



**VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN**  
An ISO 9001:2015 Certified Institute, Approved by AICTE, Affiliated to JNTU Kakinada, AP  
Phone: 0866-2844444, Email: [vijayatechfw@gmail.com](mailto:vijayatechfw@gmail.com) Website: [www.vitw.edu.in](http://www.vitw.edu.in)  
College Code: NP, Enikepadu, Vijayawada-521108

## List of Certificate/ Add-on Programs

**Academic Year: 2018-19**

| S.No | Name of the Program   | Duration of Course       | No. of Participants |
|------|---|--------------------------|---------------------|
| 1    | Add-On Course on PLC  | 14-08-2018 to 31-08-2018 | 127                 |
| 2    | Add-On Course on Lab View                                     | 25-01-2019 to 12-2-2019  | 64                  |
| 3    | Add-On Course on Network Security                             | 11-02-2019 to 21-02-2019 | 46                  |
| 4    | Add-On Course on Fundamentals of Python Programming           | 15-08-2018 to 31-08-2018 | 51                  |
| 5    | Add-On Course on Mobile Application Development using Android | 13-08-2018 to 29-08-2018 | 101                 |
| 6    | Add-On Course on Basics of AI                                 | 03-12-2018 to 20-12-2018 | 116                 |
| 7    | Add-On Course on Data Visualization in R-Programming          | 28-01-2019 to 04-02-2019 | 75                  |

  
PRINCIPAL



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VIJAYA INSTITUTE OF  
TECHNOLOGY FOR WOMEN  
ENIKEPADU, VIJAYAWADA-521108



# VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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Date: 06/08/2018

## CIRCULAR

All the students are hereby informed that the Department of Electronics and Communication Engineering is conducting an Add-On Course on "PLC" for II&III- B. Tech, ECE students. The course will be conducted from **14-08-2018 to 31-8-2018**. In this context, interested students are requested to register their names in the department office on or before 13/08/2018.

**Resource Person:** Mr.J.KRISHNA

Assistant Professor, Department of EEE,

Vijaya Institute of Technology for Women

**Venue:** ROOM NO 12 (SECOND Floor)

All the registered students must attend the Add-On Course regularly without fail.

*K. Prasanna*  
HoD

*G. Chinn*  
PRINCIPAL 6/8/18

### Copy to:

1. The Secretary, SRK Foundation
2. All the Department Heads
3. Notice Board

## About the College

The College VITW was founded by Sri Boyapati Appa Rao garu in 2008, with the objective of providing excellent learning facility for women to pursue education in Engineering. VITW is affiliated to JNTUK, approved by AICTE, certified by ISO 9001:2015. VITW is only women's engineering college in the heart of Vijayawada city offering engineering undergraduate courses in CSE, ECE, IT and Masters in business administration and diploma engineering courses in DCME, DECE, DEEE. VITW has made its presence felt more with academic, discipline, results and the achievements of its students.

## About ECE Department

The Department of Electronics and Communication Engineering (ECE) is established in the year 2008 with a view to develop quality engineers to meet the current trends. The Department provides Undergraduate programmed in B.Tech (ECE) is noted for research and teaching excellence. Its recognized faculty members are engaged in breakthrough research across the leading areas of Electronics and Communication Engineering

## CHIEF PATRONS

**Sri B. S. Appa Rao**  
Chairman, SRK Foundation

## PATRON

**Sri. B. Sri Krishna**  
Secretary, SRK Foundation

## Convener

**Dr. G. Chenchamma**  
Principal

## Co-Convener

**K. PRASUNA**  
HOD of ECE

## Resource Person

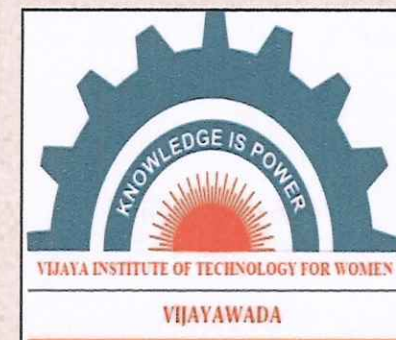
**Mr. J. KRISHNA**  
Assistant professor

## Coordinator

**Mrs P.SILPA**  
Assistant Professor

## ADD-ON COURSE

on  
"PLC"



Organized by

Department of ECE

14-08-2018 to 31-8-2018

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Andhra Pradesh, India

## About the Course

- A programmable logic controller is a type of tiny computer that can receive data through its inputs and send operating instructions through its outputs. Fundamentally, a PLC's job is to control a system's functions using the internal logic programmed into it.

## Objectives

- Fundamentally, a PLC's job is to control a system's functions using the internal logic programmed into it.
- Businesses around the world use PLCs to automate their most important processes.
- A PLC takes in inputs, whether from automated data capture points or from human input points such as switches or buttons.

## Outcomes

- At the end of the course student will have ability to:
  1. Perform different types of PLC programming schemes.
  2. Ability to implement ladder diagrams for

## Topics to be covered

- ❖ PLC Hardware Introduction  
Describe the PLC architecture
- ❖ Describe the PLC program execution cycle
- ❖ Describe various Data Memory Area and file types
- ❖ Be able to address digital I/O lines, bits in data memory and variables.
- ❖ Ladder logic introduction
- ❖ Explain the operation of ladder/relay logi
- ❖ Be able to navigate in the LogixPro software interface
- ❖ Familiarize with the LogixPro I/O Simulator
- ❖ Create, edit, "download", run LogixPro programs
- ❖ Effectively use N.O switch, N.C. switch and coil output instructions.
- ❖ File Types and Organization
- ❖ Explain the various file types, their purpose, and their relation to each other:
  - ❖ project file, processor file
  - ❖ database file
  - ❖ Program file and data file.

## Resource Person

**Mr. J. KRISHNA**

Assistant Professor

Department of EEE

## Registration

**Registration is Free**



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### DAY - WISE SCHEDULE

**Name of the Program:** ADD ON COURSE on “PLC”

**Duration** : 14-08-2018 to 31-8-2018

| Schedule    | Date       | Topic Covered   |
|-------------|------------|---|
| Schedule 1  | 14-08-2018 | PLC Hardware Intro  |
| Schedule 2  | 15-08-2018 | Describe the PLC architecture   |
| Schedule 3  | 16-08-2018 | Describe the PLC program execution cycle                                |
| Schedule 4  | 18-08-2018 | Be able to address digital I/O lines, bits in data memory and variables |
| Schedule 5  | 20-08-2018 | Ladder logic intro  |
| Schedule 6  | 21-08-2018 | the operation of ladder/relay logic                                     |
| Schedule 7  | 22-08-2018 | Be able to navigate in the LogixPro software interface                  |
| Schedule 8  | 23-08-2018 | Familiarize with the LogixPro I/O Simulator                             |
| Schedule 9  | 24-08-2018 | Create, edit, “down load”, run LogixPro programs                        |
| Schedule 10 | 25-08-2018 | Effectively use N.O switch, N.C. switch and coil output instructions    |
| Schedule 11 | 27-08-2018 | File Types and Organization   |
| Schedule 12 | 28-08-2018 | various file types, their purpose, and their relation to each           |
| Schedule 13 | 29-08-2018 | project file  |
| Schedule 14 | 30-08-2018 | processor file, database file   |
| Schedule 15 | 31-08-2018 | program file and data file.   |

*J. Vishu*  
Resource Person

*K. Prasanna*  
HoD



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**Name of the Program:** ADD ON COURSE on "PLC"

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| S. No. | Registered No. | Name of the Student             | Branch | Signature                    |
|--------|----------------|---------------------------------|--------|------------------------------|
| 1      | 17NP1A0401     | AAKANKSHA APPIKONDA             | ECE    | A. Appikonda                 |
| 2      | 17NP1A0402     | ACHYUTHA LAKSHMI MOUNIKA        | ECE    | A. Lakshmi mounika           |
| 3      | 17NP1A0403     | AKULA HARINI                    | ECE    | A. Harini                    |
| 4      | 17NP1A0404     | ALAPATI SRAVANI                 | ECE    | A. Sravani                   |
| 5      | 17NP1A0405     | AVUTHU THANUSHA                 | ECE    | A. Thanusha                  |
| 6      | 17NP1A0406     | BADAM VENKATA BINDHU SRI ANUSHA | ECE    | B. Venkata Bindhu Sai Anusha |
| 7      | 17NP1A0407     | BALA HIMAPRIYANKA               | ECE    | B. H. Priyanka               |
| 8      | 17NP1A0408     | BALUSU MOHINI                   | ECE    | B. Mohini                    |
| 9      | 17NP1A0409     | BANNARAVURI HEMA HARITHA        | ECE    | B. Haritha                   |
| 10     | 17NP1A0410     | BOGYULA MOUNIKA                 | ECE    | B. Mounika                   |
| 11     | 17NP1A0411     | BORRA GAYATHRI                  | ECE    | B. Gayatri                   |
| 12     | 17NP1A0412     | CHAVALA PAVITHRA                | ECE    | C. Pavithra                  |
| 13     | 17NP1A0413     | CHEEKATLA DEEPIKA               | ECE    | C. Deepika                   |
| 14     | 17NP1A0414     | CHILUKURI SAI SINDHU            | ECE    | C. Sai Sindhu                |
| 15     | 17NP1A0415     | DADIGA LAVANYA                  | ECE    | D. Lavanya                   |
| 16     | 17NP1A0416     | DASI MERCY                      | ECE    | D. Mercy                     |
| 17     | 17NP1A0417     | DEVARAPU HARSHINI               | ECE    | D. Harshini                  |
| 18     | 17NP1A0418     | DORAPUREDDY PRATHYUSHA          | ECE    | D. Prathyusha                |
| 19     | 17NP1A0419     | DUDALA HEMA NAGA RAMYA          | ECE    | D. Hema naga ramya           |
| 20     | 17NP1A0420     | EEDA DEEPTHI                    | ECE    | E. Deepthi                   |
| 21     | 17NP1A0421     | GADI KUSUMA                     | ECE    | G. Kusuma                    |
| 22     | 17NP1A0422     | GORLI SANDHYA RANI              | ECE    | G. Sandhya rani              |
| 23     | 17NP1A0423     | GOVADA BINDU SAI                | ECE    | G. Bindu Sai                 |
| 24     | 17NP1A0424     | GUNDIMEDA REECHA                | ECE    | G. Reecha                    |

  
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|--------|----------------|-------------------------|--------|--------------------|
| 25     | 17NP1A0425     | BAIG HARIKA             | ECE    | B. Harika          |
| 26     | 17NP1A0426     | KANIJAM RAMYA SREE      | ECE    | K. Ramya Sree      |
| 27     | 17NP1A0427     | KANNAMREDDY DIVYA SRI   | ECE    | K. Divya Sri       |
| 28     | 17NP1A0428     | KARNATI SRI GOWRI       | ECE    | K. Sri Gowri       |
| 29     | 17NP1A0429     | SRAVANTHI KASIREDDY     | ECE    | S. Kasireddy       |
| 30     | 17NP1A0430     | KATAKAM VISHNU PRIYA    | ECE    | K. Vishnu Priya    |
| 31     | 17NP1A0431     | KATARI SIVA LAKSHMI     | ECE    | K. Siva Lakshmi    |
| 32     | 17NP1A0432     | KILANI BHAVANI          | ECE    | K. Bhavani         |
| 33     | 17NP1A0433     | KOLA MADHURI            | ECE    | K. Madhuri         |
| 34     | 17NP1A0434     | KONDURU DIVYA SRI       | ECE    | K. Divya Sri       |
| 35     | 17NP1A0435     | KOPPANATHI MANASA       | ECE    | K. Manasa          |
| 36     | 17NP1A0436     | KOTAGIRI NAGA SAISRI    | ECE    | K. Naga Saisri     |
| 37     | 17NP1A0437     | KUNAM LAKSHMI ANVITHA   | ECE    | K. Lakshmi Anvitha |
| 38     | 17NP1A0438     | KURRE SAI PREETHI       | ECE    | K. Sai Preethi     |
| 39     | 17NP1A0439     | LINGAREDDY NAGA SANDHYA | ECE    | K. Preethi         |
| 40     | 17NP1A0440     | MALLADI INDRANI         | ECE    | M. Indrani         |
| 41     | 17NP1A0441     | MARELLA GAYATHRI        | ECE    | M. Gayathri        |
| 42     | 17NP1A0442     | MENDE MRUDULA           | ECE    | M. Mrudula         |
| 43     | 17NP1A0443     | MOCHERLA LALITHA        | ECE    | M. Lalitha         |
| 44     | 17NP1A0444     | MODUGULA ANUSHA         | ECE    | M. Anusha          |

  
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|--------|----------------|-----------------------------------|--------|-------------------------------|
| 45     | 17NP1A0445     | MULAGALA CHINHITHA                | ECE    | M. Chinhitha                  |
| 46     | 17NP1A0446     | MULAGALA CHINMAI                  | ECE    | M. Chinmai                    |
| 47     | 17NP1A0447     | MULAKALAPALLI MAHIMA CHOWDARY     | ECE    | M. Mahima Chowdary            |
| 48     | 17NP1A0448     | NAKKA PUJA DEEPTI                 | ECE    | N. Puja Deepthi               |
| 49     | 17NP1A0449     | OGGU AKSHAYA                      | ECE    | O. Akshaya                    |
| 50     | 17NP1A0450     | REGALLA NAGA VENKATA DURGA        | ECE    | R. Naga Venkata Durga         |
| 51     | 17NP1A0451     | RENTACHINTALA BHAVYA SAI SRI      | ECE    | R. Bhavya Sai Sri             |
| 52     | 17NP1A0452     | ROUTHU NAGASRI                    | ECE    | R. Nagesri                    |
| 53     | 17NP1A0453     | SALIVENDRA MALAVIKA               | ECE    | S. Malavika                   |
| 54     | 17NP1A0454     | SEERAPU PUJITHA                   | ECE    | S. Pujitha                    |
| 55     | 17NP1A0455     | SHAIK MATHEEN                     | ECE    | Sk. Matheen                   |
| 56     | 17NP1A0456     | SHAROAN VELPULA                   | ECE    | S. Velpula                    |
| 57     | 17NP1A0457     | BALA TRIPURA SUNDARI SUNNAPU      | ECE    | B. T. Sundari                 |
| 58     | 17NP1A0458     | SURANENI PRATHYUSHA               | ECE    | S. Prathyusha                 |
| 59     | 17NP1A0459     | TATUKURI SHANMUKA PRIYA           | ECE    | T. Shanmuka Priya             |
| 60     | 17NP1A0460     | TIRUMALA SOWJANYA                 | ECE    | T. Sowjanya                   |
| 61     | 17NP1A0461     | DEMULA NAGA VENKATA PRAMEELA RANI | ECE    | V. Naga Venkata Prameela Rani |
| 62     | 17NP1A0462     | VENDI ASWINI                      | ECE    | V. Aswini                     |
| 63     | 17NP1A0463     | VULASA HARSHINI                   | ECE    | V. Harshini                   |
| 64     | 17NP1A0464     | LANKA NAVYA                       | ECE    | L. Navya                      |

*[Signature]*  
CO-ORDINATOR

*[Signature]*  
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|--------|----------------|------------------------------|--------|---------------------|
| 65     | 17NP1A0465     | ANGIREKULA SRAVANA LAKSHMI   | ECE    | A. Sravana Lakshmi  |
| 66     | 17NP1A0466     | SRIJA TATA                   | ECE    | S. Tata             |
| 67     | 17NP1A0467     | ISLAVATH UMA DEVI BAI        | ECE    | I. Devi bai         |
| 68     | 17NP1A0468     | SAHITHI LINGINENI            | ECE    | L. Sahithi          |
| 69     | 18NP5A0401     | SHAIK MOBEENA                | ECE    | Sk. Mobeena         |
| 70     | 18NP5A0402     | JONNADA MAHA LAKSHMI         | ECE    | J. Maha Lakshmi     |
| 71     | 18NP5A0403     | GANGULA BHAVANI              | ECE    | G. Bhavani          |
| 72     | 18NP5A0404     | TADIKEMALLA NAMRATHA         | ECE    | T. NAMRATHA         |
| 73     | 18NP5A0405     | SHAIK YASMEEN FATHIMA SUGARA | ECE    | S.k yasmeen         |
| 74     | 18NP5A0406     | KAMMILI DEEPIKA              | ECE    | K. Deepika          |
| 75     | 18NP5A0407     | ALLU JYOTHI SINDHUJA         | ECE    | A. Jyothi Sindhuja  |
| 76     | 18NP5A0408     | DOODALA GEETANJALI           | ECE    | D. Geetanjali       |
| 77     | 18NP5A0409     | BALAGA UMASAI                | ECE    | B. Umasai           |
| 78     | 17AJ1A0413     | B.PRATHYUSHA                 | ECE    | B. Prathyusha       |
| 79     | 16NP1A0401     | AKKEM DEVIKA REDDY           | ECE    | A. Devika Reddy     |
| 80     | 16NP1A0402     | ALLAMSETTI REVATHI           | ECE    | A. Revathi          |
| 81     | 16NP1A0403     | ARAVAPALLI SIVA NAGA LAKSHMI | ECE    | A. sivanaga lakshmi |
| 82     | 16NP1A0404     | BANDARU SOWMYA               | ECE    | B. Sowmya           |
| 83     | 16NP1A0405     | BOJJA BHARGAVI               | ECE    | B. Bhargavi         |
| 84     | 16NP1A0406     | CHALLAGULLA RAMYA            | ECE    | ch. Ramya           |

  
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|--------|----------------|--------------------------|--------|-------------------|
| 85     | 16NP1A0407     | DAMERLA LALASA           |        | D. Lalasa         |
| 86     | 16NP1A0408     | DEVANABOINA OOHA         | ECE    | D. OOHA           |
| 87     | 16NP1A0409     | GATTEM SAHITHA           | ECE    | G. Sahitha        |
| 88     | 16NP1A0410     | GORLA SRI KAVYA          |        | Gr. Sri kavya.    |
| 89     | 16NP1A0411     | GUDIVAKA DURGA BHAVANI   |        | Gr. Bhovani       |
| 90     | 16NP1A0412     | GUREEALA DIVYA           | ECE    | Gr. Divya         |
| 91     | 16NP1A0413     | HEMA KOLLI               | ECE    | Hemkollli         |
| 92     | 16NP1A0414     | KAMMILA SHAMILI          | ECE    | K. Shamilii       |
| 93     | 16NP1A0415     | KANCHARLAPALLI PREETHI   | ECE    | K. Preethi        |
| 94     | 16NP1A0416     | KAPATI VINDOLI           | ECE    | K. Vindoli        |
| 95     | 16NP1A0417     | KASIMKOTA BINDU SAI SREE | ECE    | K. Bindu Sai Sree |
| 96     | 16NP1A0418     | KILARU LIKITHA RANI      | ECE    | K. Likitha Rani   |
| 97     | 16NP1A0419     | KIRANMAYEE MEDAM         | ECE    | K. Medam          |
| 98     | 16NP1A0420     | KONDAPU GNANESWARI       | ECE    | K. Gnaneswari     |
| 99     | 16NP1A0421     | KOTA VEENA SRILEKHA      | ECE    | K. Veena Srileka  |
| 100    | 16NP1A0422     | LINGAREDDY AMULYA        | ECE    | L. Amulya         |
| 101    | 16NP1A0423     | NAGA MANI MAGANTI        | ECE    | M. Naganamani     |
| 102    | 16NP1A0424     | MALLEBOYINA NIHARIKA     | ECE    | M. Niharika       |
| 103    | 16NP1A0425     | MARADA CHAITANYA SRI     | ECE    | M. Chaitanya      |
| 104    | 16NP1A0426     | MUSUNURU KAVYA SREE      | ECE    | M. kavya Sree     |
| 105    | 16NP1A0427     | NIDAMANURI. TEJASWI      | ECE    | N. Tejaswi        |

  
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|--------|----------------|------------------------------|--------|--------------------|
| 106    | 16NP1A0428     | NIMMAGADDA SRUTHI            | ECE    | N. Srothi          |
| 107    | 16NP1A0429     | NUKATHOTI SANJANA            | ECE    | N. Sanjana.        |
| 108    | 16NP1A0430     | PARIMI RANI PRAVALLIKA       | ECE    | P. R. Pravallika   |
| 109    | 16NP1A0431     | PATIBANDLA SRI LAKSHMI       | ECE    | P. Sri Lakshmi     |
| 110    | 16NP1A0432     | RAVULAPATI PRATHYUSHA        | ECE    | R. Prathyusha      |
| 111    | 16NP1A0433     | SADHU NAVYA PAVANI           | ECE    | S. Navya Pavani    |
| 112    | 16NP1A0434     | SANAGAPALLI V K S DEEPTHI    | ECE    | S. Deepthi         |
| 113    | 16NP1A0435     | SHAIK DIMPLE GOUSIYA         | ECE    | Sk. Dimple Gousiya |
| 114    | 16NP1A0436     | SUNKARA JANAKI NAVYA         | ECE    | S. J. Navya        |
| 115    | 16NP1A0437     | SUNKARA NIKITHA              | ECE    | S. Nikitha         |
| 116    | 16NP1A0438     | SUNKARA VIDYA                | ECE    | S. Vidya           |
| 117    | 16NP1A0439     | AISWARYA TATA                | ECE    | Aiswarya Tata      |
| 118    | 16NP1A0440     | TAMBABATTULA ROJASRI         | ECE    | T. Rojasri         |
| 119    | 16NP1A0441     | THAGARAM VANISRI             | ECE    | T. Vanisri         |
| 120    | 16NP1A0442     | TIRUMALASETTY<br>SAISWAPNIKA | ECE    | T. Saiswapnika     |
| 121    | 16NP1A0443     | TUMMALAPENTA SAI<br>NIHARIKA | ECE    | T. Sai Niharika.   |
| 122    | 16NP1A0444     | VANAMA KEERTHI               | ECE    | V. Keerthi         |
| 123    | 16NP1A0445     | YADLA ARCHANA                | ECE    | Y. Archana         |
| 124    | 16NP1A0446     | YANDRAPU TRIPURA DEVI        | ECE    | Y. Tripura Devi    |
| 125    | 17NP5A0402     | MOVVA MOUNIKA                | ECE    | M. Mounika         |
| 126    | 17NP5A0403     | PILLELA VIJAYA LAKSHMI       | ECE    | P. Vijaya Lakshmi  |
| 127    | 17NP5A0405     | ODURI NAVYA DEVI             | ECE    | O. Navya Devi      |

  
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Academic Year : 2018-2019

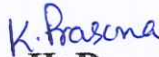
Date: 31/8/2018

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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1     | 17NP1A0401     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     |
| 2     | 17NP1A0402     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 3     | 17NP1A0403     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 4     | 17NP1A0404     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 5     | 17NP1A0405     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 6     | 17NP1A0406     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     |
| 7     | 17NP1A0407     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     |
| 8     | 17NP1A0408     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 9     | 17NP1A0409     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 10    | 17NP1A0410     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 11    | 17NP1A0411     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 12    | 17NP1A0412     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |

  
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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 13    | 17NP1A0413     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 14    | 17NP1A0414     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     |
| 15    | 17NP1A0415     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 16    | 17NP1A0416     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 17    | 17NP1A0417     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 18    | 17NP1A0418     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 19    | 17NP1A0419     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 20    | 17NP1A0420     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 21    | 17NP1A0421     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 22    | 17NP1A0422     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 23    | 17NP1A0423     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 24    | 17NP1A0424     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |

  
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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 25    | 17NP1A0425     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 26    | 17NP1A0426     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 27    | 17NP1A0427     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 28    | 17NP1A0428     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 29    | 17NP1A0429     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 30    | 17NP1A0430     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 31    | 17NP1A0431     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 32    | 17NP1A0432     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 33    | 17NP1A0433     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 34    | 17NP1A0434     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 35    | 17NP1A0435     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 36    | 17NP1A0436     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |

  
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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 37    | 17NP1A0437     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 38    | 17NP1A0438     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 39    | 17NP1A0439     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 40    | 17NP1A0440     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 41    | 17NP1A0441     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 42    | 17NP1A0442     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 43    | 17NP1A0443     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 44    | 17NP1A0444     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 45    | 17NP1A0445     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 46    | 17NP1A0446     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 47    | 17NP1A0447     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 48    | 17NP1A0448     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |

  
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| 49    | 17NP1A0449     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     |
| 50    | 17NP1A0450     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 51    | 17NP1A0451     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 52    | 17NP1A0452     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 53    | 17NP1A0453     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 54    | 17NP1A0454     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 55    | 17NP1A0455     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 56    | 17NP1A0456     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 57    | 17NP1A0457     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 58    | 17NP1A0458     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 59    | 17NP1A0459     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 60    | 17NP1A0460     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |

  
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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 61    | 17NP1A0461     | P     | P     | A     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     |
| 62    | 17NP1A0462     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 63    | 17NP1A0463     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | A     | P     | P     | A     | P     |
| 64    | 17NP1A0464     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | A     | P     | P     | P     |
| 65    | 17NP1A0465     | P     | P     | P     | A     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     |
| 66    | 17NP1A0466     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     |
| 67    | 17NP1A0467     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     |
| 68    | 17NP1A0468     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | A     |
| 69    | 18NP5A0401     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     |
| 70    | 18NP5A0402     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     |
| 71    | 18NP5A0403     | P     | P     | P     | P     | P     | A     | P     | A     | P     | P     | P     | P     | P     | A     | P     |
| 72    | 18NP5A0404     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |

  
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| 73    | 18NP5A0405     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | A     | P     | P     | P     | P     |
| 74    | 18NP5A0406     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     |
| 75    | 18NP5A0407     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     |
| 76    | 18NP5A0408     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 77    | 18NP5A0409     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | A     | P     | P     | P     |
| 78    | 17AJ1A0413     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | A     |
| 79    | 16NP1A0401     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     |
| 80    | 16NP1A0402     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 81    | 16NP1A0403     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     |
| 82    | 16NP1A0404     | A     | P     | P     | A     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 83    | 16NP1A0405     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 84    | 16NP1A0406     | P     | P     | P     | P     | A     | P     | P     | P     | A     | P     | P     | P     | P     | A     | P     |

  
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| 85    | 16NP1A0407     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     |
| 86    | 16NP1A0408     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 87    | 16NP1A0409     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 88    | 16NP1A0410     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 89    | 16NP1A0411     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 90    | 16NP1A0412     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 91    | 16NP1A0413     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     |
| 92    | 16NP1A0414     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 93    | 16NP1A0415     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 94    | 16NP1A0416     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 95    | 16NP1A0417     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 96    | 16NP1A0418     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |

COORDINATOR

K. Prasanna  
HoD



# VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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Phone: 0866-2844444, Email: [Vijayatechfw@gmail.com](mailto:Vijayatechfw@gmail.com) Website: [www.vitw.edu.in](http://www.vitw.edu.in)

College Code: NP, Enikepadu, Vijayawada-521108

Academic Year : 2018-2019

Date: 31/08/2018

Name of the Program: ADD ON COURSE on "PLC"

Duration : 14-08-2018 to 31-8-2018

| S. No | Registered No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day10 | Day11 | Day12 | Day13 | Day14 | Day15 |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 97    | 16NP1A0419     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 98    | 16NP1A0420     | P     | P     | A     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 99    | 16NP1A0421     | P     | P     | P     | P     | A     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 100   | 16NP1A0422     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     |
| 101   | 16NP1A0423     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 102   | 16NP1A0424     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 103   | 16NP1A0425     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     |
| 104   | 16NP1A0426     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 105   | 16NP1A0427     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | A     | P     |
| 106   | 16NP1A0428     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 107   | 16NP1A0429     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 108   | 16NP1A0430     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | R     |

  
Coordinator

  
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## DAY-WISE ATTENDANCE SHEET

Academic Year : 2018-2019

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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 109   | 16NP1A0431     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 110   | 16NP1A0432     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 111   | 16NP1A0433     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 112   | 16NP1A0434     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 113   | 16NP1A0435     | P     | P     | P     | P     | P     | A     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 114   | 16NP1A0436     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 115   | 16NP1A0437     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 116   | 16NP1A0438     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     |
| 117   | 16NP1A0439     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 118   | 16NP1A0440     | P     | A     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 119   | 16NP1A0441     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 120   | 16NP1A0442     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     |

  
Coordinator

  
HoD



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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 121   | 16NP1A0443     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 122   | 16NP1A0444     | P     | P     | P     | P     | A     | P     | P     | A     | P     | P     | P     | A     | P     | P     | P     |
| 123   | 16NP1A0445     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     |
| 124   | 16NP1A0446     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 125   | 17NP5A0402     | P     | A     | P     | P     | P     | A     | P     | P     | A     | P     | A     | P     | P     | A     | P     |
| 126   | 17NP5A0403     | P     | P     | A     | P     | P     | P     | P     | P     | P     | A     | P     | P     | A     | P     | P     |
| 127   | 17NP5A0405     | P     | A     | P     | A     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     | A     |

  
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College Code: NP, Enikepadu, Vijayawada-521108

## PROGRAM REPORT

**Name of the Program** : ADD ON COURSE on "PLC"

**Duration** : 14-08-2018 to 31-8-2018

**Resource Person** : Mr.J.KRISHNA

Assistant Professor, Department of EEE,  
Vijaya Institute of Technology for Women  
Phone no:7997444467

**Name of the Coordinator** : Mrs. P.SILPA

**No. of Participants** :127

**Program Objective** : Fundamentally, a PLC's job is to control a system's functions using the internal logic programmed into it. Businesses around the world use PLCs to automate their most important processes. A PLC takes in inputs, whether from automated data capture points or from human input points such as switches or buttons

**Topics Covered** : PLC Hardware Introduction, Describe the PLC architecture, Describe the PLC program execution cycle, Describe various Data Memory Area and file types, Be able to address digital I/O lines, bits in data memory and variables. Ladder logic introduction, Explain the operation of ladder/relay logic, Be able to navigate in the Logix Pro software interface, Familiarize with the Logix Pro I/O Simulator, Create, edit, "down load", run Logix Pro programs, Effectively use N.O switch, N.C. switch and coil output instructions, File Types and Organization, Explain the various file types, their purpose, and their relation to each, other: project file, processor file, database file, program file and data file. Be able to describe the purpose, symbol, content, structure, and addressing of each data file type, including output, input, bit, integer, floating point, counter, timer, processor status, and control file.

**Program Outcome** : At the end of the course student will have ability to: 1. Perform different types of PLC programming schemes. 2. Ability to implement ladder diagrams for process control

  
**CO-ORDINATOR**

  
**HoD**



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College Code: NP, Enikepadu, Vijayawada-521108

**Name of the Program** : ADD-ON COURSE on “PLC”

**Duration** : 14-08-2018 to 31-8-2018



**CO-ORDINATOR**

*K. Prasanna*  
**HoD**





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APPROVED BY AICTE & AFFILIATED TO JNTUK KAKINADA

AN ISO 9001:2015 CERTIFIED INSTITUTE

## Certificate of Participation

This is to certify that Ms. A. Hasini

bearing Roll No. 17NPIA0403 of II Year Electronics & Communication

Engineering Branch has participated in "PLC"

\_\_\_\_\_ Add-On Course conducted

from 14-08-2018 to 31-08-2018 in the Academic Year 2018-2019.

Coordinator

K. Prasanna  
Head of the Department

**Dr. G. Chenchamma**  
Principal



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AN ISO 9001:2015 CERTIFIED INSTITUTE

## Certificate of Participation

This is to certify that Ms. B. MOHINI

bearing Roll No. 17NPIA0408 of II Year Electronics & communication


Engineering Branch has participated in " PLC "

\_\_\_\_\_ Add-On Course conducted

from 14-08-2018 to 31-08-2018 in the Academic Year 2018-2019.

  
Coordinator

  
Head of the Department

  
Dr. G. Chenchamma  
Principal



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AN ISO 9001:2015 CERTIFIED INSTITUTE

## Certificate of Participation

This is to certify that Ms. D. Prathyusha.

bearing Roll No. 17NPIA0418 of II Year Electronics & Communication

Engineering Branch has participated in " PLC "

\_\_\_\_\_ Add-On Course conducted

from 14-08-2018 to 31-08-2018 in the Academic Year 2018-2019.

Coordinator

K. Prasanna  
Head of the Department

**Dr. G. Chenchamma**  
Principal



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AN ISO 9001:2015 CERTIFIED INSTITUTE

## Certificate of Participation

This is to certify that Ms. D. LALASA

bearing Roll No. 16NPIA0407 of III Year Electronics & Communication

Engineering Branch has participated in "PLC"

\_\_\_\_\_ Add-On Course conducted

from 14-08-2018 to 31-08-2018 in the Academic Year 2018-2019.

Coordinator

K. Prasanna  
Head of the Department

Dr. G. Chenchamma  
Principal



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AN ISO 9001:2015 CERTIFIED INSTITUTE

## Certificate of Participation

This is to certify that Ms. K. Gnaneswari

bearing Roll No. 16NP1A0420 of III Year Electronic & communication

engineering Branch has participated in "PLC"

\_\_\_\_\_ Add-On Course conducted

from 14-08-2018 to 31-08-2018 in the Academic Year 2018-2019.

Coordinator

K. Prasanna  
Head of the Department

Dr. G. Chenchamma  
Principal



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College Code: NP, Enikepadu, Vijayawada-521108

Date: 11/01/2019

## CIRCULAR

All the students are hereby informed that the Department of Electronics and Communication Engineering is conducting an Add-On Course on "LAB VIEW" for IV-B. Tech, ECE students. The course will be conducted from **25-01-2019 to 12-02-2019**. In this context, interested students are requested to register their names in the department office on or before 24/01/2019.

**Resource Person:** Mr.K.MURALI

Assistant Professor, Department of ECE,

Vijaya Institute of Technology for Women

**Venue:** ROOM 13 (Second Floor)

All the registered students must attend the Add-On Course regularly without fail.

K. Prasanna  
HoD

G. Chinn  
PRINCIPAL 11/01/19

### Copy to:

1. The Secretary, SRK Foundation
2. All the Department Heads
3. Notice Board

## About the College

The College VITW was founded by Sri Boyapati Appa Rao garu in 2008, with the objective of providing excellent learning facility for women to pursue education in Engineering. VITW is affiliated to JNTUK, approved by AICTE, certified by ISO 9001:2015. VITW is only women's engineering college in the heart of Vijayawada city offering engineering undergraduate courses in CSE,ECE,IT and Masters in business administration and diploma engineering courses in DCME, DECE, DEEE. VITW has made its presence felt more with academic, discipline, results and the achievements of its students.

## About ECE Department

The Department of Electronics and Communication Engineering (ECE) is established in the year 2008 with a view to develop quality engineers to meet the current trends. The Department provides Undergraduate programmed in B.Tech (ECE) is noted for research and teaching excellence. Its recognized faculty members are engaged in breakthrough research across the leading areas of Electronics and Communication Engineering

### CHIEF PATRONS

**Sri B. S. Appa Rao**  
Chairman, SRK Foundation

### PATRON

**Sri. B. Sri Krishna**  
Secretary, SRK Foundation

### Convener

**Dr. G. Chenchamma**  
Principal

### Co-Convener

**K. PRASUNA**  
HOD of ECE

### Resource Person

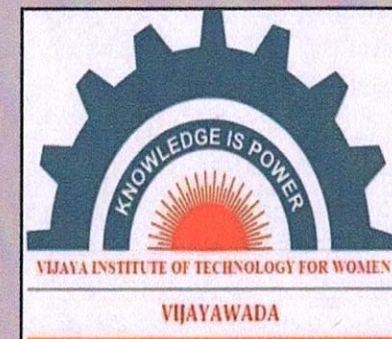
**Mr.K.MURALI**  
Assistant Professor

### Coordinator

**Mrs B.JYOTHI**  
Assistant Professor

## ADD-ON COURSE

on  
"LAB VIEW"



Organized by  
Department of ECE

**25-01-2019 to 12-02-2019**

VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN  
(An ISO 9001:2015 Certified Institution, Affiliated to  
JNTU, Kakinada),

Enikepadu, Vijayawada-521108  
Andhra Pradesh, India

## About the Course

- Automated Product design validation of a component/sub-system/system. Control and/or monitoring of a machine/piece of industrial equipment/process. Condition monitoring of a machine/piece of industrial equipment

### Objectives

- Create user interfaces with charts, graphs, and buttons. Use programming structures, data types, and the analysis and signal processing algorithms in LabVIEW. Debug and troubleshoot applications. Log data to file

### Outcomes

- Recognise and describe how mathematical and scientific concepts are applied in computer vision.
- Identify and interpret appropriate sources of information relating to computer vision.
- In the LabVIEW Core 1 Course, you will explore the LabVIEW environment and interactive analysis, dataflow programming, and common development techniques in a hands-on format.
- In this course, you will learn how to develop data acquisition, instrument control, data-logging, and measurement analysis applications

- At the end of the course, you will be able to create applications using the state machine design pattern to acquire, analyze, process, visualize, and store real-world data

## Topics to be covered

- LabVIEW Concepts Overview,
- Labview Environment,
- labview Environment,Overview,
- Securing the labview Environment,
- Customizing Your Work Environment,
- labview Functionalities,
- Structure of labview
- File systemlabview
- SubpalattesLabview
- Controls and Indicators,Functions in labview,
- vis in labview,Block Diagram within labview,
- Creating a Project in labview,
- Source Control in labview,Build Specifications

## Resource Person

**Mr.K.MURALI**

Assistant Professor

**Department of ECE**

## Registration

**Registration is Free**





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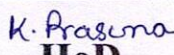
### DAY - WISE SCHEDULE

**Name of the Program:** ADD-ON COURSE on “LAB VIEW”

**Duration** : 25-01-2019 to 12-02-2019

| Schedule    | Date       | Topic Covered                     |
|-------------|------------|-----------------------------------|
| Schedule 1  | 25-01-2019 | Labview Concepts Overview         |
| Schedule 2  | 28-01-2019 | Labview Environment               |
| Schedule 3  | 29-01-2019 | Labview environment overview      |
| Schedule 4  | 30-01-2019 | Securing the labview Environment  |
| Schedule 5  | 31-01-2019 | Customizing your work environment |
| Schedule 6  | 01-02-2019 | Labview Functionalities           |
| Schedule 7  | 02-02-2019 | Structure of labview File System  |
| Schedule 8  | 04-02-2019 | Labview Subpalattes               |
| Schedule 9  | 05-02-2019 | Labview Controls and Indicators   |
| Schedule 10 | 06-02-2019 | Functions in labview              |
| Schedule 11 | 07-02-2019 | Vis in labview                    |
| Schedule 12 | 08-10-2019 | Block Diagram within labview      |
| Schedule 13 | 09-02-2019 | Creating a Project in labview     |
| Schedule 14 | 11-02-2019 | Source Control in labview         |
| Schedule 15 | 12-02-2019 | Build specifications              |

  
**Resource Person**

  
**HOD**



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### LIST OF REGISTERED STUDENTS

**Name of the Program:** ADD-ON COURSE on “LAB VIEW”

**Duration** : 25-01-2019 to 12-02-2019

| S. No. | Registered No. | Name of the Student      | Branch | Signature         |
|--------|----------------|--------------------------|--------|-------------------|
| 1      | 15NP1A0401     | ADDAGIRI DURGABHAVANI    | ECE    | A.D. Bhavani      |
| 2      | 15NP1A0402     | ALLAPARTHI MOUNIKA       | ECE    | A. Mounika        |
| 3      | 15NP1A0403     | ANNAPANENI SAI MOUNIKA   | ECE    | A. Sai Mounika    |
| 4      | 15NP1A0404     | ANUMOLU YUVA SRI         | ECE    | A. Yuva Sri       |
| 5      | 15NP1A0405     | AVULA SANDHYA RANI       | ECE    | A. Yuva Sri       |
| 6      | 15NP1A0406     | BYNAPALEM SOWJANYA       | ECE    | B. Sowjanya       |
| 7      | 15NP1A0407     | CHALAPATI HEMA LATHA     | ECE    | Ch. Hemalatha     |
| 8      | 15NP1A0408     | CHENNUPATI VENKATA RAMYA | ECE    | C. Venkata Ramya  |
| 9      | 15NP1A0409     | CHEVULA RACHANA          | ECE    | CH. Rachana       |
| 10     | 15NP1A0410     | CHANUMOLU LAKSHMI DIVYA  | ECE    | Ch. Lakshmi Divya |
| 11     | 15NP1A0411     | DABBURI YAMINIPRIYA      | ECE    | D. Yamini Priya   |
| 12     | 15NP1A0412     | DANTANALA SRI KALYANI    | ECE    | D. Sri Kalyani    |
| 13     | 15NP1A0413     | DESETTI SARITHA          | ECE    | D. Saritha        |
| 14     | 15NP1A0414     | DURGAM ANUSHA            | ECE    | D. Anusha         |
| 15     | 15NP1A0415     | DAMMALAPATI SRUJANA      | ECE    | D. Sujana         |
| 16     | 15NP1A0416     | FARZANA SULTANA          | ECE    | G. Pavani         |
| 17     | 15NP1A0417     | GUDISE PAVANI            | ECE    | G. Pavani         |
| 18     | 15NP1A0419     | IRLA SRILEKHA            | ECE    | I. Srilekha       |
| 19     | 15NP1A0420     | KALARI SAI SARANYA       | ECE    | K. Sai Saranya    |
| 20     | 15NP1A0421     | KARNATI SNEHA            | ECE    | K. Sneha          |
| 21     | 15NP1A0422     | KASUKURTHI RATNA SAI     | ECE    | K. Ratna Sai      |
| 22     | 15NP1A0423     | KOMMANA MANASA           | ECE    | K. Manasa         |
| 23     | 15NP1A0424     | KONATHAM MOUNICA         | ECE    | K. Mounica        |
| 24     | 15NP1A0425     | KRUTHIVENTI SMILEY       | ECE    | K. Smiley         |
| 25     | 15NP1A0426     | KAMPALLI SRAVYA          | ECE    | K. Sravya         |
| 26     | 15NP1A0427     | KANAJAM.HIMAJA           | ECE    | K. Himaja         |
| 27     | 15NP1A0428     | KELAVATHU SIRISHA BAI    | ECE    | K. Sirisha Bai    |
| 28     | 15NP1A0429     | MALLADI HARIKA           | ECE    | M. Harika         |

B. Nyothi  
CO-ORDINATOR

K. Poosanna  
HoD



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| S. No. | Registered No. | Name of the Student         | Branch | Signature            |
|--------|----------------|-----------------------------|--------|----------------------|
| 29     | 15NP1A0430     | MALLELA NAVYA SPANDANA      | ECE    | M. Navya Spandana    |
| 30     | 15NP1A0431     | MANCHIKANTI KAMALA TEJASWEE | ECE    | M. Kamala Tejaswee   |
| 31     | 15NP1A0432     | MOHAMMAD SALMA              | ECE    | MD. Salma            |
| 32     | 15NP1A0433     | MOHAMMED VASEEMUNNISA       | ECE    | MD. Vaseemunisa      |
| 33     | 15NP1A0434     | MADDIRALA MOUNIKA           | ECE    | M. Mounika           |
| 34     | 15NP1A0435     | MARADAPA LATHA VIDYADHARI   | ECE    | M. Lathavidyadhari   |
| 35     | 15NP1A0436     | MAREDU SAI TEJASWI          | ECE    | M. Sai Tejaswi       |
| 36     | 15NP1A0437     | MURALA .BHAGYASRI           | ECE    | M. Bhagyasri         |
| 37     | 15NP1A0438     | NARRA JAYA LAKSHMI          | ECE    | N. Jaya lakshmi      |
| 38     | 15NP1A0439     | NEKKALAPU LAKSHMI BHAVANI   | ECE    | N. lakshmi Bhavani   |
| 39     | 15NP1A0440     | NARNE JAYASRI               | ECE    | N. Jayasri           |
| 40     | 15NP1A0441     | NUNNA TEJASWI               | ECE    | N. Tejaswi           |
| 41     | 15NP1A0442     | PANJUGULA INDIRA DIVYA SRI  | ECE    | P. Indira            |
| 42     | 15NP1A0443     | PUVVULA TEJASWI             | ECE    | P. Tejaswini         |
| 43     | 15NP1A0444     | RAKONDA SIVA NAGA LAKSHMI   | ECE    | R. Siva Naga lakshmi |
| 44     | 15NP1A0445     | RAPAKA KRUPA ANGEL          | ECE    | R. Krupa Angel       |
| 45     | 15NP1A0446     | SHAIK HOORUNNISA            | ECE    | Sk. Hoorunnisa       |
| 46     | 15NP1A0447     | SUNDARA SUREKHA             | ECE    | S. Surekha           |
| 47     | 15NP1A0448     | SARNALA VAISHNAVI           | ECE    | S. Vaishnavi         |

*B. Tyathi*  
**CO-ORDINATOR**

*K. Prasanna*  
**HoD**



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College Code: NP, Enikepadu, Vijayawada-521108

### LIST OF REGISTERED STUDENTS

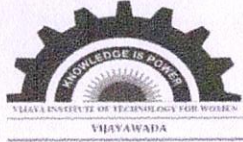
**Name of the Program:** ADD ON COURSE on "LAB VIEW"

**Duration :** 25-01-2019 to 12-02-2019

| S. No. | Registered No. | Name of the Student                          | Branch | Signature                        |
|--------|----------------|--|--------|----------------------------------|
| 48     | 15NP1A0449     | THOTA NAGA<br>RATNALAVANYA                   | ECE    | T. Naga Ratna<br>Lavanya         |
| 49     | 15NP1A0450     | THOTAKURA TRIVENI                            | ECE    | T. Triveni                       |
| 50     | 15NP1A0451     | TUNGALA PRANATHI                             | ECE    | T. Pranathi                      |
| 51     | 15NP1A0452     | TULLIMILLI GANGA<br>BHAVANI                  | ECE    | T. Ganga Bhavani                 |
| 52     | 15NP1A0453     | VARANASI VENKATA<br>SESHA SAI RAMA<br>LAHARI | ECE    | V. V. S. Sai Rama<br>Lahari      |
| 53     | 15NP1A0454     | VEMPATI TEJESWAINI<br>MANASA GAYATHRI        | ECE    | V. Tejeswaini Manasa<br>Gayathri |
| 54     | 15NP1A0455     | YAKKANTI<br>BHUVANESWARI                     | ECE    | Y. Bhuvaneshwari                 |
| 55     | 15NP1A0456     | YERRAMSETTI<br>TEJASWISAI                    | ECE    | Y. Tejaswisai                    |
| 56     | 15NP1A0457     | SURUGULA<br>VARSHADA                         | ECE    | S. Varshada                      |
| 57     | 16NP5A0401     | BOMMASANI SOWMYA                             | ECE    | B. Sowmya                        |
| 58     | 16NP5A0402     | BONTALA LAKSHMI<br>TIRUPATAMMA               | ECE    | B. Lakshmi<br>Tirupatamma        |
| 59     | 16NP5A0403     | CHODIPILLI KIRANMAI                          | ECE    | C. kiranmai                      |
| 60     | 16NP5A0404     | IJI PAVANI                                   | ECE    | I. Pavani                        |
| 61     | 16NP5A0405     | KATURI<br>KEERTHIKEYEE                       | ECE    | K. Keerthikayee                  |
| 62     | 16NP5A0406     | KONA RENUKA<br>SATYAVATHI                    | ECE    | K. Renuka<br>satyavathi          |
| 63     | 16NP5A0407     | MALLIPUDI SUNITHA<br>RANI                    | ECE    | M. Sunitha rani                  |
| 64     | 16NP5A0408     | MOHAMMAD GOUSIA<br>BEGUM                     | ECE    | M. Gousia<br>Begum               |

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## DAY-WISE ATTENDANCE SHEET

Academic Year : 2018-2019

Date: 12-2-2019

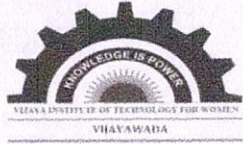
Name of the Program: ADD ON COURSE on "LAB VIEW"

Duration : 25-01-2019 to 12-02-2019

| S. No | Registered No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day10 | Day11 | Day12 | Day13 | Day14 | Day15 |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1     | 15NP1A0401     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 2     | 15NP1A0402     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     |
| 3     | 15NP1A0403     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 4     | 15NP1A0404     | P     | P     | P     | P     | P     | P     | P     | P     | A     | A     | P     | P     | P     | P     | P     |
| 5     | 15NP1A0405     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     |
| 6     | 15NP1A0406     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 7     | 15NP1A0407     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     |
| 8     | 15NP1A0408     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     |
| 9     | 15NP1A0409     | P     | P     | P     | A     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     |
| 10    | 15NP1A0410     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | A     | P     | P     | P     |
| 11    | 15NP1A0411     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 12    | 15NP1A0412     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     |
| 13    | 15NP1A0413     | P     | P     | P     | A     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 14    | 15NP1A0414     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     |
| 15    | 15NP1A0415     | P     | P     | A     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |

B. Tyothi  
COORDINATOR

K. Prasanna  
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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 16    | 15NP1A0416     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 17    | 15NP1A0417     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 18    | 15NP1A0419     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 19    | 15NP1A0420     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |
| 20    | 15NP1A0421     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 21    | 15NP1A0422     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 22    | 15NP1A0423     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 23    | 15NP1A0424     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     |
| 24    | 15NP1A0425     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 25    | 15NP1A0426     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 26    | 15NP1A0427     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     |
| 27    | 15NP1A0428     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     |
| 28    | 15NP1A0429     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     |
| 29    | 15NP1A0430     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 30    | 15NP1A0431     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     |

B. Jyothi  
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K. Rasuna  
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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 31    | 15NP1A0432     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 32    | 15NP1A0433     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 33    | 15NP1A0434     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 34    | 15NP1A0435     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 35    | 15NP1A0436     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 36    | 15NP1A0437     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 37    | 15NP1A0438     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | A     | P     | P     |
| 38    | 15NP1A0439     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     |
| 39    | 15NP1A0440     | P     | P     | P     | P     | P     | P     | A     | A     | P     | P     | P     | P     | P     | P     | P     |
| 40    | 15NP1A0441     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     |
| 41    | 15NP1A0442     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 42    | 15NP1A0443     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 43    | 15NP1A0444     | P     | A     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 44    | 15NP1A0445     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     |
| 45    | 15NP1A0446     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |

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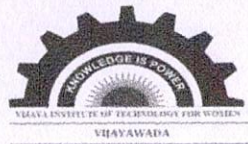
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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 46    | 15NP1A0447     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 47    | 15NP1A0448     | P     | A     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 48    | 15NP1A0449     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     |
| 49    | 15NP1A0450     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     |
| 50    | 15NP1A0451     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 51    | 15NP1A0452     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     |
| 52    | 15NP1A0453     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     |
| 53    | 15NP1A0454     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 54    | 15NP1A0455     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 55    | 15NP1A0456     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 56    | 15NP1A0457     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 57    | 16NP5A0401     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 58    | 16NP5A0402     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     |
| 59    | 16NP5A0403     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 60    | 16NP5A0404     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     | P     | P     |

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|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 61    | 16NP5A0405     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     | P     | P     |
| 62    | 16NP5A0406     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | A     | P     | P     | P     |
| 63    | 16NP5A0407     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |
| 64    | 16NP5A0408     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P     |

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## PROGRAM REPORT

**Name of the Program** : ADD ON COURSE on "LAB VIEW"  
**Duration** : 25-01-2019 to 12-02-2019  
**Resource Person** : Mr.K.MURALI  
Assistant Professor, Department of ECE,  
Vijaya Institute of Technology for Women  
Phone no:9966682535  
**Name of the Coordinator** : Mrs. B.JYOTHI  
**No. of Participants** :64

**Program Objective** : Automated Manufacturing test of a component/sub-system/system. Automated Product design validation of a component/sub-system/system. Control and/or monitoring of a machine/piece of industrial equipment/process. Condition monitoring of a machine/piece of industrial equipment.

**Topics Covered** : Labview Concepts Overview, Labview Environment, labview Environment, Overview, Securing the labview Environment, Customizing Your Work Environment, labview Functionalities, Structure of labview File system, labview Subpalattes, Labview Controls and Indicators, Functions in labview, vis in labview, Block Diagram within labview, Creating a Project in labview, Source Control in labview, Build Specifications

**Program Outcome** : In the Labview Core 1 Course, you will explore the Lab view environment and interactive analysis, dataflow programming, and common development techniques in a hands-on format. In this course, you will learn how to develop data acquisition, instrument control, data-logging, and measurement analysis applications. At the end of the course, you will be able to create applications using the state machine design pattern to acquire, analyze, process, visualize, and store real-world data.

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# VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

ENIKEPADU, VIJAYAWADA. Ph. : 0866-2844444, 0866-2844999

APPROVED BY AICTE & AFFILIATED TO JNTUK KAKINADA

AN ISO 9001:2015 CERTIFIED INSTITUTE

## Certificate of Participation

This is to certify that Ms. A. Durga Bhavani

bearing Roll No. 15NPIA0401 of IV Year Electronics & Communication

Engineering Branch has participated in "LAB VIEW"

\_\_\_\_\_ Add-On Course conducted

from 25-01-2019 to 12-02-2019 in the Academic Year 2018-2019.

B. Jyothi  
Coordinator

K. Prasanna  
Head of the Department

G. Chm  
Dr. G. Chenchamma  
Principal





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## Certificate of Participation

This is to certify that Ms. M. Kamala Tejaswee

bearing Roll No. 15NPIA0431 of IV Year electronics & communication

Engineering Branch has participated in "LAB VIEW"

\_\_\_\_\_ Add-On Course conducted

from 25-01-2019 to 12-02-2019 in the Academic Year 2018-2019.

B. Thyathi  
Coordinator

K. Prasanna  
Head of the Department

G. Chm  
Dr. G. Chenchamma  
Principal



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## Certificate of Participation

This is to certify that Ms. MD. vaseemunnisa

bearing Roll No. 15NPIA0433 of IV Year Electronics & Communication

Engineering Branch has participated in "LAB VIEW"

\_\_\_\_\_ Add-On Course conducted

from 25-01-2019 to 12-02-2019 in the Academic Year 2018-2019.

B. Jyothi  
Coordinator

K. Prasuna  
Head of the Department

G. Chm  
Dr. G. Chenchamma  
Principal







## VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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Phone: 0866-2844444, Email: [vijayatechfw@gmail.com](mailto:vijayatechfw@gmail.com) Website: [www.vitw.edu.in](http://www.vitw.edu.in)

College Code: NP, Enikepadu, Vijayawada-521108

04/02/2019

### CIRCULAR

All the students are hereby informed that the Department of Information Technology is conducting an Add-On Course on “**NETWORK SECURITY**” for III - B. Tech, Information Technology students. The course will be conducted from 11/02/2019 to 21/02/2019. In this context, interested students are requested to register their names in the department office on or before 09/02/2019.

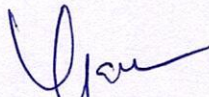
**Resource Person: Mrs. Y. Vijaya**

Asst. Professor, Department of IT,

Vijaya Institute of Technology for Women

**Venue:** Room No: 19 (Third floor)

All the registered students must attend the Add-On Course regularly without fail.

  
**HoD**

  
**PRINCIPAL**

**Copy to:**

1. The Secretary, SRK Foundation
2. All the Department Heads
3. Notice Board

## About the College

Vijaya Institute of Technology for Women is founded by Sri Boyapati Appa Rao Garu in 2008, with the objective of providing excellent education in engineering for women. VITW is affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada, approved by AICTE, Certified by ISO 9001:2015. VITW is the only women's Engineering College in the heart of Vijayawada city, offering Engineering Undergraduate Courses in CSE, ECE, EEE and IT, MBA and Diploma Engineering courses in CSE, ECE and EEE. VITW, being the only one Women's Engineering College in Vijayawada, has made its presence felt with its academic discipline, results and the achievements of students.

## About IT Department

The department has well-qualified, experienced and dynamic faculty along with technical skills who spearhead the process of achieving the vision of the department. The department was established in the year 2008 with B. Tech programme in Information Technology. The Objective of the department is to impart quality education with practical approach and to develop research, innovative skills. To face Challenges of the industry & Academia.

### CHIEF PATRONS

**Sri B. S. Appa Rao**  
Chairman, SRK Foundation

### PATRON

**Sri. B. Sri Krishna**  
Secretary, SRK Foundation

### CONVENER

**Dr. G. Chenchamma**  
Principal, VITW

### CO -CONVENER

**Mrs. Y. Vijaya**  
HoD of IT

### RESOURCE PERSON

**Mrs. Y. Vijaya**  
Asst. Professor, Department of IT

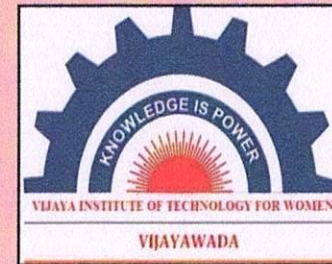
### COORDINATOR

**Ch. Phanikanth**  
Asst. Professor, Department of IT

## Add-On Course

on

## “Network Security”



Organized by

**Department of Information  
Technology**

From

11/02/2019 to 21/02/2019

**VIJAYA INSTITUTE OF  
TECHNOLOGY FOR WOMEN**  
Enikepadu, Vijayawada, 521108, (A. P)  
Ph: 0866-284444  
www.vitw.in

### About the Course

Network security refers to the practice of protecting computer networks, systems, and data from unauthorized access, attacks, or damage. It encompasses a wide range of technologies, processes, and policies designed to safeguard the confidentiality, integrity, and availability of information transmitted over a network. Network security is essential in today's interconnected world, where cyber threats and attacks are increasingly sophisticated and prevalent.

### Objectives

- ❖ Firewalls
- ❖ Intrusion Detection Systems (IDS) and Intrusion Prevention Systems (IPS)
- ❖ Antivirus Software
- ❖ Virtual Private Networks (VPNs)
- ❖ Authentication and Access Control
- ❖ Encryption
- ❖ Security Policies and Procedures

### Outcomes

Network security is crucial for protecting the integrity, confidentiality, and availability of data and resources within a network. Implementing effective network security measures can lead to several positive outcomes, while neglecting it can result in various negative consequences.

### Topics to be Covered

- ❖ Data Protection
- ❖ Prevention of Unauthorized Access
- ❖ Mitigation of Threats
- ❖ Reduced Downtime
- ❖ Improved Compliance
- ❖ Enhanced Productivity
- ❖ Cost Savings
- ❖ Network Performance
- ❖ Threat Intelligence
- ❖ Incident Response
- ❖ Protection of Customer Trust

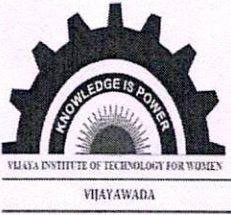
### Resource Persons

**Mrs. Y. Vijaya**

Asst. Professor, Department of IT

### Registration

**Registration is Free**



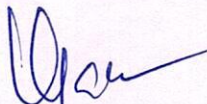
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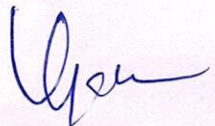
**DAY - WISE SCHEDULE**

**Name of the Program: Add-On Course on “NETWORK SECURITY”**

**Duration: 11/02/2019 to 21/02/2019**

| Schedule    | Date       | Topic Covered  |
|-------------|------------|--|
| Schedule 1  | 11/02/2019 | Introduction to network security, model for network security |
| Schedule 2  | 12/02/2019 | Block cipher modes   |
| Schedule 3  | 13/02/2019 | Random number generation                                     |
| Schedule 4  | 14/02/2019 | Public key cryptography                                      |
| Schedule 5  | 15/02/2019 | RSA algorithm and key management                             |
| Schedule 6  | 16/02/2019 | Elliptic curve cryptography                                  |
| Schedule 7  | 18/02/2019 | Message authentication and hash functions                    |
| Schedule 8  | 19/02/2019 | MAC algorithms and Kerberos                                  |
| Schedule 9  | 20/02/2019 | Applications of cryptography                                 |
| Schedule 10 | 21/02/2019 | Email security and System security                           |

  
Resource Person

  
HoD



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### LIST OF REGISTERED STUDENTS

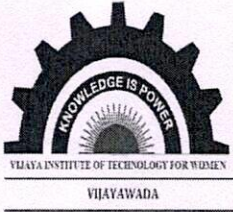
Name of the Program: Add-On Course on "NETWORK SECURITY"

Duration: 11/02/2019 to 21/02/2019

| S. No. | Registered No. | Name of the Student | Branch | Signature      |
|--------|----------------|---------------------|--------|----------------|
| 1      | 16NP1A1201     | A.Anusha            | IT     | Anusha         |
| 2      | 16NP1A1202     | A.Sandhya rani      | IT     | Sandhya Rani   |
| 3      | 16NP1A1203     | A.Preethi           | IT     | Preethi A      |
| 4      | 16NP1A1204     | B.Tejaswini         | IT     | Tejaswini B    |
| 5      | 16NP1A1205     | B.Pavani            | IT     | B. Pavani      |
| 6      | 16NP1A1206     | Ch.Meghana          | IT     | Meghana Ch     |
| 7      | 16NP1A1207     | Ch.Gowthami         | IT     | Gowthami       |
| 8      | 16NP1A1208     | D.Namratha          | IT     | Namratha D     |
| 9      | 16NP1A1209     | D.Namratha salini   | IT     | D. N. Salini   |
| 10     | 16NP1A1210     | G.Keerthi           | IT     | G. Keerthi     |
| 11     | 16NP1A1211     | G.Komali            | IT     | Komali         |
| 12     | 16NP1A1212     | G.Chethana          | IT     | G. Chethana    |
| 13     | 16NP1A1213     | J.Harika            | IT     | Harika J       |
| 14     | 16NP1A1214     | K.Soundarya         | IT     | K. Soundarya   |
| 15     | 16NP1A1215     | K.Niveditha         | IT     | K. Niveditha   |
| 16     | 16NP1A1216     | K.Prasanthi         | IT     | Prasanthi K    |
| 17     | 16NP1A1217     | K.Vasavi            | IT     | Vasavi K       |
| 18     | 16NP1A1218     | K.Pradeepa          | IT     | Pradeepa K     |
| 19     | 16NP1A1219     | K.Vasavi            | IT     | K. Vasavi      |
| 20     | 16NP1A1220     | L.Kavya             | IT     | Kavya L        |
| 21     | 16NP1A1221     | L.Greeshmai         | IT     | Greeshmai L    |
| 22     | 16NP1A1222     | L.Harika            | IT     | L. Harika      |
| 23     | 16NP1A1223     | M.Mahitha           | IT     | Mahitha M      |
| 24     | 16NP1A1224     | M.Harshitha         | IT     | Harshitha M    |
| 25     | 16NP1A1225     | Mariya Firdous      | IT     | Mariya Firdous |
| 26     | 16NP1A1226     | M.Jyothi            | IT     | Jyothi M       |
| 27     | 16NP1A1227     | M.Tejeswi           | IT     | Tejeswi M      |
| 28     | 16NP1A1228     | M.Prathyusha        | IT     | M. Prathyusha  |
| 29     | 16NP1A1229     | N.Likhitha          | IT     | Likhitha N     |
| 30     | 16NP1A1230     | N.Keerthi           | IT     | Keerthi N      |
| 31     | 16NP1A1231     | P.Bhavanthi         | IT     | Bhavanthi P    |

COORDINATOR

HOD



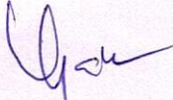
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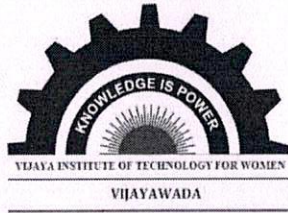
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|    |            |                |    |                |
|----|------------|----------------|----|----------------|
| 32 | 16NP1A1232 | P.Devi Saisri  | IT | P. Devi Saisri |
| 33 | 16NP1A1233 | P.Anjali Devi  | IT | Anjali Devi P. |
| 34 | 16NP1A1234 | R.Likhitha     | IT | Likhitha P.    |
| 35 | 16NP1A1235 | R.Amulya       | IT | Amulya P.      |
| 36 | 16NP1A1237 | S.Priyanka     | IT | S. Priyanka.   |
| 37 | 16NP1A1238 | S.Kavitha      | IT | Kavitha        |
| 38 | 16NP1A1239 | S.Sushma V.N.J | IT | Sushma         |
| 39 | 16NP1A1240 | T.Priyanka     | IT | Priyanka       |
| 40 | 16NP1A1241 | V.Chandrika    | IT | Chandrika      |
| 41 | 16NP1A1242 | V.Leela Sri    | IT | Leela Sri      |
| 42 | 16NP1A1243 | Y.Keerthi      | IT | Y. Keerthi     |
| 43 | 16NP1A1244 | Y.Vanaja       | IT | Y. Vanaja      |
| 44 | 16NP1A1245 | Y.Sujatha      | IT | Y. Sujatha     |
| 45 | 16NP1A1246 | Y.Sirisha      | IT | Y. Sirisha     |
| 46 | 15NP1A1229 | R.Mounika      | IT | R. Mounika     |

  
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### DAY-WISE ATTENDANCE SHEET

Name of the Program: Add-On Course on "NETWORK SECURITY"

Date: 21/02/2019

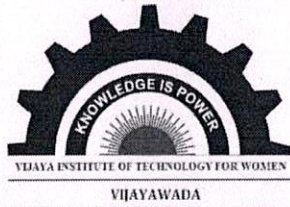
Duration: 11/02/2019 to 21/02/2019

Time: 2:00 to 4:00 PM

| S. No | Registered No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1     | 16NP1A1201     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 2     | 16NP1A1202     | P     | P     | P     | Ab    | P     | P     | P     | P     | P     | P      |
| 3     | 16NP1A1203     | P     | P     | P     | P     | P     | P     | P     | Ab    | P     | P      |
| 4     | 16NP1A1204     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 5     | 16NP1A1205     | P     | P     | P     | P     | Ab    | P     | P     | P     | P     | P      |
| 6     | 16NP1A1206     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 7     | 16NP1A1207     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 8     | 16NP1A1208     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 9     | 16NP1A1209     | P     | P     | P     | P     | P     | P     | Ab    | P     | P     | P      |
| 10    | 16NP1A1210     | P     | Ab    | P     | P     | P     | P     | P     | Ab    | P     | P      |
| 11    | 16NP1A1211     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 12    | 16NP1A1212     | P     | P     | P     | P     | P     | P     | P     | P     | Ab    | P      |
| 13    | 16NP1A1213     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 14    | 16NP1A1214     | P     | P     | Ab    | P     | P     | P     | P     | P     | P     | P      |
| 15    | 16NP1A1215     | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |

*chf*  
COORDINATOR

*Vijaya*  
HoD



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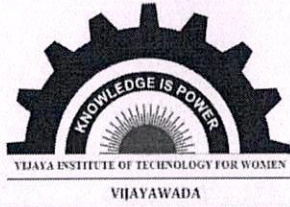
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|    |            |   |    |    |    |   |    |    |    |   |   |
|----|------------|---|----|----|----|---|----|----|----|---|---|
| 16 | 16NP1A1216 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 17 | 16NP1A1217 | P | P  | P  | Ab | P | P  | P  | P  | P | P |
| 18 | 16NP1A1218 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 19 | 16NP1A1219 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 20 | 16NP1A1220 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 21 | 16NP1A1221 | P | P  | P  | P  | P | P  | Ab | P  | P | P |
| 22 | 16NP1A1222 | P | P  | P  | P  | P | Ab | P  | P  | P | P |
| 23 | 16NP1A1223 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 24 | 16NP1A1224 | P | P  | P  | P  | P | P  | P  | Ab | P | P |
| 25 | 16NP1A1225 | P | Ab | P  | P  | P | P  | P  | P  | P | P |
| 26 | 16NP1A1226 | P | P  | P  | Ab | P | P  | P  | P  | P | P |
| 27 | 16NP1A1227 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 28 | 16NP1A1228 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 29 | 16NP1A1229 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 30 | 16NP1A1230 | P | P  | P  | P  | P | P  | P  | P  | P | P |
| 31 | 16NP1A1231 | P | P  | P  | P  | P | P  | Ab | P  | P | P |
| 32 | 16NP1A1232 | P | P  | Ab | P  | P | P  | P  | P  | P | P |
| 33 | 16NP1A1233 | P | P  | Ab | P  | P | P  | P  | P  | P | P |
| 34 | 16NP1A1234 | P | P  | P  | P  | P | Ab | P  | P  | P | P |

*chr*  
**COORDINATOR**

*Vijayawada*  
**HoD**





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|    |            |    |   |    |   |    |    |    |   |   |    |
|----|------------|----|---|----|---|----|----|----|---|---|----|
| 35 | 16NP1A1235 | P  | P | P  | P | P  | P  | P  | P | P | P  |
| 36 | 16NP1A1237 | P  | P | P  | P | P  | P  | P  | P | P | P  |
| 37 | 16NP1A1238 | P  | P | P  | P | P  | P  | P  | P | P | P  |
| 38 | 16NP1A1239 | P  | P | P  | P | P  | P  | P  | P | P | P  |
| 39 | 16NP1A1240 | P  | P | P  | P | P  | P  | P  | P | P | P  |
| 40 | 16NP1A1241 | Ab | P | P  | P | P  | P  | P  | P | P | P  |
| 41 | 16NP1A1242 | P  | P | P  | P | P  | Ab | P  | P | P | P  |
| 42 | 16NP1A1243 | P  | P | P  | P | P  | P  | Ab | P | P | P  |
| 43 | 16NP1A1244 | P  | P | Ab | P | P  | P  | P  | P | P | Ab |
| 44 | 16NP1A1245 | P  | P | P  | P | P  | P  | P  | P | P | P  |
| 45 | 16NP1A1246 | P  | P | P  | P | P  | Ab | P  | P | P | P  |
| 46 | 15NP1A1229 | P  | P | P  | P | Ab | P  | P  | P | P | P  |

COORDINATOR

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### PROGRAM REPORT

**Name of the Program:** Add-On Course on “NETWORK SECURITY”

**Duration:** 11/02/2019 to 21/02/2019

**Resource Person:** Mrs. Y. Vijaya

Asst. Professor, Department of IT,

Vijaya Institute of Technology for Women

**Phone Number:** 9966551717

**Name of the Coordinator:** Mr. Ch. Phanikanth

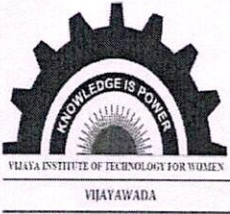
**No. of Participants:** 46

**Program Objective:** After taking the course, students will be able

- To understand basics of Cryptography and Network Security.
- To secure a message over insecure channel by various means.
- To learn about how to maintain the Confidentiality, Integrity and Availability of a data.
- To understand various protocols for network security to protect against the threats in the networks.
- To identify the advantages and disadvantages of a network.

### **Topics Covered:**

1. Introduction to network security, model for network security
2. Block cipher modes
3. Random number generation
4. Public key cryptography
5. RSA algorithm and key management
6. Elliptic curve cryptography
7. Message authentication and hash functions
8. MAC algorithms and Kerberos
9. Applications of cryptography
10. Email security and System security



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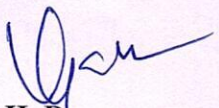
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**Program Outcome:** At the end of this course, students will be able

- To evaluate the methods and techniques to defend against these attacks and to minimize their damage.
- To gain knowledge of digital signatures and authentication protocols to find practical solutions to security issues
- To understand and explain the risks faced by computer systems and networks.
- To identify and analyze security problems in computer systems and networks.
- To write programs that use cryptography algorithms and protocols to achieve computer security.

  
COORDINATOR

  
HoD



# VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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Phone: 0866-2844444, Email: [vjayatechfw@gmail.com](mailto:vjayatechfw@gmail.com) Website: [www.vitw.edu.in](http://www.vitw.edu.in)

College Code: NP, Enikepadu, Vijayawada-521108

## Add-On Course on "NETWORK SECURITY"



COORDINATOR

HoD



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## *Certificate of Participation*

This is to certify that Ms. A. Anusha

bearing Roll No. 16NP1A1201 of III Year Information

Technology Branch has participated in \_\_\_\_\_

Network Security Add-On Course conducted

from 11/02/2019 to 21/02/2019 in the Academic Year 2018 - 2019.

ch.A.

Dr. G. Chenchamma



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## *Certificate of Participation*

This is to certify that Ms. Y. Sujatha

bearing Roll No. 16NPIA1245 of II Year Information

Technology Branch has participated in \_\_\_\_\_

Network Security Add-On Course conducted

from 11/02/2019 to 21/02/2019 in the Academic Year 2018 - 2019.

*ch. ft.*  
Coordinator

*[Signature]*  
Head of the Department

*G. Chm*  
Dr. G. Chenchamma  
Principal



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## Certificate of Participation

This is to certify that Ms. M. Jyothi

bearing Roll No. 16NP1A1226 of II Year Information

Technology Branch has participated in

Network Security Add-On Course conducted

from 11/02/2019 to 21/02/2019 in the Academic Year 2018 - 2019.

*ch.f.*  
Coordinator

*[Signature]*  
Head of the Department

*G. Chamma*  
Dr. G. Chenchamma  
Principal



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## *Certificate of Participation*

This is to certify that Ms. k. Vasavi

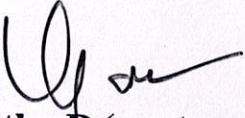
bearing Roll No. 16NP1A1217 of III Year Information

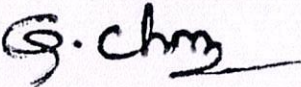
Technology Branch has participated in \_\_\_\_\_

Network Security Add-On Course conducted

from 11/02/2019 to 21/02/2019 in the Academic Year 2018 - 2019.

  
Coordinator

  
Head of the Department

  
Dr. G. Chenchamma  
Principal





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## Certificate of Participation

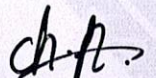
This is to certify that Ms. P. Devi SaiSri

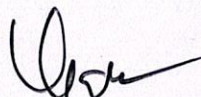
bearing Roll No. 16NPIA1232 of II Year Information

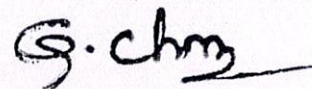
Technology Branch has participated in \_\_\_\_\_

Network Security Add-On Course conducted

from 11/02/2019 to 21/02/2019 in the Academic Year 2018 - 2019.

  
Coordinator

  
Head of the Department

  
Dr. G. Chenchamma  
Principal



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College Code: NP, Enikepadu, Vijayawada-521108

06/08/2018

### CIRCULAR

All the students are hereby informed that the Department of Information Technology is conducting an Add-On Course on “**FUNDAMENTALS OF PYTHON PROGRAMMING**” for IV - B. Tech, Information Technology students. The course will be conducted from 15/08/2018 to 31/08/2018. In this context, interested students are requested to register their names in the department office on or before 13/08/2018.

**Resource Person: Mrs. Y. Vijaya**

Asst. Professor, Department of IT,

Vijaya Institute of Technology for Women

**Venue: ROOM NO.18 (Third floor)**

All the registered students must attend the Add-On Course regularly without fail.

**HoD**

**PRINCIPAL**

**Department of Information Technology**

**Copy to:**

1. The Secretary, SRK Foundation
2. All the Department Heads
3. Notice Board

## About the College

Vijaya Institute of Technology for Women is founded by Sri Boyapati Appa Rao Garu in 2008, with the objective of providing excellent education in engineering for women. VITW is affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada, approved by AICTE, Certified by ISO 9001:2015. VITW is the only women's Engineering college in the heart of Vijayawada city, offering engineering undergraduate courses in CSE, ECE, EEE and IT, MBA and Diploma Engineering courses in CSE, ECE and EEE. VITW is not just one more engineering college. It's a college with a difference. It has made its presence felt more with its academic discipline, results and the achievement of its students.

## About IT Department

The department has well-qualified, experienced and dynamic faculty along with technical skills who spearhead the process of achieving the vision of the department. The department was established in the year 2008 with B.Tech programme in Information Technology. The Objective of the department is to impart quality education with practical approach and to develop research, innovative skills. To face Challenges of the industry & Academia.

### CHIEF PATRONS

**Sri B. S. Appa Rao**  
Chairman, SRK Foundation

### PATRON

**Sri. B. Sri Krishna**  
Secretary, SRK Foundation

### CONVENER

**Dr. G. Chenchamma**  
Principal, VITW

### CO-CONVENER

**Mrs. Y. Vijaya**  
HoD of IT

### RESOURCE PERSON

**Mrs. Y. Vijaya**  
Asst. Professor, Department of IT

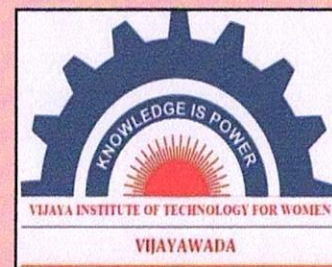
### COORDINATOR

**Mrs. Y. V. K. D. Bhavani**  
Asst. Professor, Department of IT

## Add-On Course

on

## “Fundamentals of Python Programming”



Organized by

**Department of Information  
Technology**

From

15/08/2018 to 31/08/2018

**VIJAYA INSTITUTE OF  
TECHNOLOGY FOR WOMEN**  
Enikepadu, Vijayawada, 521108, (A. P)  
Ph: 0866-284444  
www.vitw.in

## About the Course

Python is a versatile and widely used programming language known for its simplicity and readability.

## Objectives

- ❖ Getting Started
- ❖ Writing and Running Code
- ❖ Basic Syntax
- ❖ Variables and Data Types
- ❖ Control Structures
- ❖ Functions
- ❖ Libraries and Modules

## Outcomes

The outcome of Python programming can vary widely depending on the goals and objectives of the programmer. Python is a versatile programming language that can be used for a wide range of applications, including

## Topics to be Covered

- ❖ Web Development
- ❖ Data Analysis and Data Science
- ❖ Scientific Computing
- ❖ Automation and Scripting
- ❖ Desktop Applications

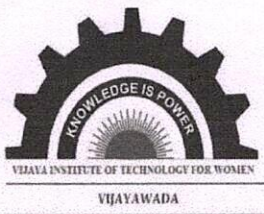
## Resource Persons

**Mrs. Y. Vijaya**

Asst. Professor, Department of IT

## Registration

**Registration is Free**



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COLLEGE CODE: NP, Phone: 0866-2844444, Email: vijayatechfw@gmail.com, Web: vitw.in

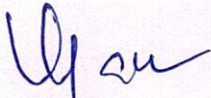
Enikepadu, Vijayawada-521 108

### DAY - WISE SCHEDULE

**Name of the Program: Add-On Course on “Fundamentals of Python Programming”**

**Duration: 15/08/2018 to 31/08/2018**

| Schedule    | Date       | Topics Covered   |
|-------------|------------|--|
| Schedule 1  | 15/08/2018 | Introduction to Python Programming                                 |
| Schedule 2  | 16/08/2018 | Types, Operators and Expressions                                   |
| Schedule 3  | 17/08/2018 | Data Structures Lists - Operations, Slicing                        |
| Schedule 4  | 18/08/2018 | Methods; Tuples, Sets, Dictionaries.                               |
| Schedule 5  | 20/08/2018 | Design with functions  |
| Schedule 6  | 21/08/2018 | Functions - Defining Functions, Calling Functions.                 |
| Schedule 7  | 22/08/2018 | Scope of the Variables in a Function - Global and Local Variables. |
| Schedule 8  | 23/08/2018 | Object Oriented Programming OOP in Python.                         |
| Schedule 9  | 24/08/2018 | Error and Exceptions in OOP  |
| Schedule 10 | 25/08/2018 | Operating System Interface - String Pattern Matching               |
| Schedule 11 | 27/08/2018 | Multithreading concepts  |
| Schedule 12 | 28/08/2018 | Client/Server Programming; introduction to HTML                    |
| Schedule 13 | 29/08/2018 | interacting with remote HTML server                                |
| Schedule 14 | 30/08/2018 | CGI programming  |
| Schedule 15 | 31/08/2018 | Programming a simple CGI form.                                     |

  
Resource Person

  
HoD



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### LIST OF REGISTERED STUDENTS

Name of the Program: Add-On Course on "Fundamentals of Python Programming"

Duration: 15/08/2018 to 31/08/2018

| S. No. | Registered No. | Name of the Student | Branch | Signature           |
|--------|----------------|---------------------|--------|---------------------|
| 1      | 15NP1A1201     | A. Sai Pujitha      | IT     | A. Sai Pujitha      |
| 2      | 15NP1A1202     | Abdul Rahima        | IT     | Abdul Rahima        |
| 3      | 15NP1A1203     | A.Naga Aswini       | IT     | A. Naga Aswini      |
| 4      | 15NP1A1204     | A.Siva Durga        | IT     | A. Siva Durga       |
| 5      | 15NP1A1205     | A.sohasha           | IT     | A. sohasha          |
| 6      | 15NP1A1206     | B.Preethi           | IT     | B. Preethi          |
| 7      | 15NP1A1207     | Ch.Ravalika         | IT     | Ch. Ravalika        |
| 8      | 15NP1A1209     | Ch.Jyothi Priyanka  | IT     | Ch. Jyothi Priyanka |
| 9      | 15NP1A1210     | D. Vasavi           | IT     | D. vasavi           |
| 10     | 15NP1A1211     | D.Mounika           | IT     | D. Mounika          |
| 11     | 15NP1A1212     | E.Rachel Jyothi     | IT     | E. Rachel Jyothi    |
| 12     | 15NP1A1213     | G.Bhavani           | IT     | G. Bhavani          |
| 13     | 15NP1A1215     | G.Harika Krupa      | IT     | G. Harika Krupa     |
| 14     | 15NP1A1216     | G.Raasi             | IT     | G. Raasi            |
| 15     | 15NP1A1218     | J.Sri Lakshmi       | IT     | J. Sri Lakshmi      |
| 16     | 15NP1A1219     | J.Praavallika       | IT     | J. Praavallika      |
| 17     | 15NP1A1220     | K.Thushara          | IT     | K. Thushara         |
| 18     | 15NP1A1221     | K.Tejasree          | IT     | K. Tejasree         |
| 19     | 15NP1A1222     | K.Anusha            | IT     | K. Anusha           |

*Dhevi*  
COORDINATOR

*[Signature]*  
HOD



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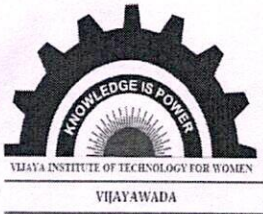
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|    |            |                   |    |                 |
|----|------------|-------------------|----|-----------------|
| 20 | 15NP1A1223 | K.Pujitha         | IT | K.Pujitha       |
| 21 | 15NP1A1224 | K.Naveena         | IT | K.Naveena       |
| 22 | 15NP1A1225 | K.Mythili         | IT | K.Mythili       |
| 23 | 15NP1A1226 | K.Kalyani         | IT | K.Kalyani       |
| 24 | 15NP1A1227 | K.Supriya         | IT | K.Supriya       |
| 25 | 15NP1A1230 | M.Nirmala         | IT | M.Nirmala       |
| 26 | 15NP1A1231 | M.Dinusha         | IT | M.Dinusha       |
| 27 | 15NP1A1232 | M. Bhavana        | IT | M. Bhavana      |
| 28 | 15NP1A1233 | M.Bhuvaneshwari   | IT | M.Bhuvaneshwari |
| 29 | 15NP1A1234 | N.Sravani         | IT | Srave           |
| 30 | 15NP1A1235 | N.Durga Bhavani   | IT | N.Durga Bhavani |
| 31 | 15NP1A1236 | N.L.Alekhyia      | IT | N.L.Alekhyia    |
| 32 | 15NP1A1237 | O.Mounika         | IT | O.Mounika       |
| 33 | 15NP1A1238 | P.SivaNandini     | IT | P.SivaNandini   |
| 34 | 15NP1A1239 | P.Sirisha         | IT | Sirisha P.      |
| 35 | 15NP1A1240 | P.Bhavana Sai     | IT | P. Bhavana      |
| 36 | 15NP1A1241 | P.Jaya Sri        | IT | P. Jaya Sri     |
| 37 | 15NP1A1242 | P.Lalitha         | IT | P.Lalitha       |
| 38 | 15NP1A1243 | S.Himaja          | IT | S. Himaja       |
| 39 | 15NP1A1244 | S.naga Himaja     | IT | S.naga Himaja   |
| 40 | 15NP1A1245 | T.Anusha          | IT | T. Anusha       |
| 41 | 15NP1A1246 | V.N.V.SA.Harshini | IT | Harshini        |
| 42 | 15NP1A1247 | U.V.N.S.Swetha    | IT | S. Swetha       |

*Bhavana*  
COORDINATOR

*U. V. N. S. Swetha*  
HoD



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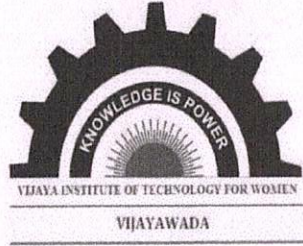
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|    |            |                 |    |                  |
|----|------------|-----------------|----|------------------|
| 43 | 15NP1A1249 | V.Soundarya     | IT | V.Soundarya      |
| 44 | 15NP1A1250 | v. Manaswi      | IT | V. Manaswi       |
| 45 | 15NP1A1251 | V.Prathyusha    | IT | v-prathyusha     |
| 46 | 15NP1A1252 | V.Naga Amrutha  | IT | V.N. Amrutha     |
| 47 | 15NP1A1253 | Y.Swetha        | IT | Y. Swetha        |
| 48 | 15NP1A1254 | Y.Mounisha      | IT | Y. Mounisha      |
| 49 | 15NP1A1255 | K.Rosy Pranuthi | IT | K. Rosy Pranuthi |
| 50 | 15NP1A1256 | feroza begum    | IT | Feroza Begum     |
| 51 | 15NP1A1257 | B.Madhuri       | IT | B. Madhuri       |

*Bhanni*  
COORDINATOR

*Vijaya*  
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**Enikepadu, Vijayawada-521 108**

### DAY-WISE ATTENDANCE SHEET

**Name of the Program: Add-On Course on “Fundamentals of Python Programming”**

**Date: 31/8/2018**

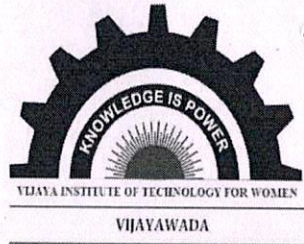
**Duration: 15/08/2018 to 31/08/2018**

**Time: —**

| S. No | Registered No. | Day |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|-------|----------------|-----|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|       |                | 1   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1     | 15NP1A1201     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 2     | 15NP1A1202     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 3     | 15NP1A1203     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 4     | 15NP1A1204     | P   | P | A | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 5     | 15NP1A1205     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | A  | P  | P  |
| 6     | 15NP1A1206     | P   | P | P | P | P | P | P | P | A | P  | P  | P  | P  | P  | P  |
| 7     | 15NP1A1207     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 8     | 15NP1A1209     | P   | P | P | P | P | P | P | P | P | P  | A  | P  | P  | P  | P  |
| 9     | 15NP1A1210     | A   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 10    | 15NP1A1211     | P   | P | P | P | A | A | P | P | P | P  | P  | P  | P  | P  | P  |
| 11    | 15NP1A1212     | P   | P | P | P | P | P | P | P | P | P  | A  | P  | P  | P  | P  |
| 12    | 15NP1A1213     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | A  | P  |
| 13    | 15NP1A1215     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 14    | 15NP1A1216     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |
| 15    | 15NP1A1218     | P   | P | P | P | P | P | P | P | P | P  | P  | P  | P  | P  | P  |

*Bhanu*  
**COORDINATOR**

*[Signature]*  
**HoD**



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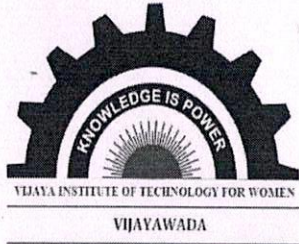
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|    |            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 15NP1A1219 | P | P | P | P | A | P | P | P | P | P | P | P | P | P | P |
| 17 | 15NP1A1220 | P | P | P | P | P | P | P | P | P | P | P | A | P | P | P |
| 18 | 15NP1A1221 | P | P | P | P | P | P | P | P | A | P | P | P | A | P | A |
| 19 | 15NP1A1222 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 20 | 15NP1A1223 | P | P | P | A | P | P | P | P | P | P | A | P | P | P | P |
| 21 | 15NP1A1224 | P | A | P | P | P | P | P | P | P | A | P | P | P | P | P |
| 22 | 15NP1A1225 | P | P | P | P | P | P | P | P | P | P | P | P | P | A | P |
| 23 | 15NP1A1226 | A | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 24 | 15NP1A1227 | P | P | P | P | P | P | P | R | P | P | P | P | P | P | P |
| 25 | 15NP1A1230 | P | P | P | A | P | P | A | A | P | P | P | P | P | P | P |
| 26 | 15NP1A1231 | P | P | A | P | P | P | P | P | P | P | P | P | P | P | P |
| 27 | 15NP1A1232 | P | P | P | P | P | P | P | P | A | P | A | P | P | P | P |
| 28 | 15NP1A1233 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | A |
| 29 | 15NP1A1234 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 30 | 15NP1A1235 | A | P | P | P | P | P | P | A | P | P | P | P | P | A | P |
| 31 | 15NP1A1236 | P | P | P | P | P | A | P | P | P | P | P | P | P | P | P |
| 32 | 15NP1A1237 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 33 | 15NP1A1238 | P | P | P | P | P | P | P | P | P | P | P | P | A | A | P |
| 34 | 15NP1A1239 | P | P | P | P | P | P | P | P | P | P | P | A | A | P | P |
| 35 | 15NP1A1240 | P | P | P | A | P | P | A | P | P | A | P | P | P | P | P |
| 36 | 15NP1A1241 | P | A | P | P | P | P | P | P | P | P | P | P | P | P | P |

*Bhenu*  
COORDINATOR

*[Signature]*  
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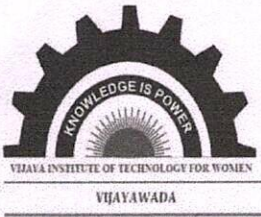
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 COLLEGE CODE: NP, Phone: 0866-2844444, Email: vijayatechfw@gmail.com, Web: vitw.in

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|    |            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 15NP1A1242 | P | P | P | P | A | P | P | P | P | P | P | P | P | P | A |
| 38 | 15NP1A1243 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 39 | 15NP1A1244 | A | P | P | P | P | A | P | P | P | P | P | P | P | P | P |
| 40 | 15NP1A1245 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 41 | 15NP1A1246 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
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| 43 | 15NP1A1249 | P | P | P | P | P | P | P | P | P | P | P | A | P | P | P |
| 44 | 15NP1A1250 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 45 | 15NP1A1251 | A | P | P | P | P | P | P | P | P | P | A | P | P | P | P |
| 46 | 15NP1A1252 | P | P | P | P | P | P | A | P | P | P | P | P | P | P | P |
| 47 | 15NP1A1253 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 48 | 15NP1A1254 | P | P | P | A | P | P | P | P | P | P | P | P | P | P | P |
| 49 | 15NP1A1255 | P | P | P | P | P | P | P | A | P | P | P | P | P | P | A |
| 50 | 15NP1A1256 | P | P | A | P | P | P | P | P | P | P | P | P | P | P | P |
| 51 | 15NP1A1257 | P | P | P | P | P | P | P | P | P | P | P | A | P | P | P |

*Bhenu*  
**COORDINATOR**

*[Signature]*  
**HoD**



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### PROGRAM REPORT

**Name of the Program:** Add-On Course on “Fundamentals of Python Programming”

**Duration:** 15/08/2018 to 31/08/2018

**Resource Person:** Mrs. Y. Vijaya

Asst. Professor, Department of IT,

Vijaya Institute of Technology for Women

**Phone Number:** 9966551717

**Name of the Coordinator:** Mrs. Y.V.K.D Bhavani

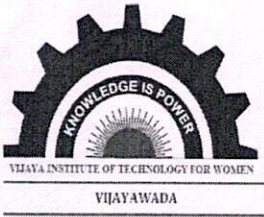
**No. of Participants:** 51

**Program Objective:** After taking the course, students will be able to

- Understand why Python is a useful scripting language for developers.
- Learn how to design and program Python applications.
- Learn how to use lists, tuples, and dictionaries in Python programs.
- Learn how to identify Python object types.
- Learn how to use indexing and slicing to access data in Python programs.
- Learn how to write loops and decision statements in Python.
- Learn how to design object-oriented programs with Python classes.
- Learn how to use class inheritance in Python for reusability.
- Learn how to use exception handling in Python applications for error handling.

#### **Topics Covered:**

1. Introduction to Python Programming
2. Types, Operators and Expressions
3. Data Structures Lists - Operations, Slicing
4. Methods; Tuples, Sets, Dictionaries.
5. Functions - Defining Functions, Calling Functions.
6. Scope of the Variables in a Function - Global and Local Variables.
7. Object Oriented Programming OOP in Python.
8. Error and Exceptions in OOP
9. Operating System Interface - String Pattern Matching
10. Multithreading Concepts



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**Program Outcome:** At the end of this course, students will be able to:

- Create your first program in Python IDLE.
- Implement OOPs concepts in your programming.
- Use Arrays, and Data structures.
- Create an application with the support of graphics in Python.
- Implement error handling.

  
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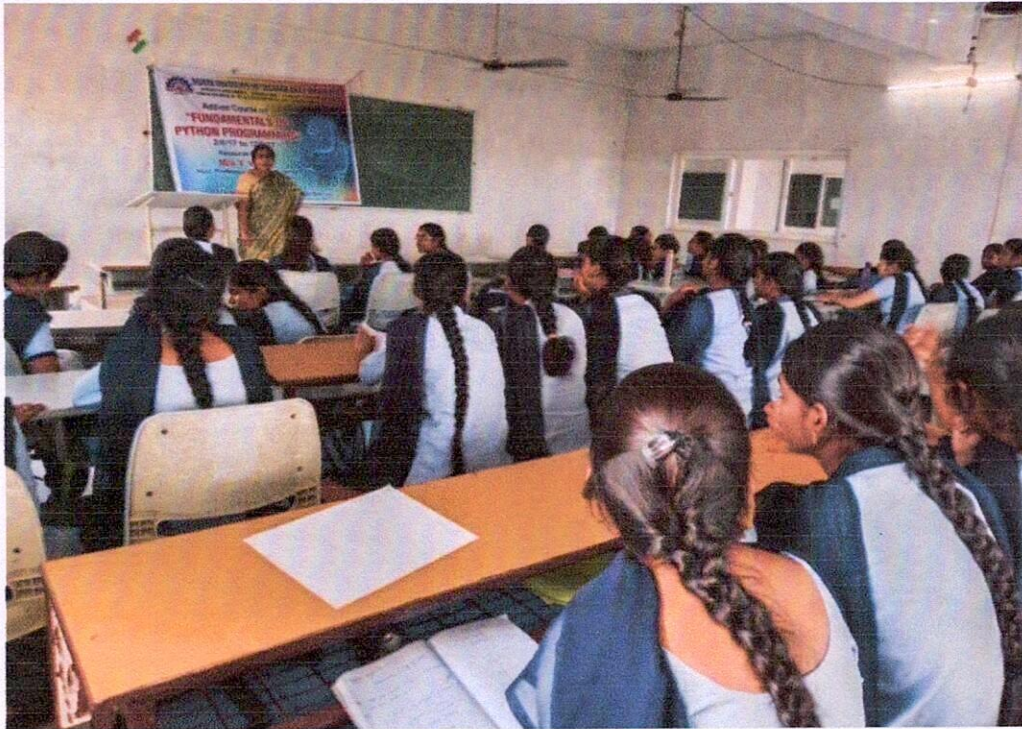
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College Code: NP, Enikepadu, Vijayawada-521108

## Add-On Course on “Fundamentals of Python Programming”



*Darshini*

COORDINATOR

*Uyana*

HoD



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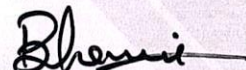
This is to certify that Ms. A. Sai Pujitha

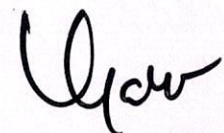
bearing Roll No. 15NP1A1201. of II Year Information Technology

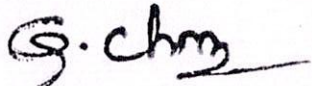
Branch has participated in "Fundamentals of Python

Programming" Add-On Course conducted

from 15/08/2018 to 31/08/2018 in the Academic Year 2018 - 2019.

  
Coordinator

  
Head of the Department

  
Dr. G. Chenchamma  
Principal



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## *Certificate of Participation*

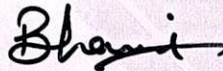
This is to certify that Ms. D. Mounika

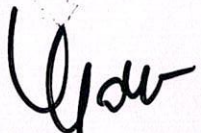
bearing Roll No. 15NP1A1211 of II Year Information Technology

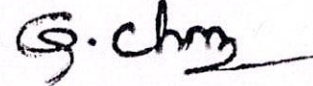
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Coordinator

  
Head of the Department

  
Dr. G. Chenchamma  
Principal





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## Certificate of Participation

This is to certify that Ms. T. Anusha

bearing Roll No. 15NP1A1245 of II Year Information Technology

Branch has participated in "Fundamentals of Python

Programming" Add-On Course conducted

from 15/08/2018 to 31/08/2018 in the Academic Year 2018 - 2019.

Bharani  
Coordinator

Ujow  
Head of the Department

G. Chm  
Dr. G. Chenchamma  
Principal





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## Certificate of Participation

This is to certify that Ms. M. Bhavana

bearing Roll No. 15NPIA1232 of II Year Information Technology

Branch has participated in "Fundamentals of Python

Programming" Add-On Course conducted

from 15/08/2018 to 31/08/2018 in the Academic Year 2018 - 2019.

*Bhena*  
Coordinator

*Upw*  
Head of the Department

*G. Chm*  
Dr. G. Chenchamma  
Principal



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College Code: NP, Enikepadu, Vijayawada-521108

Date: 06-08-2018

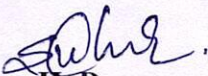
### CIRCULAR

All the students are hereby informed that the Department of Computer Science & Engineering is conducting an "Add-On Course" titled "**MOBILE APPLICATION USING ANDROID**" for III - B. Tech, Computer science and Engineering students. The course will be conducted from 13/08/2018 to 29/08/2018. In this context, All the students are requested to register their names in the department office on or before 10/08/2018. Students are strictly directed to enroll for the course and attend classes regularly without missing, in order to improve knowledge and to get better placement.

#### **Resource Person:**

Ms. J.Hymavathi,  
Assistant Professor, Department of CSE  
Vijaya Institute of Technology for Women

**Venue:** CSE Main Lab, First Floor.

  
HoD

  
PRINCIPAL

Copy to:

1. The Secretary, SRK Foundation
2. All the department Heads
3. Notice Board

## About the College

Vijaya Institute of Technology for Women is founded by Sri Boyapati Appa Rao Garu in 2008, with the objective of providing excellent education in engineering for women. VITW is affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada, approved by AICTE, Certified by ISO 9001:2015. VITW is the only women's Engineering College in the heart of Vijayawada city, offering Engineering Undergraduate Courses in CSE, ECE, EEE and IT, MBA and Diploma Engineering courses in CSE, ECE and EEE. VITW, being the only one Women's Engineering College in Vijayawada, has made its presence felt with its academic discipline, results and the achievements of students.

## About CSE Department

The department has well qualified, experienced and dynamic faculty who are engaged in break through research across the leading areas of computer science and engineering. The engineering and Society, a part of CSE Department produces versatile students and encourages them to be employed in exciting careers. On an individual level, the department improves programming skills and creates awareness among the recent trends and technologies in the computer field.

**CHIEF PATRON**  
**Sri B. S. Appa Rao**  
Chairman, SRK Foundation

**PATRON**  
**Sri. B. Sri Krishna**  
Secretary, SRK Foundation

**Convener**  
**Dr. G.Chenchamma**  
Principal

**Co –Convener**  
**Dr.B.Sukumar Babu**  
HoD of CSE

**Resource Person**  
**Ms. J.Hymavathi,**  
Assistant Professor,  
Department of CSE

**Coordinator**  
**Dr.A.C.P.Ranjani**

## Add-On Course

on  
“MOBILE APPLICATION  
USING ANDROID”



Organized by  
Department of CSE

from

13/08/2018 to 29/08/2018

**VIJAYA INSTITUTE OF  
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Enikepadu, Vijayawada, 521108, (A. P)  
Ph: 0866-2844444  
[www.vitw.in](http://www.vitw.in)

## About the Course

Mobile apps use a network connection to access remote computing resources. The app development process includes creating installable applications for the mobile devices and implementing backend services, for instance data access through an API. Testing the application on target devices is also part of the process.

## Objectives

After taking the course, students will be able to

- Creating robust mobile applications and learn how to integrate them with other services.
- Creating intuitive, reliable mobile apps using the android services and components.
- Create a seamless user interface that works with different mobile screens.

## Outcomes

At the end of this course, students will be able to

- You'll start from building a Hello World app with Flutter while learning the fundamentals of Flutter widgets.
- You'll learn about layouts by building a contact profile page for Android device's address book.
- You'll understand styling apps using Flutter themes.
- You'll build a Movie Listing App using TheMovieDB REST API.

## Topics to be Covered

- Introduction to Android
- Concepts of MVC Architecture
- Android environment setup using android studio IDE
- To develop simple android applications using UI controls
- User Interface Designing Layout – Relative layout
- Linear layout

- User Interface Controls-Text box
- Edit text
- Button
- Check box
- Radio Buttons
- Toggle Button
- Spinner
- Date Picker
- Time Picker
- To Develop an Android applications that switches between activities
- To create Sample Android App.

## Resource Person

**Ms. J.Hymavathi,  
Assistant Professor,  
Department of CSE**

## Registration

**Registration is Free**



## VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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### DAY-WISE SCHEDULE

Name of the Program: Add-On Course on “MOBILE APPLICATION USING ANDROID”

Duration : 13/08/2018 to 29/08/2018

Date:10/08/2018

| Schedule | Date       | Topic covered  |
|----------|------------|--|
| Day1     | 13/08/2018 | Introduction to Android  |
| Day2     | 14/08/2018 | Concepts of MVC Architecture   |
| Day3     | 15/08/2018 | Android environment setup using android studio IDE                     |
| Day4     | 16/08/2018 | Android environment setup using Eclipse IDE                            |
| Day5     | 17/08/2018 | To create Sample Android App   |
| Day6     | 18/08/2018 | User Interface Designing Layout – Relative layout, Linear layout       |
| Day7     | 20/08/2018 | User Interface Designing Layout – List View Layout<br>Grid view Layout |
| Day8     | 21/08/2018 | User Interface Controls-Text box, Edit text, Button                    |
| Day9     | 22/08/2018 | Check box, Radio Buttons   |
| Day10    | 23/08/2018 | Toggle Button, Spinner   |
| Day11    | 24/08/2018 | Date Picker, Time Picker   |
| Day12    | 25/08/2018 | To Develop an Android applications that switches between activities    |
| Day13    | 27/08/2018 | To develop an Android applications that switches between activities    |
| Day14    | 28/08/2018 | To develop simple android applications using UI controls               |
| Day15    | 29/08/2018 | To develop simple android applications using UI controls               |

  
Resource Person

  
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### LIST OF REGISTERED STUDENTS

Name of the Program: Add-On Course on "MOBILE APPLICATION USING ANDROID"  
Duration : 13/08/2018 to 29/08/2018 Date: 10/08/2018

| S.No. | Registered No. | NAME                         | Branch | Signature          |
|-------|----------------|------------------------------|--------|--------------------|
| 1     | 16NP1A0501     | AVASARALA SRI HARSHITHA      | CSE    | A. Sri Harshitha   |
| 2     | 16NP1A0502     | AAKULA VARALAKSHMI           | CSE    | A. Varalakshmi     |
| 3     | 16NP1A0503     | ABDUL MURVEZUNNISA           | CSE    | A. Murvezunnisa    |
| 4     | 16NP1A0504     | AGGARAJU SRI VIDYA           | CSE    | A. Sri Vidya       |
| 5     | 16NP1A0505     | ALA VENKATA SUMATHI          | CSE    | A. Venkata Sumathi |
| 6     | 16NP1A0506     | ARILLA NAGA JYOTHI           | CSE    | A. Naga Jyothi     |
| 7     | 16NP1A0507     | BAVIRISETTY TEJASRI          | CSE    | B. Tejasri         |
| 8     | 16NP1A0508     | BINDU SRI TUMMALA            | CSE    | B. Sri Tummalam    |
| 9     | 16NP1A0509     | BONTHU MANASA                | CSE    | B. Manasa          |
| 10    | 16NP1A0510     | CHONGALI USHA RANI           | CSE    | C. Usha Rani       |
| 11    | 16NP1A0511     | DAKKUMALA SRI NIDHI          | CSE    | D. Sri Nidhi       |
| 12    | 16NP1A0512     | GEDELA YAMUNA                | CSE    | Yamuna G.          |
| 13    | 16NP1A0513     | GUDE RAJYALAKSHMI            | CSE    | G. Rajyalakshmi    |
| 14    | 16NP1A0514     | GUNDU PRASANNA               | CSE    | G. Prasanna        |
| 15    | 16NP1A0515     | GUNTURI SRI SUDHARMA         | CSE    | G. Sri Sudharma    |
| 16    | 16NP1A0516     | GURRALA CHANDANA             | CSE    | G. Chandana        |
| 17    | 16NP1A0518     | KANDULA RAJASRI              | CSE    | K. Rajasri         |
| 18    | 16NP1A0519     | KARUMANCHI SANTHA DEVI       | CSE    | Devu               |
| 19    | 16NP1A0520     | KATLAMUDI SAIPRIYANKA        | CSE    | K. Saipriyanka     |
| 20    | 16NP1A0521     | KODALI SUKANYA               | CSE    | K. Sukanya         |
| 21    | 16NP1A0522     | KUNTAMUKKALA KEERTHI MANISHA | CSE    | K. Keerthi Manisha |
| 22    | 16NP1A0523     | LAM SWATHI                   | CSE    | L. Swathi          |
| 23    | 16NP1A0525     | M B APARNA SRUJANA           | CSE    | I. Swathi          |
| 24    | 16NP1A0526     | MADINENI SHAMINI             | CSE    | M. Shamini         |
| 25    | 16NP1A0527     | MACHA LALITHA                | CSE    | Lalitha            |
| 26    | 16NP1A0528     | MAKINENI SOWJANYA            | CSE    | M. Sowjanya        |
| 27    | 16NP1A0529     | MANNAVA AMANI                | CSE    | M. Amani           |
| 28    | 16NP1A0530     | MARELLA JAYA SRI             | CSE    | M. Jayasri         |
| 29    | 16NP1A0531     | MOHAMMAD TASLEEMA            | CSE    | Mohammad Tasleema  |
| 30    | 16NP1A0532     | NANDIPATI KEERTHI SRUJANA    | CSE    | N. Keerthi Srujana |

*P. B. Laufer*  
COORDINATOR

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### LIST OF REGISTERED STUDENTS

Name of the Program: Add-On Course on "MOBILE APPLICATION USING ANDROID"  
Duration : 13/08/2018 to 29/08/2018

Date: 10/08/2018

| S.No. | Registered No. | NAME                         | Branch | Signature            |
|-------|----------------|------------------------------|--------|----------------------|
| 31    | 16NP1A0533     | NANDURI RIDHIIMA SRE         | CSE    | N. Ridhima Sre       |
| 32    | 16NP1A0535     | PALAVANCHA PRATHYUSHA        | CSE    | P. Prathyusha        |
| 33    | 16NP1A0536     | PARAMKUSAM ROJA              | CSE    | P. Roja              |
| 34    | 16NP1A0537     | PARVATHANENI DIVYA TEJASWI   | CSE    | P. Tejaswi           |
| 35    | 16NP1A0538     | PATHIPATI ANUSHA             | CSE    | P. Anusha            |
| 36    | 16NP1A0539     | PINNIBOINA SNEHITHA          | CSE    | P. Snehitha          |
| 37    | 16NP1A0540     | PITTU GNANA CHAITANYA        | CSE    | P. GNANA             |
| 38    | 16NP1A0542     | PORANKI DIVYA DURGA          | CSE    | P. Gnana chaitanya   |
| 39    | 16NP1A0543     | PORANKI NAGA DURGA           | CSE    | P. Naga durga        |
| 40    | 16NP1A0544     | RAMINENI SHAKUNTHALA         | CSE    | R. Shakunthala       |
| 41    | 16NP1A0545     | RAVI SAI SRUJANA SRI         | CSE    | Ravisai. Srujana Sri |
| 42    | 16NP1A0546     | S GREESHMA                   | CSE    | S. Greeshma          |
| 43    | 16NP1A0547     | SHAIK MOHAMMED AFREEN        | CSE    | Sk Mohammed Afreen   |
| 44    | 16NP1A0548     | SK. MEHANAZ BEGUM            | CSE    | Sk. Mehtanaz Begum   |
| 45    | 16NP1A0549     | SONTI ONISHA                 | CSE    | S. Onisha            |
| 46    | 16NP1A0550     | SRI KRISHNAPRIYANKA KUSUNURI | CSE    | S.K.P. KUSUNURI      |
| 47    | 16NP1A0551     | SUMAYYA KOWSAR               | CSE    | Sumayya Kowsar       |
| 48    | 16NP1A0552     | TUMMALA PRANEETHA            | CSE    | T. Praneetha         |
| 49    | 16NP1A0553     | TALLURI LAVANYA              | CSE    | T. Lavanya           |
| 50    | 16NP1A0554     | THAMMISSETTI BHAVANI         | CSE    | T. Bhavani           |
| 51    | 16NP1A0556     | TUMMURU CHAITRA              | CSE    | T. Chaitra           |
| 52    | 16NP1A0557     | VADDESWARAM KIRANMAI         | CSE    | V. Kiranmai          |
| 53    | 16NP1A0558     | VARA SUSHMA REDDY            | CSE    | Vara Sushma Reddy    |
| 54    | 16NP1A0559     | VENKATA JAHNAVI CHAGANTI     | CSE    | Ch Venkata Jahnavi   |
| 55    | 16NP1A0560     | YASARLA KALPANA              | CSE    | Y. Kalpana           |
| 56    | 16NP1A0561     | A MONISHA                    | CSE    | A Monisha            |

*Sep. Rayana*  
COORDINATOR

*Shur*  
HoD



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### LIST OF REGISTERED STUDENTS

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Duration : 13/08/2018 to 29/08/2018 Date: 10/08/2018

| S.No. | Registered No. | NAME                    | Branch | Signature         |
|-------|----------------|-------------------------|--------|-------------------|
| 57    | 16NP1A0562     | AKULA MANASA            | CSE    | A. Manasa         |
| 58    | 16NP1A0563     | ANNABATHINA SAI PRIYA   | CSE    | A. Sai Priya      |
| 59    | 16NP1A0564     | ANNAM DIVYA SRI         | CSE    | A. Divya Sri      |
| 60    | 16NP1A0565     | BHANU DEEKSHITA ANANTHA | CSE    | A. Deekshitha     |
| 61    | 16NP1A0566     | BOMMANA DIVYA           | CSE    | B. Divya          |
| 62    | 16NP1A0567     | CHUKKA SOWMYA           | CSE    | C. Sowmya         |
| 63    | 16NP1A0568     | DARA TEJASWI            | CSE    | D. Tejaswi        |
| 64    | 16NP1A0569     | DARSI NAGA SREE         | CSE    | D. Sai Anusha     |
| 65    | 16NP1A0570     | DESARAJU SAI ANUSHA     | CSE    | D. Sai Anusha     |
| 66    | 16NP1A0571     | GANTA NAGA LAKSHMI      | CSE    | G. Naga Lakshmi   |
| 67    | 16NP1A0572     | GOGA DIVYA PUJITHA      | CSE    | G. Divya Pujitha  |
| 68    | 16NP1A0573     | GUDELA BINDU            | CSE    | G. Bindu          |
| 69    | 16NP1A0574     | GUMMALLA DURGA DEVI     | CSE    | G. Durgadevi      |
| 70    | 16NP1A0575     | INAMPUDI SAI SUMA       | CSE    | I. Sai Suma       |
| 71    | 16NP1A0576     | ISUKAPALLI MANOGNA      | CSE    | I. Manogna        |
| 72    | 16NP1A0577     | JETTI HEMASRI           | CSE    | J. Hemasri        |
| 73    | 16NP1A0578     | JILLELA DURGA PRIYANKA  | CSE    | J. Yamini Devi    |
| 74    | 16NP1A0579     | JUTRU YAMINI DEVI       | CSE    | J. Durga Priyanka |
| 75    | 16NP1A0580     | KANAPARTHI PAVANI       | CSE    | K. Pavani         |
| 76    | 16NP1A0581     | KANDIMALLA DEVI CHINMAI | CSE    | K. Devi Chinmai   |
| 77    | 16NP1A0583     | KODALI NAGA PUJITHA     | CSE    | K. Naga Pujitha   |
| 78    | 16NP1A0584     | KUNTAMUKKALA BINDU SRI  | CSE    | K. Bindu Sri      |
| 79    | 16NP1A0585     | KANDULA ROJA SREE       | CSE    | K. Roja Sree      |
| 80    | 16NP1A0586     | MAGANTI RISHIKA         | CSE    | M. Richika        |
| 81    | 16NP1A0587     | MALLAMPALLI DEVIMANASA  | CSE    | M. Divya Sri      |
| 82    | 16NP1A0588     | MAMIDIPALLI DIVYA SRI   | CSE    | M. Divya Sri      |
| 83    | 16NP1A0589     | MOHAMMED AFREEN FATHIMA | CSE    | M.D. Afreen       |
| 84    | 16NP1A0590     | MUDRABOINA SRAVANI      | CSE    | M. Sravani        |
| 85    | 16NP1A0591     | NAKKANABOINA DEEPIKA    | CSE    | N. Deepika        |

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### LIST OF REGISTERED STUDENTS

Name of the Program: Add-On Course on "MOBILE APPLICATION USING ANDROID"  
Duration : 13/08/2018 to 29/08/2018 Date: 10/08/2018

| S.No. | Registered No. | NAME                         | Branch | Signature     |
|-------|----------------|------------------------------|--------|---------------|
| 86    | 16NP1A0592     | NALLANUKALA SAI TEJASWINI    | CSE    | Tejaswini     |
| 87    | 16NP1A0593     | NALUKURTHI DEEPU             | CSE    | Deepu         |
| 88    | 16NP1A0594     | NEELAPALA NAGASRIVAISHNAVI   | CSE    | Varshnavi     |
| 89    | 16NP1A0595     | PEDDAKOTLA ANUSHA            | CSE    | Anusha        |
| 90    | 16NP1A0596     | PRATTIPATI SIRISHA           | CSE    | P. Sirisha    |
| 91    | 16NP1A0597     | PUTHINEEDI JYOTHIKA          | CSE    | Jyothika      |
| 92    | 16NP1A0598     | RAMSETTI JAHNAVI             | CSE    | Jahnavi R     |
| 93    | 16NP1A0599     | SHAIK HAZARAKOWSAR           | CSE    | Sr. Kowsar    |
| 94    | 16NP1A05A0     | SHAIK NAJMA                  | CSE    | S. Najma      |
| 95    | 16NP1A05A1     | SNEHA BODDU                  | CSE    | Sneha         |
| 96    | 16NP1A05A2     | SUNKARA VAGDEVI              | CSE    | Vagdevi       |
| 97    | 16NP1A05A3     | VADDIBOINA DURGA BHAVANI     | CSE    | Durga Bhavani |
| 98    | 16NP1A05A4     | VAJJAPARTHI JHANSI           | CSE    | Jhansi        |
| 99    | 16NP1A05A5     | VALLURU TEJASRI              | CSE    | Tejasri       |
| 100   | 16NP1A05A6     | YERRAPOTHU SIVA RAJYALAKSHMI | CSE    | Rajya Lakshmi |
| 101   | 17NP5A0501     | MOVVA DIVYA                  | CSE    | Divya         |

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### DAY-WISE ATTENDANCE SHEET

**Academic year:2018-2019**

**Name of the Program: Add-On Course on "MOBILE APPLICATION USING ANDROID"**

**Duration : 13/08/2018 to 29/08/2018**

Date: 29/08/2018

| S.No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 1     | 16NP1A0501   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 2     | 16NP1A0502   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 3     | 16NP1A0503   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 4     | 16NP1A0504   | P     | P     | A     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 5     | 16NP1A0505   | P     | P     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 6     | 16NP1A0506   | R     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 7     | 16NP1A0507   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 8     | 16NP1A0508   | A     | P     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 9     | 16NP1A0509   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 10    | 16NP1A0510   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 11    | 16NP1A0511   | P     | P     | A     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 12    | 16NP1A0512   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 13    | 16NP1A0513   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 14    | 16NP1A0514   | A     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | A      | P      |
| 15    | 16NP1A0515   | P     | P     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |

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|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 16    | 16NP1A0516   | P     | P     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | A      | P      |
| 17    | 16NP1A0518   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 18    | 16NP1A0519   | P     | A     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 19    | 16NP1A0520   | P     | P     | A     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 20    | 16NP1A0521   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 21    | 16NP1A0522   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 22    | 16NP1A0523   | P     | P     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 23    | 16NP1A0525   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 24    | 16NP1A0526   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 25    | 16NP1A0527   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 26    | 16NP1A0528   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | A      | P      |
| 27    | 16NP1A0529   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | A      | P      | P      | P      | P      |
| 28    | 16NP1A0530   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 29    | 16NP1A0531   | P     | A     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | A      |
| 30    | 16NP1A0532   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |

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**Name of the Program: Add-On Course on "MOBILE APPLICATION USING ANDROID"**

Date: 29/08/2018

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|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 31    | 16NP1A0533   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 32    | 16NP1A0535   | P     | P     | A     | P     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 33    | 16NP1A0536   | P     | P     | P     | A     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 34    | 16NP1A0537   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 35    | 16NP1A0538   | P     | A     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 36    | 16NP1A0539   | P     | P     | P     | P     | P     | P     | A     | P     | P     | A      | P      | P      | P      | P      | A      |
| 37    | 16NP1A0540   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 38    | 16NP1A0542   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 39    | 16NP1A0543   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 40    | 16NP1A0544   | P     | P     | P     | P     | A     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 41    | 16NP1A0545   | P     | P     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | A      | P      | P      |
| 42    | 16NP1A0546   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | A      | P      | A      | P      |
| 43    | 16NP1A0547   | P     | P     | A     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 44    | 16NP1A0548   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | A      | P      | P      |
| 45    | 16NP1A0549   | P     | P     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |

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Date: 29/08/2018

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|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 46    | 16NP1A0550   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 47    | 16NP1A0551   | P     | P     | P     | P     | P     | A     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 48    | 16NP1A0552   | P     | A     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 49    | 16NP1A0553   | P     | P     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 50    | 16NP1A0554   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 51    | 16NP1A0556   | P     | P     | A     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 52    | 16NP1A0557   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | A      | P      | P      | A      |
| 53    | 16NP1A0558   | P     | P     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 54    | 16NP1A0559   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 55    | 16NP1A0560   | P     | A     | P     | P     | P     | P     | P     | A     | P     | P      | A      | P      | P      | P      | P      |
| 56    | 16NP1A0561   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 57    | 16NP1A0562   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | A      | P      |
| 58    | 16NP1A0563   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | A      | P      | P      | P      |
| 59    | 16NP1A0564   | P     | P     | P     | P     | P     | A     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 60    | 16NP1A0565   | P     | P     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |

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|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 61    | 16NP1A0566   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 62    | 16NP1A0567   | P     | P     | A     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 63    | 16NP1A0568   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 64    | 16NP1A0569   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 65    | 16NP1A0570   | P     | A     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 66    | 16NP1A0571   | P     | P     | P     | P     | P     | A     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 67    | 16NP1A0572   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 68    | 16NP1A0573   | P     | P     | A     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 69    | 16NP1A0574   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | A      | P      |
| 70    | 16NP1A0575   | P     | P     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | A      |
| 71    | 16NP1A0576   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 72    | 16NP1A0577   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 73    | 16NP1A0578   | P     | A     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 74    | 16NP1A0579   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 75    | 16NP1A0580   | P     | P     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |

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**Duration : 13/08/2018 to 29/08/2018**

| S.No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 76    | 16NP1A0581   | P     | P     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 77    | 16NP1A0583   | P     | P     | P     | A     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 78    | 16NP1A0584   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 79    | 16NP1A0585   | P     | A     | P     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 80    | 16NP1A0586   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | P      | A      | P      |
| 81    | 16NP1A0587   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | A      |
| 82    | 16NP1A0588   | P     | P     | A     | P     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 83    | 16NP1A0589   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 84    | 16NP1A0590   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 85    | 16NP1A0591   | P     | A     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 86    | 16NP1A0592   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | P      | A      | P      |
| 87    | 16NP1A0593   | P     | P     | A     | P     | P     | P     | A     | P     | P     | P      | P      | A      | P      | P      | P      |
| 88    | 16NP1A0594   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 89    | 16NP1A0595   | P     | P     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 90    | 16NP1A0596   | P     | P     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |

*P. P. Rao*  
**COORDINATOR**

*[Signature]*  
**HoD**



## VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

(An ISO 9001:2015 Certified Institute, Approved by AICTE, New Delhi and Affiliated to JNTU-Kakinada, A.P)  
 COLLEGE CODE: NP, Phone: 0866-2844444, Email: vijayatechfw@gmail.com, Web: vitw.in

Enikepadu, Vijayawada-521 108

### DAY-WISE ATTENDANCE SHEET

Academic year:2018-2019

Name of the Program: Add-On Course on "MOBILE APPLICATION USING ANDROID"

Duration : 13/08/2018 to 29/08/2018

Date: 29/08/2018

| S.No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 91    | 16NP1A0597   | P     | P     | A     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 92    | 16NP1A0598   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 93    | 16NP1A0599   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 94    | 16NP1A05A0   | P     | A     | P     | P     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 95    | 16NP1A05A1   | P     | P     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 96    | 16NP1A05A2   | P     | P     | P     | A     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 97    | 16NP1A05A3   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 98    | 16NP1A05A4   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 99    | 16NP1A05A5   | P     | P     | A     | P     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 100   | 16NP1A05A6   | P     | P     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 101   | 17NP5A0501   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | A      |

*Dr. R. Raju*  
 COORDINATOR

*R. Srinivas*  
 HoD



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Enikepadu, Vijayawada-521 108

### Program Report

Name of the Program : Add-On Course on "MOBILE APPLICATION USING  
ANDROID"

Duration :13/08/2018 to 29/08/2018

Resource Person : Ms. J.Hymavathi, Assistant Professor, Department of CSE  
Vijaya Institute of Technology for Women  
Phone No:9652777444

Name of the Coordinator : Mrs.A.C.P.Ranjani

No. of Participants :101

Program Objectives : After taking the course, students will be able to

- Creating robust mobile applications and learn how to integrate them with other services.
- Creating intuitive, reliable mobile apps using the android services and components.
- Create a seamless user interface that works with different mobile screens.

Topics Covered : Introduction to Android, Concepts of MVC Architecture, Android environment setup using android studio IDE, To develop simple android applications using UI controls, User Interface Designing Layout – Relative layout, Linear layout, User Interface Controls-Text box, Edit text, Button, Check box, Radio Buttons, Toggle Button, Spinner, Date Picker, Time Picker, To Develop an Android applications that switches between activities, To create Sample Android App.

Program Outcomes : At the end of this course, students will be able to:

- You'll start from building a Hello World app with Flutter while learning the fundamentals of Flutter widgets.
- You'll learn about layouts by building a contact profile page for Android device's address book.
- You'll understand styling apps using Flutter themes.
- You'll build a Movie Listing App using TheMovieDB REST API.

*J.C.P. Ranjani*  
COORDINATOR

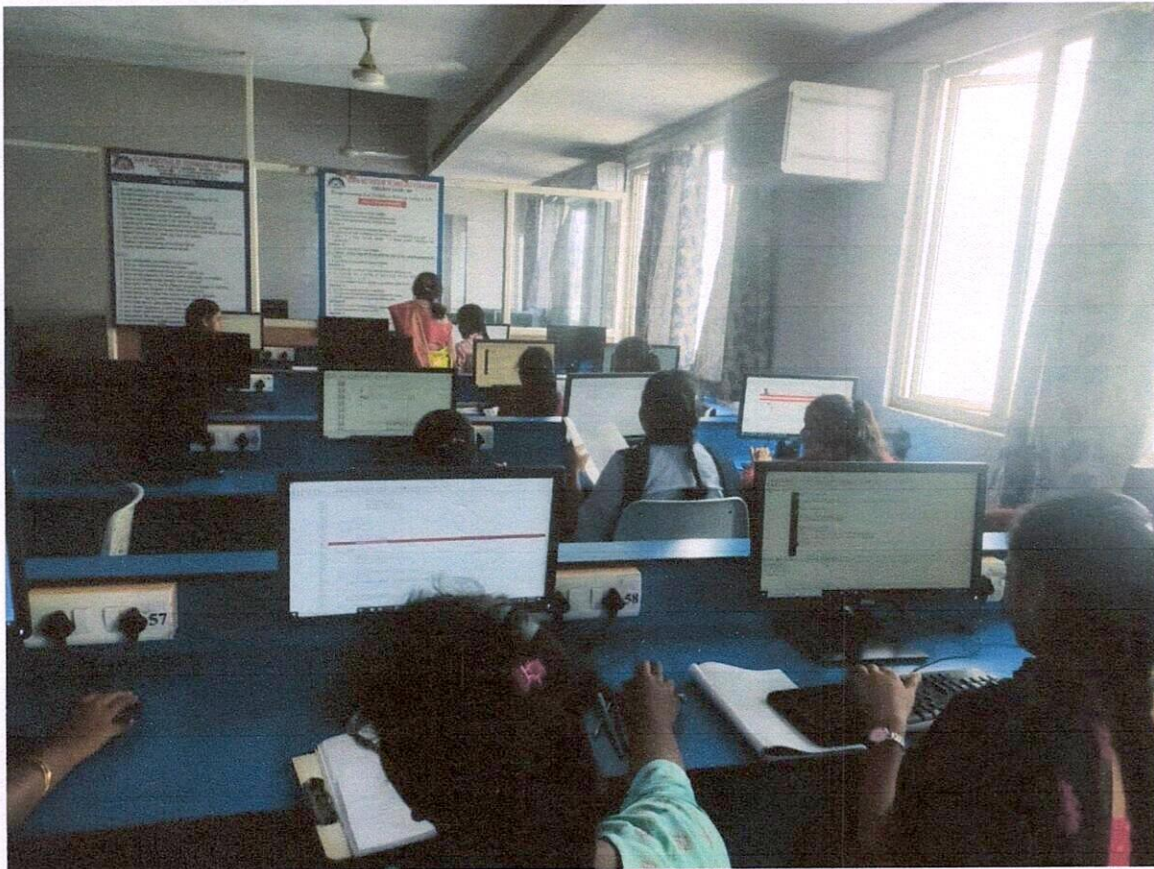
*[Signature]*  
HOD



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Enikepadu, Vijayawada-521 108

### Add-On Course on “MOBILE APPLICATION USING ANDROID”



*A.P. Ranjan*  
COORDINATOR

*Sulagna*  
HoD



# VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

ENIKEPADU, VIJAYAWADA. Ph. : 0866-2844444, 0866-2844999

APPROVED BY AICTE & AFFILIATED TO JNTUK KAKINADA

AN ISO 9001:2015 CERTIFIED INSTITUTE

## Certificate of Participation

This is to certify that Ms. k. naga pujiitha

bearing Roll No. 16NP1A0583 of III Year computer science and

Engineering Branch has participated in mobile Application using

Android Add-On Course conducted

from 13/08/2018 to 29/08/2018 in the Academic Year 2018-19.

*Dep. Head of the Department*  
Coordinator

*Dr. G. Chenamma*  
Head of the Department

*G. Chm*  
Dr. G. Chenamma  
Principal



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## *Certificate of Participation*

This is to certify that Ms. I. Manogna

bearing Roll No. 16NP1A0576 of III Year Computer Science and

Engineering Branch has participated in Mobile Application using

Android Add-On Course conducted

from 13/08/2018 to 29/08/2018 in the Academic Year 2018-19.

*J. P. Raju*  
Coordinator

*P. C. P. Raju*  
Head of the Department

*G. Chm*  
Dr. G. Chenchamma  
Principal



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## *Certificate of Participation*

This is to certify that Ms. N. Ridhima Sri

bearing Roll No. 16NPIA0533 of III Year computer science and

Engineering Branch has participated in mobile Application using

Android Add-On Course conducted

from 13/08/2018 to 29/08/2018 in the Academic Year 2018-19.

*Dr. P. Rajfauz*  
Coordinator

*Dr. P. Rajfauz*  
Head of the Department

*G. Chm*  
Dr. G. Chenchamma  
Principal



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## Certificate of Participation

This is to certify that Ms. A. Sri vidya

bearing Roll No. 16NP1A0504 of III Year Computer Science and

Engineering Branch has participated in Mobile Application using

Android Add-On Course conducted

from 13/08/2018 to 29/08/2018 in the Academic Year 2018-19.

*J. P. Raju*  
Coordinator

*J. P. Raju*  
Head of the Department

*G. Chm*  
Dr. G. Chenchamma  
Principal





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## *Certificate of Participation*

This is to certify that Ms. G. Chandana

bearing Roll No. 16NPIA0516 of III Year Computer Science and

Engineering Branch has participated in Mobile Application using

Android Add-On Course conducted

from 13/08/2018 to 29/08/2018 in the Academic Year 2018-19.

*Dr. P. Ramesh*  
Coordinator

*Dr. G. P. Ramesh*  
Head of the Department

*G. Chm*  
Dr. G. Chenchamma  
Principal



## VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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APPhone: 0866-2844444, Email: [vijayatechfw@gmail.com](mailto:vijayatechfw@gmail.com) Website [www.vitw.in](http://www.vitw.in)  
College Code: NP, Enikepadu, Vijayawada-521108

Date: 26/11/2018

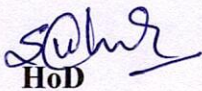
### CIRCULAR

All the students are here by informed that the Department of Computer Science & Engineering is conducting an “Add-On Course” titled “**BASICS OF AI**” for IV - B. Tech, CSE-Computer science and Engineering students. The course will be conducted from 03/12/2018 to 20/12/2018. In this context, all the students are requested to register their names in the department office on or before 30/11/2018. Students are strictly directed to enroll for the course and attend classes regularly without missing in order to improve knowledge and to get better placement.

#### **Resource Person:**

Ms. P. Sarala, Assistant Professor,  
Department of CSE  
Vijaya Institute of Technology for Women

**Venue:** CSE Main Lab, First Floor.

  
HoD

  
PRINCIPAL

Copy to:

1. The Secretary, SRK Foundation
2. All the department Heads
3. Notice Board

## About the College

Vijaya Institute of Technology for Women is founded by Sri Boyapati Appa Rao Garu in 2008, with the objective of providing excellent education in engineering for women. VITW is affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada, approved by AICTE, Certified by ISO 9001:2015. VITW is the only women's Engineering College in the heart of Vijayawada city, offering Engineering Undergraduate Courses in CSE, ECE, EEE and IT, MBA and Diploma Engineering courses in CSE, ECE and EEE. VITW, being the only one Women's Engineering College in Vijayawada, has made its presence felt with its academic discipline, results and the achievements of students.

## About CSE Department

The department has well qualified, experienced and dynamic faculty who are engaged in break through research across the leading areas of computer science and engineering. The engineering and Society, a part of CSE Department produces versatile students and encourages them to be employed in exciting careers. On an individual level, the department improves programming skills and creates awareness among the recent trends and technologies in the computer field.

**CHIEF PATRON**  
**Sri B. S. Appa Rao**  
Chairman, SRK Foundation

**PATRON**  
**Sri. B. Sri Krishna**  
Secretary, SRK Foundation

**Convener**  
**Dr. G.Chenchamma**  
Principal

**Co –Convener**  
**Dr.B.Sukumar Babu**  
HoD of CSE

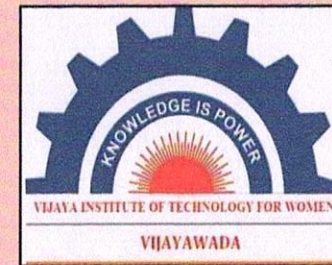
**Resource Person**  
Ms. P. Sarala  
Assistant Professor,  
Department of sCSE

**Coordinator**  
Ms. J.Hymavathi

## Add-On Course

on

“BASICS OF AI”



Organized by  
Department of CSE

from

03/12/2018 to 20/12/2018

**VIJAYA INSTITUTE OF  
TECHNOLOGY FOR WOMEN**

Enikepadu, Vijayawada, 521108, (A. P)  
Ph: 0866-2844444  
[www.vitw.in](http://www.vitw.in)

## About the Course

Artificial Intelligence (AI) has become an integral part of our world. From algorithms to data analysis, AI is helping create efficient and smarter systems. Innovative technologies like generative AI and natural language processing are improving the way we do business, and now, technologies like these and others can be explored online in just six weeks. Now is the time to develop the foundational knowledge in AI so you can best leverage its capabilities to reach your professional goals and beyond.

## Objectives

After taking the course, students will be able to

- Study the concepts of Artificial Intelligence.
- Learn the methods of solving problems using Artificial Intelligence

- Learn the knowledge representation techniques, reasoning techniques and planning
- Introduce the concepts of Expert Systems and machine learning.

## Outcomes

At the end of this course, students will be able to

- Identify problems where artificial intelligence techniques are applicable.
- Apply selected basic AI techniques; judge applicability of more advanced techniques.
- Participate in the design of systems that act intelligently and learn from experience

## Topics to be Covered

- Introduction to AI
- History of AI
- Knowledge representation and Expert systems
- Difference between AI, ML and DL

- Supervised Learning
- UnSupervised Learning
- Semi Supervised Learning
- Reinforcement Learning
- Deep Learning
- NLP
- Neural Network
- Computer vision
- AI Applications

## Resource Person

Ms. P. Sarala  
**Assistant Professor,  
Department of CSE**

## Registration

**Registration is Free**



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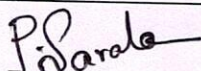
### DAY-WISE SCHEDULE

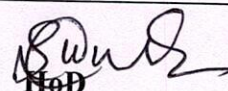
Name of the Program: Add-On Course on "BASICS OF AI"

Duration : 03/12/2018 to 20/12/2018

Date: 30/11/2018

| Schedule | Date       | Topic covered                               |
|----------|------------|---|
| Day 1    | 03/12/2018 | Introduction to AI<br>History of AI         |
| Day 2    | 04/12/2018 | Knowledge representation and Expert systems |
| Day 3    | 05/12/2018 | Difference between AI, ML and DL            |
| Day 4    | 06/12/2018 | Supervised Learning                         |
| Day 5    | 07/12/2018 | Supervised Learning                         |
| Day 6    | 10/12/2018 | UnSupervised Learning                       |
| Day 7    | 11/12/2018 | UnSupervised Learning                       |
| Day 8    | 12/12/2018 | Semi Supervised Learning                    |
| Day 9    | 13/12/2018 | Reinforcement Learning                      |
| Day 10   | 14/12/2018 | Reinforcement Learning                      |
| Day 11   | 15/12/2018 | Deep Learning                               |
| Day 12   | 17/12/2018 | NLP   |
| Day 13   | 18/12/2018 | Neural Network                              |
| Day 14   | 19/12/2018 | Computer vision                             |
| Day 15   | 20/12/2018 | AI Applications                             |

  
Resource Person

  
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Enikepadu, Vijayawada-521 108

### LIST OF REGISTERED STUDENTS

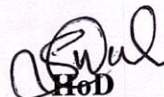
Name of the Program: Add-On Course on "BASICS OF AI"

Duration : 03/12/2018 to 20/12/2018

Date: 30/11/2018

| S.No. | Registered No. | Name of the students   | Branch | Signature           |
|-------|----------------|------------------------|--------|---------------------|
| 1     | 15NP1A0501     | A.SAI TEJASWI          | CSE    | A. Sai Tejaswi      |
| 2     | 15NP1A0502     | B.SRAVYA               | CSE    | B. Sravya           |
| 3     | 15NP1A0503     | B.SRIDHARI             | CSE    | B. Srithari         |
| 4     | 15NP1A0504     | B.DEVI PRIYA           | CSE    | B. Devi Priya       |
| 5     | 15NP1A0505     | BH.RAMYA SRI           | CSE    | B.H. Ramya Sri      |
| 6     | 15NP1A0506     | B.LAKSHMI TEJA         | CSE    | B. Lakshmi Teja     |
| 7     | 15NP1A0507     | B.SRUJANA              | CSE    | B. Srujana          |
| 8     | 15NP1A0508     | CH.SAI DEEPTHI         | CSE    | Ch. Sai Deepthi     |
| 9     | 15NP1A0509     | CH.VASANTHI            | CSE    | CH. VASANTHI        |
| 10    | 15NP1A0510     | CH.DEVIKA              | CSE    | CH. Devika          |
| 11    | 15NP1A0511     | D.NAVEENA              | CSE    | D. Naveena          |
| 12    | 15NP1A0512     | D.CHANDRIKA            | CSE    | D. Chandrika        |
| 13    | 15NP1A0513     | G.PADMAVATHI           | CSE    | G. Padmavathi       |
| 14    | 15NP1A0514     | G.LAKSHMI KUMARI       | CSE    | G. Lakshmi Kumari   |
| 15    | 15NP1A0515     | G.PAVANI               | CSE    | G. Pavani           |
| 16    | 15NP1A0516     | J.PRASHANTH NAYANA     | CSE    | J. Prashanth nayana |
| 17    | 15NP1A0517     | P.JEEVAN SRAVANTHI     | CSE    | P. Jeevan Sravanthi |
| 18    | 15NP1A0518     | K.GAYATHRI             | CSE    | K. Gayathri         |
| 19    | 15NP1A0519     | K.LAHARI               | CSE    | K. Lahari           |
| 20    | 15NP1A0520     | K.SRIJA                | CSE    | K. SRIJA            |
| 21    | 15NP1A0521     | K.LAKSHMI PUJITHA      | CSE    | K. Lakshmi Pujitha  |
| 22    | 15NP1A0522     | K.MOUNIKA              | CSE    | K. Mounika          |
| 23    | 15NP1A0523     | K.SHANTHI SWAROPA RANI | CSE    | K. Shanthi Swaropa  |
| 24    | 15NP1A0524     | K.SRIJA                | CSE    | K. SRIJA            |
| 25    | 15NP1A0525     | K.SAI JYOTHI           | CSE    | K. Sai Jyothi       |
| 26    | 15NP1A0526     | V.KOWSALYA             | CSE    | V. Kowsalya         |
| 27    | 15NP1A0527     | K.MANEESHA             | CSE    | K. Kowsalya         |
| 28    | 15NP1A0528     | L.YAMINI               | CSE    | L. Yamini           |
| 29    | 15NP1A0529     | M.GAYATHRI             | CSE    | M. Gayathri         |
| 30    | 15NP1A0530     | M.SAI PRATHYUSHA       | CSE    | M. Sai Prathyusha   |
| 31    | 15NP1A0531     | M.DURGA HARIKA         | CSE    | M. Durga Harika     |
| 32    | 15NP1A0532     | M.BHAVITHA             | CSE    | M. Bhavitha         |
| 33    | 15NP1A0533     | M.PRIYANKA             | CSE    | M. Priyanka         |
| 34    | 15NP1A0534     | N.RATNA MADHURI        | CSE    | N. Ratna Madhuri    |

  
COORDINATOR

  
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### LIST OF REGISTERED STUDENTS

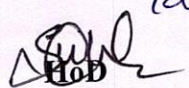
Name of the Program: Add-On Course on "BASICS OF AI"

Duration : 03/12/2018 to 20/12/2018

Date: 30/11/2018

| S.No. | Registered No. | Name of the students        | Branch | Signature                   |
|-------|----------------|-----------------------------|--------|-----------------------------|
| 35    | 15NP1A0535     | N.FATHEMA                   | CSE    | N.fathema                   |
| 36    | 15NP1A0536     | N.YASASHWI                  | CSE    | N.Yasashwi                  |
| 37    | 15NP1A0537     | N.VENKATA SATYA             | CSE    | N.Venkata Satya             |
| 38    | 15NP1A0538     | P.N.V.S ALEKHYA             | CSE    | Alekhyas                    |
| 39    | 15NP1A0539     | P.JYOTHI                    | CSE    | P.Jyothi                    |
| 40    | 15NP1A0540     | R.LAKSHMI CHAITANYA         | CSE    | R.Lakshmi chaitanya         |
| 41    | 15NP1A0541     | R.GAYATHRI                  | CSE    | R.Gayathri                  |
| 42    | 15NP1A0542     | R.HARIKA                    | CSE    | R.Harika                    |
| 43    | 15NP1A0543     | S.INDRAVATHI                | CSE    | S.Indravathi                |
| 44    | 15NP1A0544     | S.SRIJA                     | CSE    | S.Srija                     |
| 45    | 15NP1A0545     | S.DIVYA CHANDANA            | CSE    | S.Divya chandana            |
| 46    | 15NP1A0546     | S.LOKESHWARI                | CSE    | S.Lokeshwari                |
| 47    | 15NP1A0547     | S.DEVI PUJITHA              | CSE    | S.Devi pujitha              |
| 48    | 15NP1A0548     | S.AALIYA PARVEEN            | CSE    | S.Aaliya parveen            |
| 49    | 15NP1A0549     | SK.HUSSENAMMA               | CSE    | S.K Hussenamamma            |
| 50    | 15NP1A0550     | SK.PAROSHI                  | CSE    | Sk. Paroshi                 |
| 51    | 15NP1A0551     | SK.SAMEENA                  | CSE    | SK. SAMEENA                 |
| 52    | 15NP1A0552     | S.JAYA JYOTHSNA             | CSE    | S.Jaya Jyotshna             |
| 53    | 15NP1A0553     | T.TEENA SAI PRASANNA        | CSE    | T.Teena Sai Prasanna        |
| 54    | 15NP1A0555     | V.YAMINI                    | CSE    | V.Yamini                    |
| 55    | 15NP1A0556     | V.RUPA NAGA SRI             | CSE    | V.Rupa Naga Sri             |
| 56    | 15NP1A0557     | V.NAGA PRANAVI              | CSE    | v.Naga Pranavi              |
| 57    | 15NP1A0558     | V.DEEPIKA                   | CSE    | Deepika                     |
| 58    | 15NP1A0559     | Y.HARSHINI                  | CSE    | Y.Harshini                  |
| 59    | 15NP1A0560     | Y.SAHITHI                   | CSE    | Y.Sahithi                   |
| 60    | 15NP1A0561     | A.VINEETHA                  | CSE    | A.VINEETHA                  |
| 61    | 15NP1A0562     | A.LOHITHA                   | CSE    | A.Lohitha                   |
| 62    | 15NP1A0563     | B.DURGA BHAVANI             | CSE    | B.Durga Bhavani             |
| 63    | 15NP1A0565     | CH.UMA POORNIMA             | CSE    | ch.Uma poornima             |
| 64    | 15NP1A0566     | CH.VENKATA NAGA SAI MOUNIKA | CSE    | ch.Venkata Naga Sai Mounika |
| 65    | 15NP1A0567     | CH.DIVYA                    | CSE    | CH.DIVYA                    |
| 66    | 15NP1A0568     | CH.SAI HANITHA              | CSE    | ch.Sai Hanitha              |
| 67    | 15NP1A0569     | CH.MADHURI SRUJANA LAKSHMI  | CSE    | ch.Madhuri Srujana Lakshmi  |

  
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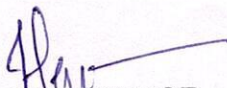
### LIST OF REGISTERED STUDENTS

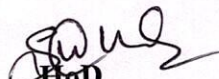
Name of the Program: Add-On Course on "BASICS OF AI"

Duration : 03/12/2018 to 20/12/2018

Date: 30/11/2018

| S.No. | Registered No. | Name of the students  | Branch | Signature              |
|-------|----------------|-----------------------|--------|------------------------|
| 68    | 15NP1A0570     | CH.VENKATA SAI RAMYA  | CSE    | Venkata Sai            |
| 69    | 15NP1A0571     | D.PREETHI             | CSE    | D. PREETHI             |
| 70    | 15NP1A0572     | D.DHANUSHA            | CSE    | D. Dhanusha            |
| 71    | 15NP1A0573     | E.NAGA JASHNAVI       | CSE    | E. Naga Jashnavi       |
| 72    | 15NP1A0574     | F.HAZIRA              | CSE    | F. Hazira              |
| 73    | 15NP1A0575     | G.ESWARA SRAVYA       | CSE    | G. Eswara Saranya      |
| 74    | 15NP1A0576     | G.RAJITHA             | CSE    | G. Rajitha             |
| 75    | 15NP1A0577     | G.ANUSHA              | CSE    | G. ANUSHA              |
| 76    | 15NP1A0578     | G.LAKSHMI SARANYA     | CSE    | G. Lakshmi Saranya     |
| 77    | 15NP1A0579     | G.HIMA BINDU          | CSE    | G. Hima Bindu          |
| 78    | 15NP1A0581     | K.RAVALI              | CSE    | K. Ravali              |
| 79    | 15NP1A0582     | K.HARSHA VARDHINI     | CSE    | K. Harsha Vardhini     |
| 80    | 15NP1A0583     | K.GAYATHRI            | CSE    | K. Gayathri            |
| 81    | 15NP1A0584     | K.SAHITHI CHNDANA     | CSE    | K. Sahithi chndana     |
| 82    | 15NP1A0585     | K.BHAVANI             | CSE    | K. Bhavani             |
| 83    | 15NP1A0589     | K.KHYATHI             | CSE    | K. Khyathi             |
| 84    | 15NP1A0590     | K.RAMYA               | CSE    | K. Ramya               |
| 85    | 15NP1A0591     | P.VENKATA LASYA PRIYA | CSE    | P. Venkata Lasya Priya |
| 86    | 15NP1A0592     | L.LATHA               | CSE    | L. LATHA               |
| 87    | 15NP1A0593     | M.SAI PRIYANKA        | CSE    | M. Sai Priyanka        |
| 88    | 15NP1A0594     | M.APARNA              | CSE    | Aparna M.              |
| 89    | 15NP1A0595     | M.MOUNIKA             | CSE    | M. Mounika             |
| 90    | 15NP1A0596     | M.SRAVANI             | CSE    | M. Sravani             |
| 91    | 15NP1A0597     | M.JERUSHA NISSI       | CSE    | M. Jerusha Nissi       |
| 92    | 15NP1A0598     | M.SRI LAKSHMI         | CSE    | M. Sri Lakshmi         |
| 93    | 15NP1A0599     | N.ANSHA               | CSE    | N. Ansha               |
| 94    | 15NP1A05A0     | N.PRIYANKA            | CSE    | N. Priyanka            |
| 95    | 15NP1A05A1     | N.MANI DEEPIKA        | CSE    | N. Mani Deepika        |
| 96    | 15NP1A05A2     | N.PUNYA               | CSE    | N. Punya               |
| 97    | 15NP1A05A4     | P.NIHARIKA            | CSE    | P. Niharika            |
| 98    | 15NP1A05A5     | P.PRASANTHI           | CSE    | P. Prasanthi           |
| 99    | 15NP1A05A6     | P.INDRAVATHI          | CSE    | P. Indravathi          |
| 100   | 15NP1A05A7     | P.PAVANI              | CSE    | P. Pavani              |

  
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| S.No. | Registered No. | Name of the students | Branch | Signature          |
|-------|----------------|----------------------|--------|--------------------|
| 101   | 15NP1A05A8     | R.SRAVANI            | CSE    | R. Sravani         |
| 102   | 15NP1A05A9     | S.RAMYA              | CSE    | Ramy               |
| 103   | 15NP1A05B0     | S.SRAVYA PRISCILLA   | CSE    | Sravya Priscilla   |
| 104   | 15NP1A05B1     | S.RAGHAVA RASI       | CSE    | Raghava Rasi       |
| 105   | 15NP1A05B2     | S.ASHA DEEPTHI       | CSE    | S. Asha Deepthi    |
| 106   | 15NP1A05B4     | SK.SHABEENA BEGUM    | CSE    | Shabeena Begum. SK |
| 107   | 15NP1A05B5     | SK.TANVEER AIFIYA    | CSE    | SK. TORANI AIFIYA  |
| 108   | 15NP1A05B6     | T.MALLIKA            | CSE    | T. Mallika         |
| 109   | 15NP1A05B8     | T.KATHYAYANI         | CSE    | T. Kathayani       |
| 110   | 15NP1A05B9     | V.JAYASRI            | CSE    | V. Jayasri         |
| 111   | 16NP5A0501     | G.TEJASWINI          | CSE    | G. Tejaswini       |
| 112   | 16NP5A0502     | G.SAHITHYA           | CSE    | G. Sahithya        |
| 113   | 16NP5A0503     | G.KEERTHI            | CSE    | G. Keerthi         |
| 114   | 16NP5A0504     | T.PUJITHA            | CSE    | T. Pujitha         |
| 115   | 16NP5A0505     | K.KRUPATHI           | CSE    | K. Krupathi        |
| 116   | 16NP5A0506     | R.HARSHITHA          | CSE    | R. Harshitha       |

  
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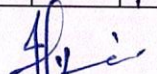
Academic year:2018-2019

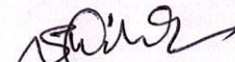
Name of the Program: Add-On Course on "BASICS OF AI"

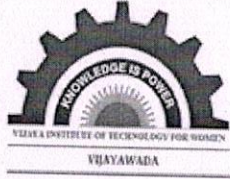
Duration : 03/12/2018 to 20/12/2018

Date: 20/12/2018

| S. No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 1      | 15NP1A0501   | P     | P     | P     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 2      | 15NP1A0502   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 3      | 15NP1A0503   | P     | A     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 4      | 15NP1A0504   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 5      | 15NP1A0505   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 6      | 15NP1A0506   | P     | P     | A     | P     | P     | A     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 7      | 15NP1A0507   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 8      | 15NP1A0508   | P     | A     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 9      | 15NP1A0509   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 10     | 15NP1A0510   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | A      | P      |
| 11     | 15NP1A0511   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 12     | 15NP1A0512   | A     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 13     | 15NP1A0513   | P     | A     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 14     | 15NP1A0514   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 15     | 15NP1A0515   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |

  
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Academic year:2018-2019

Name of the Program: Add-On Course on "BASICS OF AI"

Duration : 03/12/2018 to 20/12/2018

Date: 20/12/2018

| S. No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |   |
|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|---|
| 16     | 15NP1A0516   | P     | A     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | A      | P      | P |
| 17     | 15NP1A0517   | P     | P     | A     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | A      | P      | P |
| 18     | 15NP1A0518   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      | P |
| 19     | 15NP1A0519   | A     | P     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      | P |
| 20     | 15NP1A0520   | P     | P     | P     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      | P |
| 21     | 15NP1A0521   | P     | A     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      | P |
| 22     | 15NP1A0522   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      | P |
| 23     | 15NP1A0523   | P     | P     | A     | P     | P     | A     | P     | P     | A     | P      | P      | P      | P      | P      | P      | P |
| 24     | 15NP1A0524   | A     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      | P |
| 25     | 15NP1A0525   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      | P |
| 26     | 15NP1A0526   | P     | A     | P     | P     | P     | P     | P     | A     | P     | P      | A      | P      | P      | A      | P      | P |
| 27     | 15NP1A0527   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      | P |
| 28     | 15NP1A0528   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      | P |
| 29     | 15NP1A0529   | P     | P     | A     | P     | P     | P     | A     | P     | P     | A      | P      | P      | P      | P      | P      | P |
| 30     | 15NP1A0530   | A     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      | P |

  
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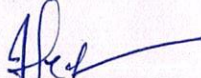
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Date: 20/12/2018

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|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 31     | 15NP1A0531   | P     | P     | P     | A     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 32     | 15NP1A0532   | P     | A     | P     | P     | P     | A     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 33     | 15NP1A0533   | P     | P     | A     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 34     | 15NP1A0534   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 35     | 15NP1A0535   | A     | P     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 36     | 15NP1A0536   | P     | A     | P     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 37     | 15NP1A0537   | P     | P     | P     | A     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 38     | 15NP1A0538   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 39     | 15NP1A0539   | P     | P     | A     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 40     | 15NP1A0540   | P     | P     | P     | P     | A     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 41     | 15NP1A0541   | P     | A     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | A      | P      |
| 42     | 15NP1A0542   | P     | P     | A     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 43     | 15NP1A0543   | A     | P     | P     | A     | P     | P     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 44     | 15NP1A0544   | P     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 45     | 15NP1A0545   | P     | P     | A     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | A      |

  
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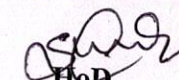
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Date: 20/12/2018

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|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 46     | 15NP1A0546   | A     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 47     | 15NP1A0547   | P     | P     | A     | P     | P     | P     | A     | P     | P     | P      | P      | P      | A      | P      | P      |
| 48     | 15NP1A0548   | P     | A     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 49     | 15NP1A0549   | P     | P     | A     | P     | P     | P     | A     | P     | P     | P      | A      | P      | P      | P      | P      |
| 50     | 15NP1A0550   | P     | P     | P     | P     | A     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 51     | 15NP1A0551   | P     | A     | P     | P     | A     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 52     | 15NP1A0552   | P     | P     | P     | A     | P     | A     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 53     | 15NP1A0553   | A     | P     | P     | P     | A     | P     | P     | A     | P     | P      | P      | A      | P      | P      | P      |
| 54     | 15NP1A0555   | P     | P     | A     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 55     | 15NP1A0556   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 56     | 15NP1A0557   | P     | P     | P     | A     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 57     | 15NP1A0558   | P     | A     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 58     | 15NP1A0559   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 59     | 15NP1A0560   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 60     | 15NP1A0561   | P     | P     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | A      |

  
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## VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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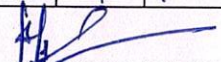
**Academic year:2018-2019**

**Name of the Program: Add-On Course on "BASICS OF AI"**

**Duration : 03/12/2018 to 20/12/2018**

Date: 20/12/2018

| S. No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
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| 61     | 15NP1A0562   | P     | P     | A     | P     | P     | A     | P     | P     | P     | P      | A      | P      | P      | P      | P      |
| 62     | 15NP1A0563   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
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| 66     | 15NP1A0568   | P     | P     | P     | A     | P     | P     | P     | A     | P     | P      | P      | A      | P      | P      | P      |
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| 68     | 15NP1A0570   | P     | A     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
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| 71     | 15NP1A0573   | P     | P     | A     | P     | P     | P     | A     | P     | P     | P      | P      | P      | A      | P      | P      |
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| 73     | 15NP1A0575   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | A      |
| 74     | 15NP1A0576   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
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**DAY-WISE ATTENDANCE SHEET**

**Academic year:2018-2019**

**Name of the Program: Add-On Course on "BASICS OF AI"**

**Duration : 03/12/2018 to 20/12/2018**

Date: 20/12/2018

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| 76     | 15NP1A0578   | P     | A     | P     | P     | P     | P     | P     | P     | A     | P      | P      | P      | P      | A      | P      |
| 77     | 15NP1A0579   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 78     | 15NP1A0581   | A     | P     | P     | P     | P     | A     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 79     | 15NP1A0582   | P     | P     | A     | P     | P     | P     | A     | P     | P     | P      | P      | P      | P      | P      | P      |
| 80     | 15NP1A0583   | P     | A     | P     | P     | A     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
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| 87     | 15NP1A0593   | P     | A     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 88     | 15NP1A0594   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
| 89     | 15NP1A0595   | P     | P     | P     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 90     | 15NP1A0596   | P     | P     | A     | P     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |

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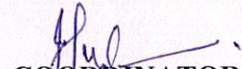
Academic year:2018-2019

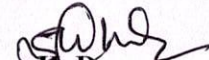
Name of the Program: Add-On Course on "BASICS OF AI"

Duration : 03/12/2018 to 20/12/2018

Date: 20 / 12 / 2018

| S. No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 91     | 15NP1A0597   | P     | P     | A     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
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| 94     | 15NP1A05A0   | P     | P     | P     | A     | P     | P     | P     | P     | A     | P      | P      | P      | P      | P      | P      |
| 95     | 15NP1A05A1   | P     | P     | P     | P     | A     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |
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| 97     | 15NP1A05A4   | P     | P     | A     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | P      | P      |
| 98     | 15NP1A05A5   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | A      | P      | P      |
| 99     | 15NP1A05A6   | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      | P      | P      | P      | P      | P      |
| 100    | 15NP1A05A7   | P     | P     | P     | P     | P     | P     | P     | P     | P     | A      | P      | P      | P      | A      | P      |
| 101    | 15NP1A05A8   | P     | A     | P     | P     | P     | P     | P     | A     | P     | P      | P      | P      | P      | P      | P      |
| 102    | 15NP1A05A9   | P     | P     | P     | P     | P     | P     | A     | P     | P     | P      | P      | A      | P      | P      | P      |
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### DAY-WISE ATTENDANCE SHEET

Academic year: 2018-2019

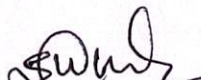
Name of the Program: Add-On Course on "BASICS OF AI"

Duration : 03/12/2018 to 20/12/2018

Date: 20/12/2018

| S. No. | Register No. | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 | Day 15 |
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| 113    | 16NP5A0503   | P     | P     | P     | A     | P     | P     | P     | P     | P     | P      | P      | P      | P      | A      | P      |
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| 116    | 16NP5A0506   | P     | A     | P     | P     | P     | P     | P     | P     | P     | P      | P      | A      | P      | P      | P      |

  
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### Program Report

**Name of the Program** : Add-On Course on "BASICS OF AI"

**Duration** : 03/12/2018 to 20/12/2018

**Resource Person** : Ms.P.Sarala, Assistant Professor, Department of CSE  
Vijaya Institute of Technology for Women  
**Phone No.8142006797**

**Name of the Coordinator** : Ms. J.Hymavathi

**No. of Participants** : 116

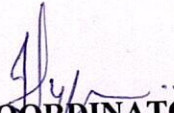
**Program Objectives** : After taking the course, students will be able to

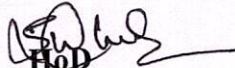
- Study the concepts of Artificial Intelligence.
- Learn the methods of solving problems using Artificial Intelligence
- Learn the knowledge representation techniques, reasoning techniques and planning
- Introduce the concepts of Expert Systems and machine learning.

**Topics Covered** : Introduction to AI ,History of AI, Knowledge representation and Expert systems,Difference between AI, ML and DL, Supervised Learning, UnSupervised Learning, Semi Supervised Learning,Reinforcement Learning,Deep Learning,NLP,Neural Network,Computer vision,AI Applicatio.

**Program Outcomes**: At the end of this course, students will be able to:

- Identify problems where artificial intelligence techniques are applicable.
- Apply selected basic AI techniques; judge applicability of more advanced techniques.
- Participate in the design of systems that act intelligently and learn from experience.

  
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### Add-On Course on "BASICS OF AI"



*J. Hyderabad*  
COORDINATOR

*S. White*  
HoD



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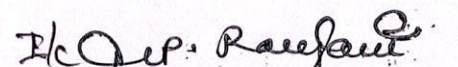
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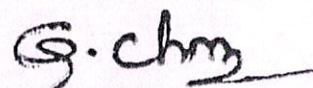
Engineering Branch has participated in Basics of AI

\_\_\_\_\_ Add-On Course conducted

from 03/12/2018 to 20/12/2018 in the Academic Year 2018-19.

  
Coordinator

  
Head of the Department

  
Dr. G. Chenchamma  
Principal



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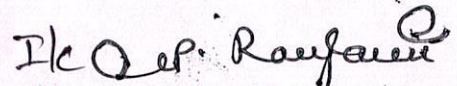
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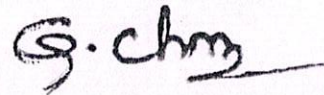
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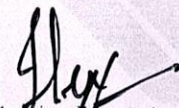
This is to certify that Ms. P. Jyothi

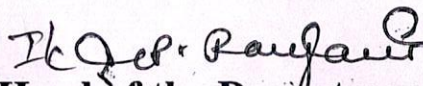
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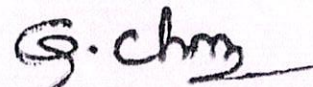
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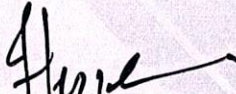
This is to certify that Ms. L. Yamini

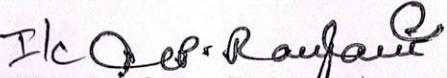
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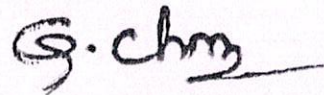
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Coordinator

  
Head of the Department

  
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Principal



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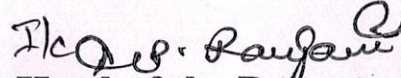
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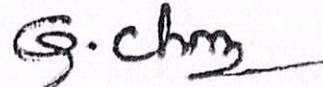
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College Code: NP, Enikepadu, Vijayawada-521108.

Date: 21/01/2019

### CIRCULAR

All the students are hereby informed that the Department of Administration is conducting an Add-On Course on “DATA VISUALIZATION IN R-PROGRAMMING” for MBA students. The course will be conducted from 28/01/2019 to 04/02/2019. In this context, interested students are requested to register their names in the department office on or before 25/01/2019.

**Resource Person: Dr.P.SUBBAIAH,**  
Professor & HOD  
Department of Business Administration  
Vijaya Institute of Technology for Women

**Venue : IT LAB-2<sup>nd</sup> FLOOR**

All the registered students must attend the Add-On Course regularly without fail.

HOD

Copy to:

1. Secretary
2. All the Department Heads
3. Notice Board

PRINCIPAL  
PRINCIPAL  
VIJAYA INSTITUTE OF  
TECHNOLOGY FOR WOMEN  
ENIKEPADU, VIJAYAWADA-521108

## About the College

The college Vijaya Institute of Technology for Women is founded by Sri Boyapati Appa Rao Garu in 2008, with the objective of providing excellent learning facility for women to pursue education in engineering. VITW is affiliated to Jawaharlal Nehru Technological University (JNTU), Kakinada, approved by All India Council for Technical Education (AICTE), Certified by ISO 9001:2015. VITW is the only women's Engineering College in the heart of Vijayawada city, offering engineering under graduate courses in CSE, ECE, EEE and IT, Masters in Business Administration and Diploma Engineering courses in CSE, ECE and EEE. VITW is not just one more engineering college. It's a college with a difference. It has made its presence felt more with its academic discipline, results and the achievement of its students.

### ABOUT MBA DEPARTMENT

The department was established in the year 2009 and offers 2 year full time Master of Business Administration (MBA) program with the approval of AICTE, and affiliated to JNTUK. Department of MBA believes in learning beyond the classroom and in interaction with industry. We at the Department instill aptitude to think logically and act rationally. Faculty members at MBA promote knowledge through teaching, research and training. Various tools are used to allow students to become Managers, Leaders and Entrepreneurs.

## Organizing Committee Members

### CHIEF PATRON

**Sri B.S.Appa Rao**

**Chairman, SRK Foundation**

### PATRON

**Sri.B.Sri Krishna**

**Secretary, SRK Foundation**

### Convener

**Dr.G.Chenamma**

**Principal**

### Co –Convener

**Dr.P.SUBBAIAH**

**Professor & HoD of MBA**

### Resource Person

**Dr.P.SUBBAIAH**

**Professor**

**HoD of MBA**

### Coordinator

**Mrs.G.MADHU SRI,**

**Associate Professor**

**Dept of MBA**

## ADD-ON-COURSE

ON

**“DATA VISUALIZATION IN  
R-PROGRAMMING”**

**Organized by Department of MBA**

**28-01-2019 to 04-02-2019**



**VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN**

An ISO 9001:2015 Certified Institution,

Affiliated to JNTUK, Kakinada,

Enikepadu, Vijayawada-521108,

Andhra Pradesh, India

PH: 0866-2844444

[www.vitw.edu.in](http://www.vitw.edu.in)

## About the Course

R programming language has a wide scope and finds applications in various fields. Here are some key areas where R programming is utilized: Data Analysis and Data Science: R is extensively used for data analysis, statistical modelling, and machine learning tasks. The R programming language was created specifically for statistical programming. Many find it useful for data handling, cleaning, analysis, and representation.

## Objectives

- ❖ The objective of this module to make students exercise the fundamentals of statistical analysis in R environment.
- ❖ They would be able to analysis data for the purpose of exploration using Descriptive and Inferential Statistics.
- ❖ Students will understand Probability and Sampling Distributions and learn the creative application of Linear Regression in multivariate context for predictive purpose
- ❖ The module aims to provide exposure in terms of Statistical Analysis, Hypothesis Testing, Regression and Correlation using R programming language..

## Outcomes

- ❖ Install Code and Use R Programming Language in R Studio IDE to perform basic tasks on Vectors, Matrices and Data frames.
- ❖ Describe key terminologies, concepts and techniques employed in Statistical Analysis.
- ❖ Define Calculate, Implement Probability and Probability Distributions to solve a wide variety of problems.
- ❖ Conduct and interpret a variety of Hypothesis Tests to aid Decision Making.
- ❖ Understand, Analyse, Interpret Correlation and Regression to analyse the underlying relationships between different variables.
- ❖ It comprises of R programming basics and application of several Statistical Techniques using it.
- ❖ List motivation for learning a programming language
- ❖ Access online resources for R and import new function packages into the R workspace
- ❖ Import, review, manipulate and summarize data-sets in R.

## Topics to be Covered

- ❖ Introduction, How to run R, R Sessions and Functions, Basic math, Variables,
- ❖ Data Types Programming Structures, Loops, - Looping Over Non vector Sets,-
- ❖ If-Else, Arithmetic and Boolean Operators and values,
- ❖ Calculating Probability Cumulative Sums and Products
- ❖ Basic Statistics, Correlation and Covariance, T-Tests,-ANOVA
- ❖ Explore data-sets to create testable hypotheses and identify appropriate statistical tests.
- ❖ Perform appropriate statistical tests using R

## Resource Person

**Dr.P.SUBBIAH**  
Professor & HoD of MBA

## Registration

**Registration is Free**



## VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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Enikepadu, Vijayawada-521 108

### DAY-WISE SCHEDULE

Name of the Program : Add on course on “DATA VISUALIZATION  
IN R-PROGRAMMING”

Duration

: 28-01-2019 to 04-02-2019

| Schedule   | Date       | Topic Covered   |
|------------|------------|---|
| Schedule 1 | 28/01/2019 | Introduction, How to run R, R Sessions and Functions, Basic math, Variables,<br>Data Types                                |
| Schedule 2 | 29/01/2019 | Conclusion, Advanced Data Structures, Data Frames, Lists, Matrices, Arrays,<br>Classes                                    |
| Schedule 3 | 30/01/2019 | R Programming Structures, Loops, - Looping Over Non vector Sets,- If-Else,<br>Arithmetic and Boolean Operators and values |
| Schedule 4 | 31/01/2019 | Doing Math and Simulation in R, Math Function, Extended Example Calculating<br>Probability Cumulative Sums and Products   |
| Schedule 5 | 01/02/2019 | Probability Distributions, Normal Distribution- Binomial Distribution   |
| Schedule 6 | 02/02/2019 | Poisson Distributions Other Distributions   |
| Schedule 7 | 04/02/2019 | Basic Statistics, Correlation and Covariance, T-Tests,-ANOVA  |

  
Resource Person

  
HoD



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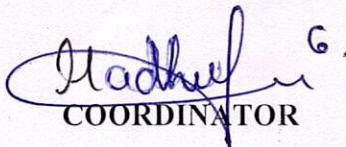
### LIST OF REGISTERED STUDENTS

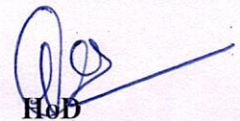
**Name of the Program** : Add on course on “DATA VISUALIZATION  
IN R-PROGRAMMING”

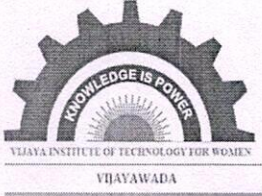
**Duration**

: 28-01-2019 to 04-02-2019

| S. NO. | REGISTERED NO. | NAME OF THE STUDENT         | BRANCH | SIGNATURE               |
|--------|----------------|-----------------------------|--------|-------------------------|
| 1      | 17NP1E0001     | AMANI CHAMAKURI             | MBA    | Amani Chamakuri         |
| 2      | 17NP1E0002     | AMARAVATHIRAAVI             | MBA    | Amara Vathiravi         |
| 3      | 17NP1E0003     | ARUNA VALLAPUNENI           | MBA    | V. Aruna                |
| 4      | 17NP1E0004     | AVANI BANDI                 | MBA    | A. Bandi                |
| 5      | 17NP1E0005     | DHANA LAKSHMI DINTAKURTHI   | MBA    | D. Lakshmi              |
| 6      | 17NP1E0006     | DURGA BHAVANI LANKA         | MBA    | D. Bhavani Lanka        |
| 7      | 17NP1E0007     | DURGA DEVI KAMMILI          | MBA    | K. Durga Devi           |
| 8      | 17NP1E0008     | GIRIJA MANGINA              | MBA    | G. Mangina              |
| 9      | 17NP1E0009     | HEMA SATYA PRIYANKA JALLURI | MBA    | G. Mangina              |
| 10     | 17NP1E0010     | JYOTHSNA TANDRA             | MBA    | Jyothsna.T              |
| 11     | 17NP1E0011     | KAVYANIKITHA P              | MBA    | P. Kavyanikitha         |
| 12     | 17NP1E0012     | LALITHA KUMARI PATHURI      | MBA    | P. Lalitha Kumari       |
| 13     | 17NP1E0013     | LIKITHA BHARGAVI KADIYAM    | MBA    | K. Likitha Bh           |
| 14     | 17NP1E0014     | MADHAVI VELAGAPUDI          | MBA    | M. Velagapudi           |
| 15     | 17NP1E0015     | MOUNICA GADIREDDY           | MBA    | M. Gadireddy            |
| 16     | 17NP1E0016     | MOUNIKAGAJJELA              | MBA    | Mounika                 |
| 17     | 17NP1E0017     | NEERAJA KATURI              | MBA    | Neeraja Katuri          |
| 18     | 17NP1E0018     | PADMAJA KOTTE               | MBA    | N. Katuri               |
| 19     | 17NP1E0019     | PARIMALA CHITTURI           | MBA    | Parimala Chitturi       |
| 20     | 17NP1E0020     | PRIYANKA MADA               | MBA    | Priyanka M.             |
| 21     | 17NP1E0021     | PRIYANKA PANAMALA           | MBA    | Priyanka Panamala       |
| 22     | 17NP1E0022     | RANI VEERAMALLU             | MBA    | V. Rani                 |
| 23     | 17NP1E0023     | ROJA TUMMALA                | MBA    | R. Tummala              |
| 24     | 17NP1E0024     | SAISATYAPRIYA NALABOLU      | MBA    | N. Sai Satya            |
| 25     | 17NP1E0025     | SUMITHRA RANI THOMMANDRU    | MBA    | S. Rani Thommandru      |
| 26     | 17NP1E0026     | VJAYA LAKSHMI PILLARISSETTI | MBA    | V. Lakshmi Pillarisetti |
| 27     | 17NP1E0027     | NADAKUDURU HARITHA          | MBA    | N. Haritha              |
| 28     | 17NP1E0028     | HARIKA PALAPARTHI           | MBA    | P. Harika               |

  
COORDINATOR

  
HOD



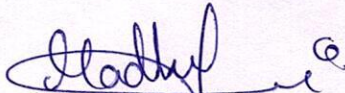
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**LIST OF REGISTERED STUDENTS**

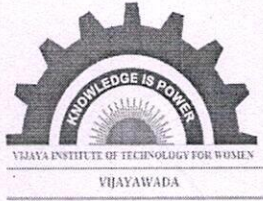
**Name of the Program : Add on course on “DATA VISUALIZATION  
 IN R-PROGRAMMING”**

**Duration : 28-01-2019 to 04-02-2019**

| S. NO. | REGISTERED NO. | NAME OF THE STUDENT     | BRANCH | SIGNATURE         |
|--------|----------------|-------------------------|--------|-------------------|
| 29     | 18NP1E0001     | ADAPA GEETHA SREE       | MBA    | A. Geetha Sree    |
| 30     | 18NP1E0002     | AGNIHOTRAM MRUDULA      | MBA    | A. Mrudhula       |
| 31     | 18NP1E0003     | ALAPATI SRI POSHITHA    | MBA    | A. Sri poshitha   |
| 32     | 18NP1E0004     | ANJU BINOY              | MBA    | A. Binoy          |
| 33     | 18NP1E0006     | ARJA DURGA MALLESWARI   | MBA    | A. Durga          |
| 34     | 18NP1E0007     | ASHA BEGUM              | MBA    | Asha begum        |
| 35     | 18NP1E0008     | BANDARU HARIKA          | MBA    | B. Harika         |
| 36     | 18NP1E0009     | CHALIBINDI SIREESHA     | MBA    | C. Sireesha       |
| 37     | 18NP1E0011     | CHINTAPALLI KRANTHI     | MBA    | C. Kranthi        |
| 38     | 18NP1E0012     | CHITTE VENKATA SWATHI   | MBA    | Ch. Ksrathi       |
| 39     | 18NP1E0013     | CHORAGUDI SNEHA         | MBA    | C.H. Sneha        |
| 40     | 18NP1E0014     | GATTEM MAHITHA          | MBA    | G. Mahitha        |
| 41     | 18NP1E0015     | GOBERU SAI SRI          | MBA    | G. Sai Sri        |
| 42     | 18NP1E0016     | GOPI VASANTHI           | MBA    | G. Vasanthi       |
| 43     | 18NP1E0017     | GUDISE NIKITHA          | MBA    | G. Nikitha        |
| 44     | 18NP1E0018     | GUNTURU KUMUDVATHI      | MBA    | G. Kumudvathi     |
| 45     | 18NP1E0019     | GUNTURU SWETHA MOUNIKA  | MBA    | G. Swetha mounika |
| 46     | 18NP1E0020     | KAMATHAM USHA           | MBA    | K. Usha           |
| 47     | 18NP1E0021     | KARNATAPU GEETHA        | MBA    | K. Geetha         |
| 48     | 18NP1E0022     | KISTAVARAPU AMANI       | MBA    | K. Amani          |
| 49     | 18NP1E0023     | KODURU SRI SAI DURGA    | MBA    | K. Sai Sai Durga  |
| 50     | 18NP1E0025     | KONNI REVATHI           | MBA    | K. Revathi        |
| 51     | 18NP1E0026     | LAVETI HARIKA           | MBA    | L. Harika         |
| 52     | 18NP1E0027     | MANIKONDA LAVANYA       | MBA    | Manikonda Lavanya |
| 53     | 18NP1E0028     | MEDISETTI DHANA LAKSHMI | MBA    | M. Dhana lakshmi  |
| 54     | 18NP1E0029     | MEDISETTI SIVA KALYANI  | MBA    | M. Siva kalyani   |

  
 COORDINATOR

  
 HoD



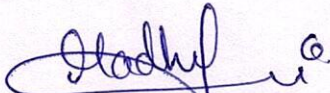
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**LIST OF REGISTERED STUDENTS**

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IN R-PROGRAMMING"**

**Duration : 28-01-2019 to 04-02-2019**

| S. NO. | REGISTERED NO. | NAME OF THE STUDENT         | BRANCH | SIGNATURE              |
|--------|----------------|-----------------------------|--------|------------------------|
| 55     | 18NP1E0030     | MUNDURU YASASWINI           | MBA    | M. Yasawini            |
| 56     | 18NP1E0031     | NARRA GEETHA NAGA SWARNA    | MBA    | N. Geethanaga swarna   |
| 57     | 18NP1E0032     | PADIGALA DIVYA              | MBA    | P. Divya               |
| 58     | 18NP1E0033     | PAKKI MEGHANA               | MBA    | P. meghana             |
| 59     | 18NP1E0034     | PARASA PUJITHA              | MBA    | Pujitha                |
| 60     | 18NP1E0035     | PEDDI MOUNIKA               | MBA    | P. Mounika             |
| 61     | 18NP1E0036     | PEDDI SWATHI                | MBA    | P. swathi              |
| 62     | 18NP1E0037     | PETETI PARIMALA             | MBA    | P. Parimala            |
| 63     | 18NP1E0038     | PLAREDDY DEEPTHI KRISHNA    | MBA    | P. Deepthi Krishna     |
| 64     | 18NP1E0039     | POLINENI SUSMITHA           | MBA    | P. Susmitha            |
| 65     | 18NP1E0040     | PUPPALA TARA RAJA RAJESWARI | MBA    | P. Tara raja rajeswari |
| 66     | 18NP1E0041     | RIZWANUNNISA                | MBA    | Rizwanunnisa           |
| 67     | 18NP1E0042     | SANAKKAYALA SAI LAKSHMI     | MBA    | S. Saitakshmi          |
| 68     | 18NP1E0043     | SANGISETTI LAKSHMI TULASI   | MBA    | S. lakshmi tulasi      |
| 69     | 18NP1E0044     | SATYAVOLU BHUVANESWARI      | MBA    | Sk. haleema            |
| 70     | 18NP1E0045     | SHAIK HALEEMA               | MBA    | Shaik Haleema          |
| 71     | 18NP1E0046     | SIMHADRI LEELA SOWJANYA     | MBA    | S. Haleema             |
| 72     | 18NP1E0047     | SUNNAPU JYOTHI SWARUPA      | MBA    | S. Jyothi swarupa      |
| 73     | 18NP1E0050     | VOLETI SIRI CHANDANA        | MBA    | v. siri chandana       |
| 74     | 18NP1E0051     | SAI SWETHA                  | MBA    | sai swetha             |
| 75     | 18NP1E0052     | PUTTE POOJITHA              | MBA    | P. Poojitha            |

  
COORDINATOR

  
HOD



# VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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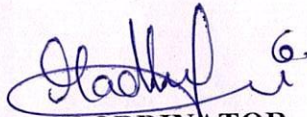
## DAY-WISE ATTENDANCE SHEET

Academic Year : 2018-2019

Name of the Program: Add-on-course on "DATA VISUALIZATION IN R-PROGRAMMING"

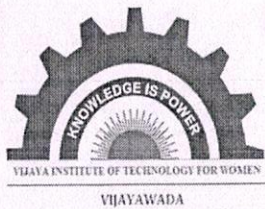
Duration : 28-01-2019 to 04-02-2019

| S. NO | REGISTERED NO. | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|
| 1     | 17NP1E0001     | P     | P     | P     | P     | P     | P     | P     |
| 2     | 17NP1E0002     | P     | P     | P     | P     | P     | P     | P     |
| 3     | 17NP1E0003     | P     | P     | P     | P     | P     | P     | P     |
| 4     | 17NP1E0004     | P     | P     | P     | P     | P     | P     | P     |
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| 6     | 17NP1E0006     | P     | P     | P     | P     | P     | P     | P     |
| 7     | 17NP1E0007     | P     | P     | P     | P     | P     | P     | P     |
| 8     | 17NP1E0008     | P     | P     | P     | P     | P     | P     | P     |
| 9     | 17NP1E0009     | P     | P     | P     | P     | P     | P     | P     |
| 10    | 17NP1E0010     | P     | P     | P     | P     | P     | P     | P     |
| 11    | 17NP1E0011     | P     | P     | P     | P     | P     | P     | P     |
| 12    | 17NP1E0012     | P     | P     | P     | P     | P     | P     | P     |
| 13    | 17NP1E0013     | P     | P     | P     | P     | P     | P     | P     |
| 14    | 17NP1E0014     | P     | P     | P     | P     | P     | P     | P     |
| 15    | 17NP1E0015     | P     | P     | P     | P     | P     | P     | P     |
| 16    | 17NP1E0016     | P     | P     | P     | P     | P     | P     | P     |
| 17    | 17NP1E0017     | P     | P     | P     | P     | P     | P     | P     |
| 18    | 17NP1E0018     | P     | P     | P     | P     | P     | P     | P     |
| 19    | 17NP1E0019     | P     | P     | P     | P     | P     | P     | P     |
| 20    | 17NP1E0020     | P     | P     | P     | P     | P     | P     | P     |
| 21    | 17NP1E0021     | P     | P     | P     | P     | P     | P     | P     |
| 22    | 17NP1E0022     | P     | P     | P     | P     | P     | P     | P     |

  
COORDINATOR

  
HOD





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**DAY-WISE ATTENDANCE SHEET**

**Academic Year : 2018-2019**

**Name of the Program : Add-on-course on "DATA VISUALIZATION IN R-PROGRAMMING"**

**Duration : 28-01-2019 to 04-02-2019**

| S. NO | REGISTERED NO. | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|
| 23    | 17NP1E0023     | P     | P     | P     | P     | P     | P     | P     |
| 24    | 17NP1E0024     | P     | P     | P     | P     | P     | P     | P     |
| 25    | 17NP1E0025     | P     | P     | P     | P     | A     | P     | P     |
| 26    | 17NP1E0026     | P     | P     | P     | P     | P     | P     | P     |
| 27    | 17NP1E0027     | P     | P     | P     | P     | P     | P     | P     |
| 28    | 17NP1E0028     | P     | P     | P     | P     | P     | P     | P     |
| 29    | 18NP1E0001     | P     | P     | P     | P     | P     | P     | P     |
| 30    | 18NP1E0002     | P     | P     | P     | P     | P     | P     | P     |
| 31    | 18NP1E0003     | P     | P     | P     | P     | P     | P     | P     |
| 32    | 18NP1E0004     | P     | P     | P     | P     | P     | P     | P     |
| 33    | 18NP1E0006     | P     | P     | P     | P     | P     | P     | P     |
| 34    | 18NP1E0007     | P     | P     | P     | P     | P     | P     | P     |
| 35    | 18NP1E0008     | P     | P     | P     | P     | P     | P     | P     |
| 36    | 18NP1E0009     | P     | P     | P     | P     | P     | P     | P     |
| 37    | 18NP1E0011     | P     | P     | P     | P     | P     | P     | P     |
| 38    | 18NP1E0012     | P     | P     | P     | P     | P     | P     | P     |
| 39    | 18NP1E0013     | P     | P     | P     | P     | P     | P     | P     |
| 40    | 18NP1E0014     | P     | P     | P     | P     | P     | P     | P     |
| 41    | 18NP1E0015     | P     | P     | P     | P     | P     | P     | P     |
| 42    | 18NP1E0016     | P     | P     | P     | P     | P     | P     | P     |
| 43    | 18NP1E0017     | P     | P     | P     | P     | P     | A     | P     |
| 44    | 18NP1E0018     | P     | P     | P     | P     | P     | P     | P     |

*[Signature]*  
**COORDINATOR**

*[Signature]*  
**HOD**



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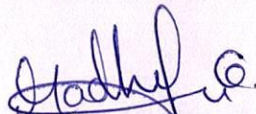
**DAY-WISE ATTENDANCE SHEET**

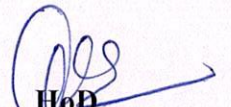
**Academic Year : 2018-2019**

**Name of the Program : Add-on-course on “DATA VISUALIZATION IN R-PROGRAMMING”**

**Duration : 28-01-2019 to 04-02-2019**

| S. NO | REGISTERED NO. | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|
| 45    | 18NP1E0019     | P     | P     | P     | P     | P     | P     | P     |
| 46    | 18NP1E0020     | P     | P     | P     | P     | P     | P     | P     |
| 47    | 18NP1E0021     | P     | P     | P     | P     | P     | P     | P     |
| 48    | 18NP1E0022     | P     | P     | P     | P     | P     | P     | P     |
| 49    | 18NP1E0023     | P     | P     | P     | P     | P     | P     | P     |
| 50    | 18NP1E0025     | P     | P     | P     | P     | P     | P     | P     |
| 51    | 18NP1E0026     | P     | P     | P     | P     | P     | P     | P     |
| 52    | 18NP1E0027     | P     | P     | P     | P     | P     | P     | P     |
| 53    | 18NP1E0028     | P     | P     | P     | P     | A     | P     | P     |
| 54    | 18NP1E0029     | P     | P     | P     | P     | P     | P     | P     |
| 55    | 18NP1E0030     | P     | P     | P     | P     | P     | P     | P     |
| 56    | 18NP1E0031     | P     | P     | P     | P     | P     | P     | P     |
| 57    | 18NP1E0032     | P     | P     | P     | P     | P     | P     | P     |
| 58    | 18NP1E0033     | P     | P     | P     | P     | A     | P     | P     |
| 59    | 18NP1E0035     | P     | P     | P     | P     | P     | P     | P     |
| 60    | 18NP1E0036     | P     | P     | P     | P     | P     | P     | P     |

  
**COORDINATOR**

  
**HOD**



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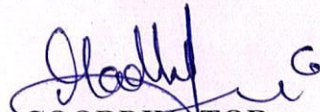
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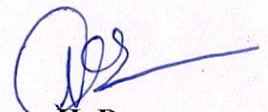
**Academic Year : 2018-2019**

**Name of the Program : Add-on-course on “DATA VISUALIZATION IN R-PROGRAMMING”**

**Duration : 28-01-2019 to 04-02-2019**

| S. NO | REGISTERED NO. | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|
| 61    | 18NP1E0037     | P     | P     | P     | P     | P     | P     | P     |
| 62    | 18NP1E0038     | P     | P     | P     | P     | P     | P     | P     |
| 63    | 18NP1E0039     | P     | P     | P     | P     | P     | P     | P     |
| 64    | 18NP1E0040     | P     | P     | P     | P     | P     | P     | P     |
| 65    | 18NP1E0041     | P     | P     | P     | P     | P     | P     | P     |
| 66    | 18NP1E0042     | P     | P     | P     | P     | P     | P     | P     |
| 67    | 18NP1E0042     | P     | P     | P     | P     | P     | P     | P     |
| 68    | 18NP1E0043     | P     | P     | P     | P     | P     | P     | P     |
| 69    | 18NP1E0044     | P     | P     | P     | P     | P     | P     | P     |
| 70    | 18NP1E0045     | P     | P     | P     | P     | P     | P     | P     |
| 71    | 18NP1E0046     | P     | P     | P     | P     | P     | P     | P     |
| 72    | 18NP1E0047     | P     | P     | P     | P     | P     | P     | P     |
| 73    | 18NP1E0050     | P     | P     | P     | P     | P     | P     | P     |
| 74    | 18NP1E0051     | P     | P     | P     | P     | P     | P     | P     |
| 75    | 18NP1E0052     | P     | P     | P     | P     | P     | P     | P     |

  
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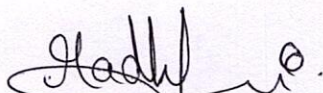
  
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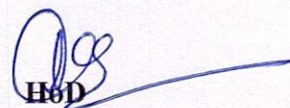


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**Program Report**

- Name of the Program** : ADD-ON-COURSE on “DATA VISUALIZATION IN R- PROGRAMMING”
- Duration** : 28-01-2019 to 04-02-2019
- Resource Person** : **Dr.P.SUBBAIAH**  
Professor &HOD,  
Department of Business Administration  
Vijaya Institute of Technology for Women
- Contact** : 9440745346
- Name of the Co-Ordinator** : **Mrs.G.MADHU SRI**
- No. of Participants** : 75
- Program Objectives** : After taking the course, students will be able to
- Use R for statistical programming, computation, graphics, and modeling
  - Write functions and use R in an efficient way
  - Fit some basic types of statistical models
  - Use R in their own research
  - To expand their knowledge of R on their own.
- Topics Covered** : Introduction, How to run R, R Sessions and Functions, Basic math, Variables, Data Types Programming Structures, Loops, - Looping Over Non vector Sets,- If-Else, Arithmetic and Boolean Operators and values, Calculating Probability Cumulative Sums and Products, Basic Statistics, Correlation and Covariance, T-Tests,-ANOVA
- Program Outcomes** : At the end of this course, students will be able to:
- List a programming language
  - Access online resources for R and can import new function packages into the R workspace
  - Import, review, manipulate and summarize data-sets in R.
  - Explore data-sets to create testable hypotheses and identify appropriate statistical tests
  - Perform appropriate statistical tests using R Create and can edit visualizations with R.

  
Co-Ordinator

  
HOD



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College Code: NP, Enikepadu, Vijayawada-521108.

## Add-On-Course on “DATA VISUALIZATION IN R-PROGRAMMING”



*Stacy*  
Co-Ordinator

*[Signature]*  
HoD



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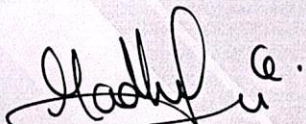
This is to certify that Ms. P. SUSMITHA


bearing Roll No. 18NPIE0039 of \_\_\_\_\_ Year MBA

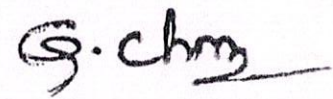
\_\_\_\_\_ Branch has participated in "DATA VISUALIZATION

IN R-PROGRAMMING" Add-On Course conducted

from 28/01/2019 to 04/02/2019 in the Academic Year 2018-19.

  
Coordinator

  
Head of the Department

  
Dr. G. Chenchamma  
Principal



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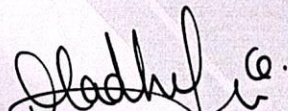
This is to certify that Ms. K. AMANI


bearing Roll No. 17NPIE0022 of \_\_\_\_\_ Year MBA

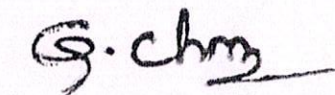
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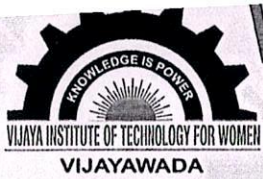
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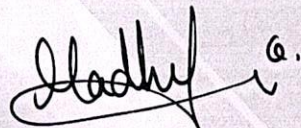
This is to certify that Ms. P. POOJITHA

bearing Roll No. 18NPIE0052 of \_\_\_\_\_ Year MBA


\_\_\_\_\_ Branch has participated in " DATA VISUALIZATION

IN R-PROGRAMMING" Add-On Course conducted

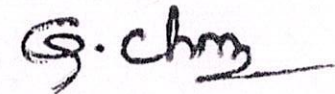
from 28/01/2019 to 04/02/2019 in the Academic Year 2018-19.



Coordinator

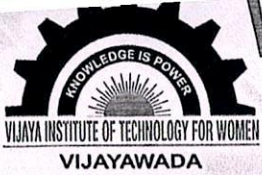


Head of the Department



Dr. G. Chenchamma  
Principal





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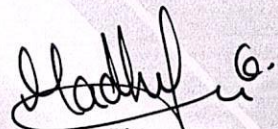
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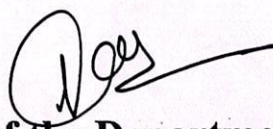
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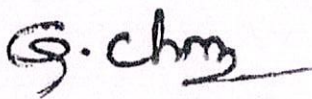
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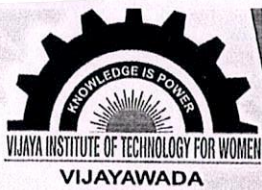
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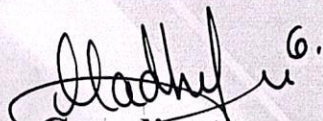
This is to certify that Ms. CH. AMANTI

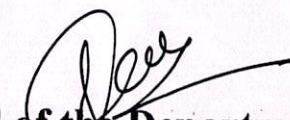
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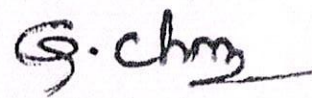
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