

Room No: 010 Marks: 17 /20 marks

**Answer all the Following Questions: 20*1=20 Marks**

1. Which one of the following is captured in the Work Breakdown Structure (WBS)? [ A ]

A. The life cycle phases
B. The logical order of tasks
C. The scope of the project
D. Project costs

2. Which stage of project management life cycle requires the maximum time of completion [ A ]

A. Conceptualization
B. Planning
C. Execution
D.Estimation

3. In Project management when does planning take place [ B ]

A. Before the project
B. During the project execution
C. At the start of the project
D. After the project

4 .In the initial stage of the project the probability of completing the project is [ C ]

A. Zero
B. High

C. Low
D. Medium

5. Which one is a true statement relating to project communications? [ A ]

A. A project sponsor is responsible for all communication methods and media.

B. Different stakeholders typically have different communication needs.

C. It is best to have a standard set of project reports used for every project.

D. Email is the only way to communicate with large numbers of people.

6. The particular task performance in CPM is Known [ B ]
A.Dummy
B.Event
C. Activity
D.Contract.

7. The critical path [ C ]
A. Is a path that operates from the starting node to the end node
B. Is a mixture of all paths.
C. Is the Longest Path
D. Is the shortest path

8.Free float for any activity is defined as the difference between [ D ]

A. its earliest finish time and earliest start time for its successor activity

B. its latest start time and earliest start time

C.its latest finish time and earliest start time for its successor activity

D. its earliest finish time and latest start time for its successor activity

9. The time with which direct cost does not reduce with the increase in time is known as [ A ]
A.crash time
B. Normal time
C. Optimistic time
D. Standard time

10. The time corresponding to minimum total project cost is [ A ]
A. crash time
B. normal time
C. optimistic time

D. between normal time and crash time

11. Project crashing is the method for [ B ]
A. Shortening the project duration by reducing the time of one or more critical activities.
B. Adding resources at critical points
C. Doing technical analysis of the finished work for review
D. Adding duration to each activity

12. Feasibility study determines [ A ]
A. Whether the project is possible with resources
B. Comparing the project with world class manufacturing norms
C. Calculate the cost crashing each unit
D. Add duration to each unit

13. What is a cash flow table in project management? [ A ]

A. A table portraying inflow of cash in a project
B. A table portraying outgoing expenses of a project.
C. It is the tool that is used to study such cash flows by breaking inflows and outflows down,usually on a monthly basis.
D. A table portraying debts taken for a project

14. A project has a Profitability Index of 1.30.

What does it mean?[ B]
A. The NPV is less than zero.

B. The payback period is more than one year

C. That the project returns Rs 1.30 for every Re 1 invested in the project

D. That IRR is 1.30 times that of the Hurdle Rate

15. If there is no inflation during a period, then the Money Cash flow would be equal to [ B]

A. Present Value,

B. Real Cash flow,

C. Real Cash flow + Present Value,

D. Real Cash flow - Present Value

16. Real rate of return is equal to [C ]

A. Nominal Rate × Inflation Rate,

B. Nominal Rate ÷ Inflation Rate,

C. Nominal Rate - Inflation Rate,

D. Nominal Rate + Inflation Rate

17. The criteria for acceptance of a project on the basis of Profitability Index (PI) is [D]

A. PI=0
B. PI >0
C. PI <0
D. PI>1

18. In Project crashing, rent and overheads are treated as [C]

A. Significant Cost
B. Insignificant costs
C. Direct costs
D. Indirect Costs

19. For an activity in a CPM analysis, the early Finish time is 13 and the late Finish time is 13, Duration of activity is 6. Which of the following statements is true? [D]

A. The early start is 6

B. The duration of the activity is 13

C. The slack of this activity is 13

D. The activity is on the critical path

20. Independent float is the amount of time by which [A]

A. Start of the activity can be delayed without affecting the EST of subsequent activity

B. reduces the float of subsequent activities

C. completion of an activity can be delayed beyond EFT without affecting EST

D. completion of an activity can be delayed beyond earliest possible finishing time